

# **Uninc. County**

## **Annual Report, Individual Form** Reporting Year 2015-2016

Los Angeles County Municipal Storm Water Permit  
(Order No. R4-2012-0175 as amended by Order WQ 2015-0075)  
NPDES No. CAS004001

## Contact Information

Permittee Name	County of Los Angeles
Permittee Program Contact	Principal Engineer
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**1. Legal Authority and Certification**

Complete the items on this page.

1.1 Answer the following questions on Legal Authority [VI.A.2.b]

	Yes	No
Is there a current statement certified by the Permittee's chief legal counsel that the Permittee has the legal authority within its jurisdiction to implement and enforce each of the requirements contained in 40 CFR § 122.26(d)(2)(i)(A-F) and the Permit?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Has the above statement been developed or updated within the reporting year? If yes, attach the updated legal authority statement to this report.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

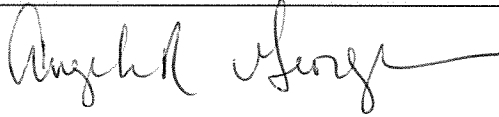
1.2 Completed the required certification below [Attachment D, V.B.5]:

*"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Signature of either a principal executive officer, ranking elected official, or by a duly authorized representative of a principal executive officer or ranking elected official. A person is a duly authorized representative only if:

- The authorization is made in writing by a principal executive officer or ranking elected official.
- The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
- The written authorization is submitted to the Regional Board.

If an authorization of a duly authorized representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization will be submitted to the Regional Board prior to or together with any reports, information, or applications, to be signed by an authorized representative.

Signature 

Title Assistant Deputy Director

Date 12/7/16

# 1: Legal Authority and Certification

1.1 Is there a current statement certified by the Permittee's chief legal counsel that the Permittee has the legal authority within its jurisdiction to implement and enforce each of the requirements contained in 40 CFR 122.26(d)(2)(i)(A-F) and the Permit?

Yes

Has the above statement been developed or updated within the reporting year?

No

If the answer to the above question is yes, then attach the updated legal authority statement to this report.

 No files attached

1.2 Completed the required certification below [Attachment D, V.B.5]: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of either a principal executive officer, ranking elected official, or by a duly authorized representative of a principal executive officer or ranking elected official. A person is a duly authorized representative only if:

1. The authorization is made in writing by a principal executive officer or ranking elected official.
2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
3. The written authorization is submitted to the Regional Board.

If an authorization of a duly authorized representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization will be submitted to the Regional Board prior to or together with any reports, information, or applications, to be signed by an authorized representative.

 **attach\_1\_county\_ar\_cert\_w\_sig.pdf**

See Section 1 Attachments for the contents of this file

## 2: Fiscal Section

2.1 Source(s) of funds used in the past year, and proposed for the coming year, to meet necessary expenditures on the Permittee's stormwater management program. [Fiscal Resources (VI.A.3.b)]

The County of Los Angeles' (County) Stormwater Program is funded by several sources, including but not limited to the County of Los Angeles General Fund, Gasoline Tax, Solid Waste Fund, Prop. C. Prop. A Local Return Funds, and Measure R. For the upcoming year, in addition to these same funding sources, the County is actively pursuing various grant opportunities and public-private partnerships to fund the implementation of the MS4 Permit, including the projects and programs described in the approved Watershed Management Programs and Enhanced Watershed Management Programs that it is participating in.

2.2 Complete the table on program expenditures below [Attachment D - VII] <sup>1</sup>

Category	Expenditures for Reporting Year (2015-16)	Anticipated Expenditures for Next Reporting Year (2016-17)
Program Management	\$1,874,000	\$1,978,000
Public Information and Participation Program	\$1,569,000	\$1,711,000
Industrial & Commercial Facilities Program	\$545,000	\$686,000
Planning and Land Development Program	\$1,447,000	\$1,707,000
Development Construction Program	\$1,010,000	\$1,119,000
Public Agency Activities Program	\$27,959,000	\$39,562,000
Illicit Connections and Illicit Discharges Program	\$928,000	\$1,164,000
Additional Institutional BMPs & Enhanced MCMs	\$1,127,000	\$2,560,000

Distributed Projects and Green Streets	\$714,000	\$12,708,000
Regional Projects	\$1,433,000	\$12,150,000
Restoration Projects	\$0	\$0
Monitoring	\$3,419,000	\$7,645,000
Other	\$6,123,000	\$6,165,000
Total	\$48,148,000	\$89,155,000

### 2.3 Please add any additional comments on stormwater expenditures below:

The total expenditures reported for FY 15-16 for the Public Agency Activities Program has decreased from prior year expenditures due to a recent reevaluation of financial information related to sewer maintenance activities. The County's Sewer Maintenance Districts are currently regulated under the Statewide General WDR for Sanitary Sewer Systems (Order No. 2006-0003-DWQ). Expenditures related to the WDR are reported in the Sewer System Management Plan Audits completed every two years as required by the WDR. Sewer maintenance activities required by the MS4 Permit overlap with those required under the WDR. To eliminate double reporting of the same expenditures, only those activities that most closely align with the MS4 Permit requirements are now reflected in the expenditures included in the table above.

Monitoring includes costs associated with ASBS, CIMP, TMDL, and Special Studies.

Other includes costs associated with WMP and EWMP planning, and TMDL planning and implementation.

### 3: Discharge Prohibitions and Receiving Water Limitations

3.1 Did you develop and implement procedures to ensure that a discharger, if not a named Permittee in this Order, fulfilled the requirements of Part III.A.4.a.i-vi? If so, provide a link to where the procedures may be found or attach to the Annual Report. [III.A.4.a]

The County, in collaboration with the Los Angeles County Flood Control District (LACFCD), has sent several letters to drinking water suppliers to remind them of their obligations under the MS4 Permit. In addition, the County also requested copies of records for all discharges greater than 100,000 gallons. A copy of the letter sent during this reporting year has been included as Attachment 3.1.

3.2 Did you develop and implement procedures that minimize the discharge of landscape irrigation water into the MS4? If so, provide a link to where the procedures may be found or attach to the Annual Report. [Prohibitions - Non-Stormwater Control Measures (III.A.4.a.b)]

The County has a Water Conservation Ordinance (Title 11, Division 1, Chapter 11.38, Part 4 - 11.38.630) that limits watering of lawns and landscaping and prohibits the discharge of landscape irrigation water onto adjacent property, non-irrigated areas, private and public walkways, roadways, structures, adjoining streets, parking lots, or alleys. The ordinance can be found at [https://www.municode.com/library/ca/los\\_angeles\\_county/codes/code\\_of\\_ordinances?nodeId=16274](https://www.municode.com/library/ca/los_angeles_county/codes/code_of_ordinances?nodeId=16274).

The Los Angeles County Waterworks Districts offers a "Cash for Grass" Rebate Program in the areas it services. This program offers customers a rebate for removing water-inefficient grass with drought-tolerant landscaping, which promotes water conservation. More information on the "Cash for Grass" program can be found at <http://dpw.lacounty.gov/wwd/web/Conservation/CashForGrass.aspx>.

The County also offers Smart Gardening Workshops throughout the region to educate residents about water-wise gardening and landscaping with native drought-tolerant plants. For more information on the Smart Gardening Workshops, visit <http://dpw.lacounty.gov/epd/sg/>.

3.3 Where Receiving Water Limitations were exceeded, describe efforts that were taken to determine whether discharges from the MS4 caused or contributed to the exceedances and all efforts that were taken to control the discharge of pollutants from the MS4 to those receiving waters in response to the exceedances. [Integrated Monitoring Compliance Report (Attachment E - XVIII.A.5.e)]

During this reporting period, no new receiving water limitation exceedances, beyond those being addressed by the approved WMPs and EWMPs, were identified. The County is participating in 11 EWMPs and 1 WMP group, which cover all Unincorporated Areas of the County. The approved WMPs and EWMPs are designed to achieve compliance with receiving water limitations. Accordingly, for existing exceedances that have been identified in the WMPs and EWMPs, the County is implementing actions in accordance with the timelines identified in the WMPs and EWMPs to address them. Pursuant to the provisions of the receiving water limitations and watershed management programs of the permit, compliance with the WMPs and EWMPs constitutes compliance with the receiving water limitations.

✓ See Watershed Form

3.4 If receiving water limitations were exceeded, describe the BMPs that are currently being implemented and additional BMPs, including modifications to current BMPs that will be implemented to prevent or reduce any pollutants that are causing or contributing to the exceedances of receiving water limitations. [Receiving Water Limitations (Integrated Monitoring Compliance Report) (V.A.3.a)]

Current BMPs and additional BMPs to be implemented are described in the County's approved WMPs and EWMPs.

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

 **attach\_3.1\_drinking\_water\_systems\_letter.pdf**

*See Section 3 Attachments for the contents of this file*

## 4: Monitoring

Table 4.1a: Summary of Non-Storm Water Based Screening and Monitoring <sup>2,3</sup>

	Receiving Water	No. of Major Outfalls	No. of Outfalls Screened	Total No. of Outfalls Screened Since 12/28/2012	Total Confirmed	Total Abated	Total Attributed to Allowable Sources	Total No. Being Monitored
1	Alamitos Bay - All	4	Screening of all major outfalls was completed in FY 14-15	4	0	N/A	N/A	0
2	Ballona Creek - All	See watershed form						
3	Dominguez Channel - All	See watershed form						
4	Malibu Creek - All	7	7	7	0	N/A	N/A	0
5	Marina del Rey - All	Due to all the major outfalls being submerged in this watershed, an alternative NSW screening process was approved as part of the CIMP in April 2016. The NSW report will be provided as part of next year's report.						
6	North Santa Monica Bay - All	10	10	10	0	N/A	N/A	0
7	Palos Verdes Peninsula - Machado Lake	See watershed form						

8	Rio Hondo/San Gabriel River - All	See watershed form						
9	Santa Monica Bay J2/J3 - Santa Monica Bay	See watershed form						
10	Upper Los Angeles River - All	See watershed form						
11	Upper San Gabriel River - All	See watershed form						
12	Upper Santa Clara River - All	60	59	59	0	N/A	N/A	0

✓ See Watershed Form

Table 4.1b: Summary of Non-Stormwater Discharges Abated

	Receiving Water	Abatement Method	Total No.
1			
2			
3			

4.2 How many of the conditionally exempt non-stormwater discharges in Part III.A.2.b of the Permit did you determine to be sources of pollutants that caused or contributed to an exceedance of receiving water limitations or WQBELs? If you made that determination, which type(s) of non-stormwater discharges in Part III.A.2.b were sources of pollutants? [Permittee Requirements, Discharge Prohibitions (III.A.4.d)]

See Watershed Form

✓ See Watershed Form



4.3 Document changes to non-stormwater outfall based screening and monitoring program, if applicable. (must be re-assessed once during the permit term) [Outfall Screening and Monitoring Plan Re-assessment (Attachment E - IX.B.2.)]

See Watershed Form

✓ See Watershed Form

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⚠ No files attached

## 5.1: Public Information and Participation Program [VI.D.5]

5.1a) Summarize stormwater pollution prevention public service announcements and advertising campaigns. What pollutants were targeted? What audiences were targeted? Note whether activities were performed by the jurisdiction or as part of a watershed, regional, or county-wide group.

The County, in collaboration with the LACFCD, coordinated a Countywide stormwater billboard media campaign that displayed anti-litter messages on the topic of cigarette butts, and used motor oil and oil filters recycling. Thirteen billboard ads were posted between July 1, 2015, and July 14, 2015, in the following County unincorporated areas: Los Angeles, Avocado Heights, Hacienda Heights, Torrance, Compton, and West Athens.

Additionally, a restaurant Best Management Practices ad was circulated online through the California Restaurant Association website, calrest.org, as a vertical banner. The BMP ad ran online between July 1, 2015, and July 31, 2015.

5.1b) Which of the following public education materials did you distribute? (check yes or no)

Question	Yes or No
Information on the proper handling (i.e. disposal   storage   use) of Vehicle waste fluids?	Yes
Household waste materials (i.e. trash and household hazardous waste including personal care products and pharmaceuticals)?	Yes
Construction waste materials?	No
Pesticides and fertilizers (including integrated pest management practices [IPM] to promote reduced use of pesticides)? Green waste (including lawn clippings and leaves)?	Yes
Animal wastes?	Yes

5.1c) Did you distribute activity specific stormwater pollution prevention public education materials at the following points of purchase? If yes, provide the number of points of purchase within each category (if available).

Category	Yes or No	Number of Points of Purchase (if available)
Automotive Part Stores	Yes	48 Stores

Home Improvement Centers   Lumber Yards   Hardware Stores   Paint Stores	No	
Landscaping   Gardening Centers	No	
Pet Shops   Feed Stores	No	

5.1d) Did you maintain stormwater websites or provide links to stormwater websites via your website, which included educational material and opportunities for the public to participate in stormwater pollution prevention and clean-up activities listed in Part VI.D.4? Provide links to the stormwater websites that you maintained and/or the location on your website where you provide links to stormwater websites.

The County, in collaboration with the LACFCD, maintains a website that provides educational materials and opportunities for public participation towards stormwater pollution prevention and clean-up. The County's website can be accessed at: <http://dpw.lacounty.gov/PRG/StormWater/index.cfm>. Additional stormwater-related information can be found at [www.CleanLA.com](http://www.CleanLA.com).

5.1e) Did you provide materials to educate school children (K-12) on stormwater pollution?

The County provides materials and programs for in-school students enrolled in grades K-12 through classroom lesson plans, assembly presentations, teacher workshops, special events, and service learning projects through the two Countywide School Education Programs.


The County's Environmental Defenders program is designed for students in grades K-6 and the Generation Earth program is designed for students in grades 7-12.

Students have the option to further learn about reducing stormwater pollution prevention through the interactive Environmental Defenders website at: <http://dpw.lacounty.gov/epd/environmental-defenders/>.

5.1f) Did you tailor your public education and outreach program to address watershed priorities since the previous reporting year? If so, identify the watershed priorities addressed. Optional: If you made any changes to your program, elaborate.

The County's Public Information and Participation Program is implemented Countywide and continues to focus on general messaging on stormwater pollution prevention applicable throughout the region.

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 No files attached

## 5.2: Industrial and Commercial Facilities Program [VI.D.6]

5.2a) Answer the questions below: <sup>4</sup>

Question	Answer
Did you maintain and update a watershed-based inventory or database containing the latitude-longitude coordinates of all industrial and commercial facilities within its jurisdiction that are critical sources of stormwater pollution?	Yes
How many commercial facilities identified in Part VI.D.6.b did you inspect? If none explain.	607
As part of the inspections conducted did you evaluate that stormwater and non-stormwater BMPs are being effectively implemented in compliance with municipal ordinances?	Yes
How many initial mandatory compliance inspections did you conduct of industrial facilities identified in Part VI.D.6.b ? If none explain.	478
How many facilities did you refer to the Regional Board for failing to obtain coverage under the Industrial General Permit and-or failure to have a Stormwater Pollution Prevention Plan (SWPPP) available on-site?	28

5.2b) Describe the number and nature of any enforcement actions taken related to the industrial and commercial facilities program.

5 Notices of Violation Compliance (NOVC) for illicit discharges (ID).  
 12 NOVC for deficient Best Management Practices (BMPs).  
 17 NOVC for failure to comply with Stormwater Certificate requirements.  
 30 NOVC for not filing for Stormwater Certificates.  
 34 NOVC for not filing Notice of Intent (NOI) with the Regional Board

5.2c) Did you tailor your Industrial and Commercial Facilities Program to address watershed water quality concerns since the previous reporting year? If so, identify the water quality concerns and describe how the program was tailored to address each concern.

Optional: If you made any changes to your program, elaborate. [Selection of Watershed Control Measures (VI.C.5.b.iv.)]

The County's Industrial and Commercial Facilities Program continues to focus on tracking, education, and regular inspection of source control BMPs of critical industrial and commercial sources within the unincorporated County areas.

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

 No files attached

## 5.3: Planning and Land Development Program [VI.D.7 and Attachment E-XVIII]

5.3a) New Development Projects: Complete the table below. Reporting new development projects by categories is optional. If different categories are used by the Permittee or new development and redevelopment activities are combined, the table may be edited to include those categories and/or information.<sup>5,6,7</sup>

	Receiving Water	Category	Number of Projects Completed	Number of Projects Addressed by Alternative Compliance Measures	Area Addressed by Projects	Est. Total Volume (SWQDv) Retained Onsite (Not Including Alternative Compliance Projects)
1		Development Projects	1	0	4.5	24,840
2		Industrial Parks	0	0	0	0
3		Commercial Malls	6	0	10.05	20,840
4		Retail Gasoline Outlets	0	0	0	0
5		Restaurants	0	0	0	0
6		Parking Lots	3	0	4	9,231
7		Street and Road Construction	0	0	0	0
8		Automotive Service Facilities	0	0	0	0
9		Applicable Projects near Significant Ecological Areas	0	0	0	0
10		Single-family Hillside Homes	0	0	0	0
11		Development Projects				

5.3b) Redevelopment Projects. Complete the table below. Reporting redevelopment projects by categories is optional. If different categories are used by the Permittee or new development and redevelopment activities are combined, the table may be edited to include those categories and/or information.<sup>8,9</sup>

	Receiving Water	Category	Number of Projects Completed	Number of Projects Addressed by Alternative Compliance Measures	Area Addressed by Projects	Est. Total Volume (SWQDv) Retained Onsite (Not Including Alternative Compliance Projects)
1		Industrial Parks	0		0	0
2		Commercial Malls	0		0	0
3		Retail Gasoline Outlets	0		0	0
4		Restaurants	0		0	0
5		Parking Lots	0		0	0
6		Automotive Service Facilities	0		0	0
7		Applicable Projects near Significant Ecological Areas	0		0	0
8		Other	0		0	0
9		Industrial Parks				

5.3c) Planning and Land Development Efforts beyond Permit Requirements. If applicable, describe Planning and Land Development activities that went above and beyond the permit requirements (e.g. stricter LID ordinance, small-site LID). **Tables 5a and 5b** above may be edited or an additional table may be included here to include these activities.

The County requires development projects within its jurisdiction to comply with its LID Ordinance. Projects that require stormwater mitigation under the current MS4 permit are considered “designated” projects as defined in the LID Ordinance. A link to the LID Ordinance is provided below. The LID Ordinance also requires non-designated projects to mitigate for stormwater. Typically, non-designated projects include single family residences and other development projects that do not meet the impervious area threshold for new or redevelopment but are still



required to implement prescribed post-construction BMPs. For this annual reporting period, only the designated projects are reported in Tables 5a and 5b Non-designated projects, projects that are not required to mitigate for stormwater runoff under the current MS4 permit but completed under the County's LID Ordinance, are listed in Tables 6b and 6c. In addition, the County's project tracking system was updated to include reporting categories for new development and redevelopment projects. These two categories will be made distinct in future annual reports. Los Angeles County LID Ordinance:  
[https://www.municode.com/library/ca/los\\_angeles\\_county/codes/code\\_of\\_ordinances?nodeId=TIT12ENPR\\_CH12.84LOIMDEST](https://www.municode.com/library/ca/los_angeles_county/codes/code_of_ordinances?nodeId=TIT12ENPR_CH12.84LOIMDEST)

5.3d) Summary of New and Redevelopment Projects using Alternative Compliance Measures: Complete the table below.<sup>10,11</sup>

	Receiving Water	Category	Number of Projects Constructed	Area Addressed by Projects	Est. Volume Retained	Area Addressed by Biofiltration	Volume Addressed by Biofiltration
1		Onsite Biofiltration	5	10	0	10	17,833
2		Offsite Infiltration	0	0	N/A	N/A	N/A
3		Ground Water Replenishment Projects	0	0	N/A	N/A	N/A
4		Offsite Project - Retrofit Existing Development	0	0	N/A	N/A	N/A
5		Regional Storm Water Mitigation Program	0	0	N/A	N/A	N/A

5.3e) Alternative Compliance Measures - Offsite Projects [VI.D.7.c.iii.5.f]: (If Applicable) Complete the table below.<sup>12</sup>

	Pending Offsite Projects	Location	General Design Concept	Volume of Water Expected to Be Retained	Total Estimated Budget
1	N/A	N/A	N/A	N/A	N/A
2					
3					

5.3f) Alternative Compliance Measures - Regional Storm Water Mitigation Program [VI.D.7.c.vi]: (If Applicable) Complete the table below.<sup>13</sup>

	Mitigation Program	Description	Area Addressed by Mitigation Program (in Acres)	Estimated Flow Reduction (from submitted design specifications)	Cumulative Number of New and Redevelopment Projects	Addressed by Project Flow Reduction Which Would Have Been Achieved by Retaining SWQDv on-site
1	N/A	N/A	N/A	N/A	N/A	N/A
2						
3						

5.3g) Control Measures for Projects Greater than 50 Acres [Attachment E - XVIII.A.6.e]: (If Applicable) Provide a detailed description of control measures to be applied to new development or redevelopment projects disturbing more than 50 acres:

Projects greater than 50 acres must comply with Ordinance 2013-0044 amending Chapter 12.84 of Title 12 - Environmental Protection of the Los Angeles County Code. This ordinance sets Low Impact Development, water quality, and hydromodification standards. Hydromodification Control Requirements is on pages 15-17, Section 12.84.445 of the Ordinance. In addition, projects larger than 50 acres are required to undergo a rigorous grading permit approval process including ensuring that all stormwater best management practices are addressed in accordance to the MS4 Permit and LID Ordinance requirements.

5.3h) Describe the number and nature of any enforcement actions taken related to the planning and land development program.

There were no enforcement actions taken related to the Planning and Land Development Program during this reporting period.

5.3i) If any of the requested information cannot be obtained, provide a discussion of the factor(s) limiting its acquisition and steps that will be taken to improve future data collection efforts.

All information requested is being tracked in the County's permitting system. Next year, the tracking of redevelopment projects will include the type of priority project.

## 5.4: Development Construction Program [VI.D.8]

5.4a) Part 1 - Answer the questions below regarding construction sites 1 acre and greater [VI.D.8.e-j].<sup>14</sup>

Question	Yes or No
Did you use an electronic system to inventory 1) grading permits 2) encroachment permits 3) demolition permits 4) building permits or 5) construction permits (and any other municipal authorization to move soil and/or construct or destruct that involves land disturbance) that you issued?	Yes
Did you track the date that you approved the Erosion and Sediment Control Plans (ESCP) or CGP SWPPPs for new sites permitted and sites completed?	Yes
Did you develop procedures to review and approve an ESCP (or a SWPPP prepared in accordance with the requirements of the Construction General Permit) that contains appropriate site-specific construction site BMPs that meet the minimum requirements of a Permittee's erosion and sediment control ordinance?	Yes

5.4a) Part 2 - Answer the questions below regarding construction sites 1 acre and greater [VI.D.8.e-j].<sup>14</sup>

Question	Answer
How many inspections for the inventoried construction sites were conducted during the reporting period?	375
How many sites within your jurisdiction discharge to a tributary listed by the state as an impaired water for sediment or turbidity under the CWA 303(d)? If not zero answer questions (a) - (c) below.	6
(a) How many inspections did you conduct during the reporting period when two or more consecutive days with greater than 50% chance of rainfall were predicted by NOAA?	47
(b) How many inspections did you conduct within 48 hours of a half-inch rain event?	9
(c) How many additional inspections did you conduct to meet the at least once every two weeks inspection frequency requirement?	22
How many sites within your jurisdiction were determined to be a significant threat to water quality? If not zero answer questions (d) - (f) below.	25

(d) How many inspections did you conduct during the reporting period when two or more consecutive days with greater than 50% chance of rainfall are predicted by NOAA	40
(e) How many inspections did you conduct within 48 hours of a half-inch rain event?	8
(f) How many additional inspections did you conduct to meet the at least once every two weeks inspection frequency requirement?	22
How many construction sites within your jurisdiction posed no significant threat to water quality and did not discharge to a tributary listed by the state as an impaired water for sediment or turbidity under the CWA 303(d)? If not zero answer question (g) below.	51
(g) How many inspections of those sites did you conduct during the reporting period to meet the minimum monthly inspection frequency requirement?	36
How many completed construction sites did you inspect to ensure that all graded areas have reached final stabilization and that all 1) trash 2) debris 3) and 4) construction materials and temporary erosion and sediment BMPs have been removed?	19

5.4b) Answer the following question regarding construction sites less than 1 acre in area [VI.D.8.d]:

Question	Yes or No
For construction sites less than 1 acre did you require the implementation of an effective combination of erosion and sediment control BMPs from Table 12 of the LA County MS4 Permit to prevent erosion and sediment loss and the discharge of construction wastes through the use of the Permittee's erosion and sediment control ordinance or building permit?	Yes

5.4c) How did you ensure that all staff whose primary job duties are related to implementing the construction stormwater program is adequately trained? [VI.D.8.I]

An annual refresher class was provided to all building inspectors. Weekly inspection reports are submitted to the area supervisors and reviewed. BMPs are discussed at weekly job meetings and at quarterly inspectors meetings. All plan check engineers, office managers, and inspectors are trained on the requirements of the Development Construction Program and stormwater BMPs.

5.4d) Describe the number and nature of any enforcement actions taken related to the development construction program.

The County issued 139 notices of violation during this reporting period with the same number of follow-ups. Enforcement action was taken against two projects. One was taken to court and found to be in violation; the other received a letter and subsequently complied.

5.4e) Did you tailor your Development Construction Program to address watershed water quality concerns since the previous reporting year? If so, identify the water quality concerns and describe how the program has been tailored to address each concern. Optional: If you made any changes to your program, elaborate. [Selection of Watershed Control Measures (VI.C.5.b.iv.)]

The County's Development Construction Program continued to focus on inspections of constructions sites for implementation of applicable BMPs as described in the MS4 Permit.

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

 No files attached

## 5.5: Public Agency Activities Program (VI.D.9)

5.5a) Answer the following questions:

Question	Yes or No
Did you maintain an updated inventory of all Permittee-owned or operated (i.e. public) facilities within your jurisdiction that are potential sources of stormwater pollution?	Yes
Did you develop an inventory of retrofiting opportunities that meets the requirements of Part VI.D.9.d. of the LA MS4 Permit?	Yes
Were all Permittee-owned parking lots exposed to storm water cleaned at least once per month?	Yes

5.5b) What did you do to ensure effective source control BMPs for the activities listed in Table 18 of the LA MS4 Permit were implemented at Permittee-owned or operated facilities?:

Tailgate meetings and regular inspections were completed to ensure that the General and Activity Specific BMPs listed in Table 18 were in use at the County's facilities and when conducting the specified activities.

5.5c) What procedures (or standardized protocol) did you implement to try to ensure there was no application of pesticides or fertilizers (1) when two or more consecutive days with greater than 50% chance of rainfall are predicted by NOAA, (2) within 48 hours of a ½-inch rain event, or (3) when water is flowing off the area where the application is to occur?

The weather forecasts provided by NOAA and weather.com were consulted daily. Pesticides and fertilizers were not applied if precipitation was expected during the next three days. Applicators were informed daily via cell phone of the expected weather to ensure applicable protocols were followed. At many facilities, no fertilizers or pesticides were used on the landscaped areas. In addition, a Countywide Integrated Pest Management (IPM) Program was developed that clearly describes the procedures and appropriate timing for pesticide and fertilizer application. More information on the Countywide IPM Program can be found at [www.LACountyIPM.org](http://www.LACountyIPM.org).

5.5d) How did you ensure employees in targeted positions (whose interactions, jobs, and activities affect stormwater quality) were trained on the requirements of the overall stormwater management program, and contractors performing privatized/contracted municipal services were appropriately trained?

Annual training was conducted for both field and office staff in targeted positions. Tailgate meetings were held for field staff to ensure awareness of stormwater pollution prevention BMPs. Records of the annual training are kept

on file. For residents, private developers, and contractors, the County of Los Angeles has available various procedures manuals and guides such as: Construction Site Best Management Practices (BMPs) Manual, BMP/SWPPP Staff Guide, and the Storm Water Pollution Prevention Plan (SWPPP) Manual, which provide information regarding stormwater mitigation guidelines for development and construction. In addition, projects submitted and/or deemed complete after the effective date of the MS4 Permit are subject to the County of Los Angeles' LID Ordinance. All applicants are required to conform with the applicable requirements in the final engineering documents for their projects.

5.5e) Public Agency Retrofit Projects: (If Applicable) Complete **Table 5f** below.<sup>15</sup>

Category	Number of Projects Constructed	Acres of Effective Impervious Area disconnected from MS4	Est. Total Runoff Volume retained onsite
Retrofit Projects			
Other Projects that intercept runoff	Refer to Table 6e		
Watershed TMDL related projects	Refer to Table 6d		

✓ See Watershed Form

5.5f) Catch Basin Inspection and Cleaning Schedule (VI.D.9.h.vii.). Complete the table below for areas with no Trash TMDL:

Priority	Number of Catch Basins	Inspections Performed	Number Cleaned
A	8	8	8
B	3	3	3
C	598	598	598

5.5g) In areas that are not subject to a trash TMDL and when outfall trash capture is provided, provide any revisions to the schedule for inspection and cleanout of catch basins:

The County did not utilize outfall trash capture systems.

5.5h) Channels and Drainage Structures: Complete the table below.

Type	Miles of Open Channel	Description of Structure(s)	Frequency of Inspection	Debris Removed Prior to Wet Season (pounds)	Additional Notes
Open Channel	0.5		Annually	100-150 CY	
Other					

5.5i) Street Sweeping: Complete the table below:

Total Curb Miles	Curb Miles Swept
Priority A (greater than once per month)	3654
Priority B (once per month)	0
Priority C (as needed once per year minimum)	0

5.5j) Did you tailor your Public Agency Activities Program to address watershed water quality concerns since the previous reporting year? If so, identify the water quality concerns and describe how the program has been tailored to address each concern. Optional: If you made any changes to your program, elaborate. [Selection of Watershed Control Measures (VI.C.5.b.iv.)]

The County's Public Agency Activities Program continues to focus on appropriate implementation of BMPs at its facilities and during its activities as described in the Permit. Streets with curbs are swept weekly, which is more frequent than the Permit requires.

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

 No files attached



## 5.6: Illicit Connections and Illicit Discharges Elimination Program (VI.D.10)

5.6a) Answer the following questions regarding Illicit Discharges [VI.D.10.b] <sup>16</sup>

Question	Number
How many reports of illicit discharges did you respond to?	45
How many investigation(s) did you initiate to identify and locate the source of reported illicit discharges?	19

5.6b) Provide summary of actions taken to eliminate illicit discharges consistent with IC/ID requirements.

Field staff immediately responds to reported spills and illicit discharges, barricades the area, and contains any observed spills or discharges. If discharged material is identified as oil or paint, and it does not exceed a total volume of five gallons or 50 lbs., the County's Road Maintenance Division (RMD) collects and transfers it to a permitted hazardous waste storage site. If the discharged material is not identified as oil or paint, or exceeds a total volume of five gallons or total weight of 50 lbs., field staff contacts a vendor for immediate clean up and files a Hazardous Material Release Response (HMRR) report. If a responsible party of the spill is identified, the responsible party is billed for the cleanup. Situations requiring formal enforcement (e.g., warning letter, Notice of Violation, referral to District Attorney, etc.) are referred to the County's Environmental Programs Division (EPD). Subsequent to such referrals, EPD follows the enforcement procedures for eliminating illicit discharges. This information is then entered into a database for tracking. If the spill is a plastic pellet spill, the Regional Board is notified within 24 hours of the County becoming aware of the spill.

Note for Question 5.6c - Some connection investigations are still ongoing, other resulted in permits being issued, and the rest of the connections were found to be permitted, but had not been properly documented.

5.6c) Answer the following questions regarding Illicit Connections [VI.D.10.c]: <sup>17</sup>

Question	Number
How many investigations did you initiate upon discovery or upon receiving a report of a suspected illicit connection?	0
For the reported illicit connections for which you initiated an investigation, how many were eliminated within 180 days of completion of the illicit connection investigation? Note: If the number of illicit connections investigated does not equal the number of illicit connections eliminated, please attach supplemental PDF explaining why at end of section.	0

For investigations initiated, for how many inspections did you determine the following: (1) Source of the connection.	0
For investigations initiated, for how many inspections did you determine the following: (2) Nature and volume of discharge through the connection.	0
For investigations initiated, for how many inspections did you determine the following: (3) Responsible party for the connection.	0

5.6d) Answer the following questions regarding Public Hotline and Training [VI.D.10.d and VI.D.10.f]

Question	Yes or No
Did you maintain or provide access to a hotline to enable the public to report illicit discharges/connections?	Yes
Did you continue to implement a training program regarding the identification of IC/IDs for all municipal field staff who as part of their normal job responsibilities (e.g. street sweeping   storm drain maintenance   collection system maintenance   road maintenance) may come into contact with or otherwise observe an illicit discharge or illicit connection to the MS4?	Yes

5.6e) Describe the number and nature of any enforcement actions taken related to the illicit connections and illicit discharges elimination program.

Six illicit discharges required enforcement resulting in notices of violations issued. Illicit connections are reported for enforcement action including notices to the responsible party to remove the connections.

5.6f) Did you tailor your Illicit Connections and Illicit Discharges Elimination Program to address watershed water quality concerns since the previous reporting year? If so, identify the water quality concerns and describe how the program has been tailored to address each concern. Optional: If you made any changes to your program, elaborate. [Selection of Watershed Control Measures (VI.C.5.b.iv.)]

The County's Illicit Connections and Illicit Discharges Elimination Program continues to focus on identification, investigation, and elimination of all IC/ID's in the unincorporated County areas.

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

 No files attached

## 5.7: Enhanced MCMs and MCM Modifications

5.7a) (If applicable) Describe any *enhanced* or other MCMs or additional institutional controls that were implemented during the reporting year, including, at a minimum, all commitments related to MCM implementation specifically identified in a WMP or EWMP with deadlines within the reporting year.

The County of Los Angeles has incorporated regenerative sweepers in its street cleaning program. The County has also installed full capture devices in various watersheds. Accordingly, the catch basins that have been retrofitted are cleaned at an increased frequency. See Attachment 8.2.

5.7b) (If applicable) Describe any anticipated changes to MCMs next year requiring Regional Water Board approval:

N/A

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

 No files attached

## 6: Stormwater Control Measures Summary

6.1 Effective Impervious Area [Attachment E, XVIII.A.1]: Summarize the estimated cumulative change in percent EIA since the effective date of the Permit for the entire area covered by the WMP/EWMP and, if possible, the estimated change in the stormwater runoff volume during the 85th percentile, 24-hour storm event for the entire area covered by the WMP/EWMP. Complete the table below. <sup>18</sup>

	Receiving Water	Date Effective	Impervious Area (acres)	Estimated Stormwater Runoff Volume During 85th Percentile 24-hour Storm (if available)
1		12/28/12	Not available	Not available
2		Current	Not available	Not available
3				

6.2a Summary of Projects that Retain Runoff (including New and Redevelopment Projects); Complete the summary tables below.

	Receiving Water	Number of New Development/Re-development Projects Completed in Reporting Year	Number of Other Projects Designed to Intercept Runoff Completed in Reporting Year	Area Addressed by Projects	Total BMP Retention Capacity of Projects
1	Upper Los Angeles River - Aliso Wash	1		0.00 ac	0.039 ac-ft
2	Upper Los Angeles River - Arroyo Seco	3		9.38 ac	0.378 ac-ft
3	Ballona Creek - Ballona Creek	2		0.06 ac	0.047 ac-ft
4	Upper Santa Clara River - Castaic Creek	1		0.05 ac	0.001 ac-ft
5	Upper Los Angeles River - Compton Creek	25		2.36 ac	0.073 ac-ft
6	Upper San Gabriel River - Coyote Creek	3		2.71 ac	0.301 ac-ft
7	Dominguez Channel - Dominguez Channel	2		0.43 ac	0.010 ac-ft

8	Dominguez Channel - Dominguez Estuary	4		5.47 ac	0.425 ac-ft
9	Dominguez Channel - LA Harbor	1		0.20 ac	0.008 ac-ft
10	Rio Hondo/San Gabriel River - All	9		0.89 ac	0.021 ac-ft
11	Upper Los Angeles River - Los Angeles River--below Sepulveda Basin	16		2.36 ac	0.243 ac-ft
12	Upper Los Angeles River - All	1		0.00 ac	0.011 ac-ft
13	Malibu Creek - Medea Creek	1		0.43 ac	0.005 ac-ft
14	Upper Santa Clara River - Mint Canyon	1		1.85 ac	0.000 ac-ft
15	Upper San Gabriel River - Puente Creek	3		0.23 ac	0.005 ac-ft
16	Upper Los Angeles River - Rio Hondo	17		2.70 ac	0.062 ac-ft
17	Upper San Gabriel River - San Gabriel River	4		0.30 ac	0.007 ac-ft
18	Upper San Gabriel River - San Jose Creek	8		2.38 ac	0.021 ac-ft
19	Upper Santa Clara River - Santa Clara River Reach 7	3		15.53 ac	0.000 ac-ft
20	North Santa Monica Bay - All	3		1.15 ac	0.002 ac-ft
21	Malibu Creek - Triunfo Canyon Creek	1		7.78 ac	0.000 ac-ft

22	Upper Los Angeles River - Verdugo Wash	6			0.50 ac	0.024 ac-ft
23	Upper San Gabriel River - Walnut Creek	2			1.90 ac	0.049 ac-ft
24	Dominguez Channel - Wilmington Drain	1			4.70 ac	0.177 ac-ft

## 6.2b Cumulative Summary of Projects that Retain Runoff Completed since the Permit Effective Date

	Receiving Water	Number of New Development/Re-development Projects Completed Since Permit Start	Number of Other Projects Designed to Intercept Runoff Completed Since Permit Start	Area Addressed by Projects Completed Since Permit Start	Total BMP Retention Capacity of Projects Completed Since Permit Start	Est. Total Runoff Volume Retained Onsite for the Reporting Year
1	Upper Los Angeles River - Aliso Wash	1		0.00 ac	0.04 ac-ft	0.232 ac-ft
2	Upper Los Angeles River - Arroyo Seco	11	3	14.80 ac	0.62 ac-ft	3.736 ac-ft
3	Ballona Creek - Ballona Creek	5	3	0.87 ac	0.09 ac-ft	0.521 ac-ft
4	Upper Santa Clara River - Bouquet Creek	1		0.77 ac	0.02 ac-ft	0.107 ac-ft

5	Upper Los Angeles River - Browns Canyon Wash	1		0.77 ac	0.00 ac-ft	0.000 ac-ft
6	Upper Santa Clara River - Castaic Creek	3		1.11 ac	0.05 ac-ft	0.330 ac-ft
7	Ballona Creek - Centinela Creek		2	0.09 ac	0.00 ac-ft	0.014 ac-ft
8	Upper Los Angeles River - Compton Creek	57	3	35.45 ac	1.25 ac-ft	7.526 ac-ft
9	Upper San Gabriel River - Coyote Creek	14		5.38 ac	0.45 ac-ft	2.699 ac-ft
10	Dominguez Channel - Dominguez Channel	13	7	5.76 ac	0.27 ac-ft	1.606 ac-ft
11	Dominguez Channel - Dominguez Estuary	6		6.37 ac	0.46 ac-ft	2.781 ac-ft
12	Dominguez Channel - LA Harbor	1		0.20 ac	0.01 ac-ft	0.049 ac-ft
13	Rio Hondo/San Gabriel River - All	26		2.89 ac	0.07 ac-ft	0.419 ac-ft



14	Upper Los Angeles River - Los Angeles River--above Sepulveda Basin	4	3	0.89 ac	0.02 ac-ft	0.150 ac-ft
15	Upper Los Angeles River - Los Angeles River--below Sepulveda Basin	42	2	11.84 ac	0.61 ac-ft	3.672 ac-ft
16	Upper Los Angeles River - All	1		0.00 ac	0.01 ac-ft	0.069 ac-ft
17	Palos Verdes Peninsula - Machado Lake	2		0.40 ac	0.01 ac-ft	0.062 ac-ft
18	Malibu Creek - Malibu Creek	1		0.94 ac	0.00 ac-ft	0.029 ac-ft
19	Malibu Creek - Medea Creek	3		2.38 ac	0.02 ac-ft	0.117 ac-ft
20	Upper Santa Clara River - Mint Canyon	4		15.63 ac	0.00 ac-ft	0.000 ac-ft
21	Upper San Gabriel River - Puddingstone Reservoir	3		75.98 ac	0.10 ac-ft	0.613 ac-ft
22	Upper San Gabriel River - Puente Creek	6	1	0.73 ac	0.02 ac-ft	0.109 ac-ft
23	Upper Los Angeles River - Rio Hondo	51	5	18.52 ac	0.42 ac-ft	2.510 ac-ft

24	Upper Santa Clara River - San Francisquito Creek	1			2.67 ac	0.00 ac-ft	0.000 ac-ft
25	Upper San Gabriel River - San Gabriel River	14	5		7.75 ac	0.21 ac-ft	1.259 ac-ft
26	Upper San Gabriel River - All		2		0.14 ac	0.00 ac-ft	0.021 ac-ft
27	Rio Hondo/San Gabriel River - All	2			0.18 ac	0.00 ac-ft	0.025 ac-ft
28	Upper San Gabriel River - San Jose Creek	24	50		25.48 ac	0.73 ac-ft	4.365 ac-ft
29	Upper Santa Clara River - Santa Clara River	1			0.50 ac	0.00 ac-ft	0.000 ac-ft
30	Upper Santa Clara River - Santa Clara River Reach 7	8			30.07 ac	0.05 ac-ft	0.284 ac-ft
31	North Santa Monica Bay - All	10			10.01 ac	0.21 ac-ft	1.285 ac-ft
32	Santa Monica Bay J2/J3 - Santa Monica Bay		1		0.03 ac	0.00 ac-ft	0.004 ac-ft
33	Upper Santa Clara River - South Fork Santa Clara River	1			2.86 ac	0.15 ac-ft	0.921 ac-ft

34	Malibu Creek - Stokes and Las Virgenes Creeks	1		0.60 ac	0.03 ac-ft	0.173 ac-ft
35	Marina del Rey - Marina del Rey Harbor - Back Basins		2	3.90 ac	0.31 ac-ft	1.866 ac-ft
36	Marina del Rey - Marina del Rey Harbor - Front Basins	1		6.26 ac	0.36 ac-ft	2.153 ac-ft
37	Marina del Rey - Ballona Lagoon	1		8.00 ac	0.41 ac-ft	2.480 ac-ft
38	Malibu Creek - Triunfo Canyon Creek	6		12.30 ac	0.03 ac-ft	0.205 ac-ft
39	Upper Los Angeles River - Verdugo Wash	14		1.61 ac	0.05 ac-ft	0.297 ac-ft
40	Upper San Gabriel River - Walnut Creek	6		4.93 ac	0.08 ac-ft	0.460 ac-ft
41	Dominguez Channel - Wilmington Drain	2		6.30 ac	0.27 ac-ft	1.609 ac-ft

6.3 Regional Projects Completed in Reporting Year: Complete the table below for any regional projects completed in the reporting year.

	Receiving Water	Name of Project	Completion Date	Capacity of BMP	Drainage Area Addressed by Project (in acres)	Est. Total Runoff Volume Retained for the Reporting Year (if available)
1		N/A	N/A	N/A	N/A	N/A
2						
3						
4						

✓ See Watershed Form

6.4 Green Streets Completed in Reporting Year: Complete the table below for any green streets projects completed in the reporting year.

	Receiving Water	Name of Project	Completion Date	Miles of Street Addressed by Project	Capacity of BMP	Drainage Area Addressed by Project (in acres)	Est. Total Runoff Volume Retained for the Reporting Year (if available)
1	Upper San Gabriel River - San Jose Creek	Tranbarger Street, et al - s/s Addis St 85' e/o Edmore Ave	10/26/2015	N/A	0.0003 ac-ft	0.01	0.002 ac-ft
2	Upper San Gabriel River - San Jose Creek	Tranbarger Street, et al - w/s Annadel Ave 25' n/o Cronin Dr	10/26/2015	N/A	0.0003 ac-ft	0.01	0.002 ac-ft
3	Upper San Gabriel River - San Jose Creek	Tranbarger Street, et al - s/s Addis St 110' e/o Edmore Ave	10/26/2015	N/A	0.0003 ac-ft	0.01	0.002 ac-ft
4	Upper San Gabriel River - San Jose Creek	Los Palacios Drive, et al - Batson Avenue and Los Palacios Drive (East Side)	3/31/2016	N/A	0.0008 ac-ft	0.03	0.005 ac-ft
5	Upper San Gabriel River - San Jose Creek	Los Palacios Drive, et al - Batson Avenue and Los Palacios Drive (West Side)	3/31/2016	N/A	0.0008 ac-ft	0.03	0.005 ac-ft

6	Upper San Gabriel River - San Jose Creek	Los Palacios Drive, et al - Los Palacios Drive W/O Escalada Avenue	3/31/2016	N/A	0.0008 ac-ft	0.03	0.005 ac-ft
7	Upper Los Angeles River - Rio Hondo	Green & Brandon Street - Bioretention Swale & Infiltration Basin	8/18/2015	N/A	0.1469 ac-ft	5.88	0.884 ac-ft
8	Upper Los Angeles River - Rio Hondo	Green & Brandon Street - Pervious Pavement	8/18/2015	N/A	0.0551 ac-ft	2.20	0.332 ac-ft
9	Santa Monica Bay J2/J3 - Santa Monica Bay	Coastline Drive - Tree Wells	6/1/2016	N/A	0.0007 ac-ft	0.03	0.004 ac-ft

6.5 Riparian Buffer and Wetland Restoration Projects: Complete the table below for any riparian buffer or wetland restoration projects completed in the reporting year. <sup>19</sup>

	Receiving Water	Name of Project	Completion Date	Description of Project
1		N/A	N/A	N/A
2				
3				

6.6 Additional Projects Completed During the Reporting Year: Complete the table below for other projects (not included above) that were completed in the reporting year.

Receiving Water	Name of Project	Type of Project	Completion Date	Drainage Area Addressed by Project (in acres)	Est. Total Runoff Volume Retained for the Reporting Year (if available)	BMP Capacity and Additional Notes

1	Marina del Rey - All	Oxford Basin Multiuse Enhancement Project	Multiuse Enhancement Project	May 2016	700		Removal of contaminated sediment and increase of dissolved oxygen due to circulation berm
2							
3							
4							

6.7 Status of Multi-Year Efforts: Provide the status of multi-year efforts, including TMDL implementation (not including Trash TMDLs), that were not completed in the current year and will continue into the subsequent year(s). For multi-year efforts, report on progress towards future milestones related to multi-year projects. Include the status of the project, which includes the status with regard to standard project implementation steps. These steps include, but are not limited to, adopted or potential future changes to municipal ordinances to implement the project, site selection, environmental review and permitting, project design, acquisition of grant or loan funding and/or municipal approval of project funding, contractor selection, construction schedule, start-up, and effectiveness evaluation (once operational), where applicable. If applicable, for green streets implementation, Permittees shall report on progress toward a structured approach identifying a sufficient number of green streets projects to meet compliance milestones (e.g., a green streets master plan). Also, include the following information:

- Name
- Subwatershed
- Receiving Water
- Project Type
- Location / Latitude and Longitude
- Permittee(s) Involved
- Status
- Expected Completion Date

The County of Los Angeles has formed an internal Green Streets Task Force to improve the effectiveness of the County's existing Green Infrastructure Guidelines and develop procedures for prioritizing locations for green street features.

See Attachment 6.7

6.8 Effectiveness Assessment of Stormwater Control Measures [Attachment E - XVIII.A.2]: Provide the following:

- An assessment as to whether the quality of stormwater discharges as measured at designated outfalls is improving, staying the same or declining;
- An assessment as to whether wet-weather receiving water quality within the jurisdiction of the Permittee is improving, staying the same or declining, when normalized for variations in rainfall patterns.
- A description of efforts that were taken to address stormwater discharges that exceeded one or more applicable water quality based effluent limitation, or caused or contributed to aquatic toxicity;
- Additional information on the status multi-year efforts not provided in the previous sections of this report.
- Any additional information on storm water control measure effectiveness that the Permittee would like to highlight.

See Watershed Form

✓ See Watershed Form

6.9 Integrated Monitoring Compliance Report, Stormwater Control Measures [Attachment E - XVIII.A.5.d]: Provide a description of efforts that were taken to address stormwater discharges that exceeded one or more applicable water quality based effluent limitation, or caused or contributed to aquatic toxicity:

See Watershed Form

6.10 Data Limitations: If any of the requested information cannot be obtained, provide a discussion of the factor(s) limiting its acquisition and steps that will be taken to improve future data collection efforts.

Question 6.1: Reporting of Effective Impervious Area (EIA) requires information that is not currently available and is difficult to accurately derive. Therefore, the information for the County of Los Angeles is not reportable at this time. Nonetheless, pursuant to Part XVIII.A.1.i of the Monitoring and Reporting Program, the County provides the following discussion of the factors limiting the acquisition of the requested EIA information.

The County has jurisdictions that encompass thousands of square miles of various types of developments and land use. The information required to derive the baseline EIA from the inception of the 2012 Permit will require numerous assumptions about land use categories with respect to their impervious area ratio and numbers of parcels with hydrologically disconnected impervious areas. Additionally, field work would be required to verify assumptions when possible.

To evaluate the change in EIA, the County is working to track project features for completed new development and redevelopment projects, including area addressed by BMPs that intercept runoff. To improve the County's ability to estimate the baseline EIA and cumulative change in percent EIA, the County requests the Regional Board provide guidance regarding the calculation of EIA for consistent application among all Permittees.

See Watershed Form

6.11 (optional) Additional Information: If available, the Permittee may include / attach the following items to their report:

- Hydrographs and Flow Data: Hydrographs or flow data of pre- and post-control activity for the 85th percentile, 24-hour rain event, if control measures were designed to reduce impervious cover or stormwater peak flow and flow duration.
- Reference Watershed Flow Duration Curves: For natural drainage systems, develop a reference watershed flow duration curve and compare it to a flow duration curve for the subwatershed under current conditions.
- GIS Project Files: If available, submit a GIS project file that maps all implementation of on-the-ground projects (e.g. riparian buffer/wetland restoration; distributed/green streets; regional projects; new development and redevelopment on-site; and new development and redevelopment off-site).

⚠ No files attached

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

 **attach\_6.7\_multi-year\_project\_listing\_rev\_12-6.pdf**

*See Section 6 Attachments for the contents of this file*



## 7: Non-Stormwater Control Measures Summary

7.1 Summarize actions and projects related to addressing non-stormwater discharges. Include the specific non-stormwater actions completed within the WMG's jurisdictional area during the reporting year and, if applicable, the estimated total runoff volume (cf) retained on site by the implemented projects:

The non-stormwater outfall monitoring program as described in the approved CIMP's has just begun. It is expected that future annual reports will include a detailed description of actions and projects to address non-stormwater discharges as more data is collected and analyzed. For additional information regarding the CIMP's and adaptive management through the WMP and EWMP's, see response to Question 3.3.

7.2 Provide a description of efforts that were taken to mitigate and/or eliminate all non-stormwater discharges that exceeded one or more applicable water quality based effluent limitations, non-stormwater action levels, or caused or contributed to Aquatic Toxicity [Attachment E - XVIII.A.5.c]:

The non-stormwater outfall monitoring program as described in the approved CIMP's has just begun. It is expected that future annual reports will include a detailed description of efforts made to mitigate non-stormwater discharges that exceed effluent limits and action levels as more data is collected and analyzed. For additional information regarding the CIMP's and adaptive management through the WMP and EWMP's, see response to Question 3.3.

7.3 Provide the status of multi-year efforts, including TMDL implementation, related to the implementation or effectiveness assessment of non-stormwater control measures, that were not completed in the current year and will continue into the subsequent year(s) [Attachment E - XVIII.A.3]:

See responses to Questions 3.3 and 8.2.

7.4 Provide an assessment of the effectiveness of the Permittee control measures in effectively prohibiting non-stormwater discharges through the MS4 to the receiving water. Additionally, include information quantifying the effectiveness of Storm Water Control Measures (Section 6 of this form) in addressing non-storm water discharges. This information should include the estimated amount of non-storm water flows captured by the storm water control measures implemented throughout the watershed and a description of the methodology and assumptions used to quantify effectiveness. [Attachment E - XVIII.A.4]:

The County through its ordinances prohibits all unauthorized non-stormwater discharges through its MS4. The outfall screening and monitoring program is expected to further reduce non-exempt discharges through the MS4.

See responses to Questions 7.2 and 3.3.

7.5 Provide an assessment as to whether the quality of non-stormwater discharges as measured at monitored outfalls is improving, staying the same or declining.

See Watershed Form

✓ See Watershed Form

7.6 Provide an assessment as to whether receiving water quality within the jurisdiction of the Permittee is impaired, improving, staying the same or declining during dry-weather conditions. Each Permittee may compare water quality data from the reporting year to previous years with similar dry-weather flows, conduct trends analysis, draw from regional bioassessment studies, or use other means to develop and support its conclusions.

See Watershed Form

✓ See Watershed Form

7.7 Describe sources of significant non-stormwater discharges determined to be a NPDES permitted discharge, a discharge subject to A Record of Decision approved by USEPA pursuant to section 121 of CERCLA, a conditional exempt essential non-stormwater discharge, or entirely comprised of natural flows. [Attachment E - IX.F.2]

Refer to Table 4a and Watershed Form.

✓ See Watershed Form

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

⚠ No files attached

## 8: TMDL Reporting

8.1 For Permittees subject to Trash TMDLs, submit a Trash TMDL Compliance Report detailing compliance with applicable interim and/or final effluent limitations. For Permittees demonstrating compliance using full capture systems, partial capture systems, and/or institutional controls, use the Excel worksheet found at:

[http://www.waterboards.ca.gov/losangeles/water\\_issues/programs/stormwater/municipal/trash/index.shtml](http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/trash/index.shtml)

**attach\_8.1\_trash\_tmdl\_reports.pdf**

*See Section 8 Attachments for the contents of this file*

8.2 Report on progress toward achieving interim or final milestones/WQBELs/RWLs based on applicable compliance schedules in Attachments L-R and any additional milestones and corresponding deadlines in an approved WMP/EWMP. If this information is reported in another document (e.g. Annual Report Watershed Form) or an attachment, clearly state and provide a reference to the pertinent document and section.

TMDL reporting items required per the applicable schedules outlined in Attachment E, Section XIX.A through XIX.G of the Permit may be provided here or as an attachment to this report.

See Attachment 8.2

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

**attach\_8.2\_tmdl\_summary\_report.pdf**

*See Section 8 Attachments for the contents of this file*

## 9: WMP/EWMP Schedules and Implementation

9.1 (If applicable) Provide comparison of control measures completed to date with control measures projected to be completed to date in the Permittee’s jurisdictional area. List control measures projected to be completed within the next two years and the projected completion dates, as well as the status of implementation and funding. This also includes additional “enhanced” MCMs, institutional controls, and nonstructural BMPs that are not part of the permit’s minimum control measures. [Watershed Management Program Adaptive Management Process (VI.C.8.a)]:

	Control Measures	Projected Completion (Date)	Actual Completion (Date)	Status of Implementation	Status of Funding
1					
2					
3					

9.2 (If applicable) Describe any modifications, including where appropriate new compliance deadlines and interim milestones, with the exception of those compliance deadlines established in a TMDL, necessary to improve the effectiveness of the WMP/EWMP.

N/A

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

 No files attached

## 10: Watershed Hydrology

10.1a) Watershed Summary Information, Organization, and Content: Provide the information below in the odd year Annual Report (e.g. Year 1/ 3/ 5)<sup>20</sup> or any updates to the information below if previously provided. The requested information shall be provided for each watershed within the Permittee's jurisdiction [Attachment E - XVII]:

Provide the following information related to the Watershed Management Area:

1. Description of effective TMDLs, applicable WQBELs, receiving water limitations, implementation and reporting requirements, and compliance dates;
2. List of CWA Section 303(d) listings not addressed by TMDLs.
3. Results of regional bioassessment monitoring. (If applicable, a reference to the SMC will suffice here.)
4. Description of known hydromodification effects to receiving waters.
5. Description and location of natural drainage systems.
6. Description of groundwater recharge areas, including number and acres.
7. Maps and/or aerial photographs identifying ESAs, ASBS, natural drainage systems, and groundwater recharge areas.

This Annual Report, Year 15-16, is an even year report, so updates to the information requested will be provided in next odd year's annual report or future updates to the WMPs and EWMPs.

✓ See Watershed Form

10.1b) Provide the following information related to the Subwatershed (HUC-12):

1. Description including HUC-12 number, name and a list of all tributaries named in the Basin Plan.
2. Land Use map of the HUC-12 subwatershed.
3. 85th percentile, 24-hour rainfall isohyetal map for the HUC-12 subwatershed, with identification of 85th percentile, 24-hour volume for the HUC-12 subwatershed.
4. One-year, one-hour storm intensity isohyetal map for the HUC-12 subwatershed, with identification of the one-year, one-hour storm intensity for the HUC-12 subwatershed.
5. MS4 map for the subwatershed, including major MS4 outfalls (as defined in Attachment A of the permit) and all low flow diversions, and corresponding table with identification numbers, geographic coordinates, jurisdiction, size of outfall, outfall catchment area (as available), and size and operational period/conditions of corresponding low-flow diversions.

See above response to Question 10.1a

✓ See Watershed Form

10.1c) Provide the following information related to the Permittee(s) Drainage Area(s) within the Subwatershed:

1. 1) A subwatershed map depicting the Permittee(s) jurisdictional area and the MS4, including major outfalls (with identification numbers), and low flow diversions (with identifying names or numbers) located, within the Permittee's jurisdiction.

2. 2) Provide the estimated baseline percent of effective impervious area (EIA) within the Permittee(s) jurisdictional area as existed at the time that this Order became effective and, if possible, the estimated change in the stormwater runoff volume (cf) during the 85th percentile, 24-hour storm event.

See above response to Question 10.1a

✓ See Watershed Form

10.2 Rainfall Summary: Provide a rainfall summary for the reporting year including: (1) A summary of the number of storm events; (2) The highest volume event (inches/24 hours); (3) The highest number of consecutive days with measureable rainfall; and (4) The total rainfall during the reporting year compared to average annual rainfall for the subwatershed [Attachment E - XVIII.A.2]:

Refer to the Watershed Form

✓ See Watershed Form

10.3 SW Monitoring Event Summary: Provide a summary table describing rainfall during stormwater outfall and wet-weather receiving water monitoring events. The summary description shall include the date, time that the storm commenced and the storm duration in hours, the highest 15-minute recorded storm intensity (converted to inches/hour), the total storm volume (inches), and the time between the storm event sampled and the end of the previous storm event.

	Event	Date	Storm start time (AM-PM)	Storm Duration (hrs)	Highest storm intensity - 15min (in-hr)	Total Storm Volume (in)	Span between sample event & previous storm event (hr)
1		Refer to the Watershed Form					
2							
3							

✓ See Watershed Form

*If needed, attach supplemental files for this section here. In responses above, clearly specify that supplemental attachment was provided. Only upload a PDF, size limit is 10MB. Combine all PDFs for this (sub)section into a single file prior to uploading. For jurisdictions in multiple Groups/watersheds: if portions of the attachment are specific to one Group please clearly break-out and label the Group-specific information.*

⚠ No files attached



## 11: Additional Information


11.1 You may use this section to report any additional information not specified in the Individual Permittee Report Form or to report any information in the Individual Form that is better presented outside of the report form structure.

You may also provide an additional detailed summary table describing control measures that are not otherwise described in the reporting requirements.

 **attach\_12.1\_asbs\_special\_protections\_monitoring\_small-fixed.pdf**

*See Section 11 Attachments for the contents of this file*

11.2 Please attach a PDF with information requested by your Watershed Lead regarding the requirements outlined in your EWMP or WMP approval letter from the Regional Board (if applicable). Please organize the PDF by watershed and receiving water.

 No files attached

11.3 Please attach a PDF with information requested by your Watershed Lead regarding TMDL reporting requirements (if applicable). Please organize the PDF by watershed and receiving water.

 No files attached



## Footnotes

**[1]** Categories may be added to the table as necessary

**[2]** "Significant Non-Storm Water Discharges" as identified by the Permittee per Part IX.C.1 of the MRP

**[3]** "Allowable Sources" include NPDES permitted discharges, discharges subject to a Record of Decisions approved by USEPA pursuant to section 121 of CERCLA, conditionally exempt essential non-storm water discharges, and natural flows as defined in Part III.A.d of the permit.

**[4]** Part VI.D.6.b.i of the LA County MS4 Permit summarizes "critical sources" to be tracked

**[5]** Reporting new development projects by categories is optional. If different categories are used by the Permittee or new development and redevelopment activities are combined, the table may be edited to include those categories and/or information.

**[6]** "Number of Projects Completed" should only include projects that are completed and signed off by the Permittee during the reporting year. In progress projects that have been issued a permit, but are not completed should not be included.

**[7]** "Alternative Compliance Measures" refer to the mitigation options listed in Part VI.D.7 of the permit. These options include: on-site biofiltration, offsite infiltration, groundwater replenishment projects, offsite retrofits of existing developments, and areas covered by a regional storm water mitigation program.

**[8]** Reporting redevelopment projects by categories is optional. If different categories are used by the Permittee, the table may be edited to include those categories.

**[9]** "Number of Projects Completed" should only include projects that are completed and signed off by the Permittee during the reporting year. In progress projects that have been issued a permit, but are not completed should not be included.

**[10]** Alternative Compliance Measures refer only to the alternative measures used to comply with Planning and Land Development Program requirements as described in Part VI.D.7.c.iii.(1)-(7)

**[11]** Volume Addressed by Biofiltration should represent the biofiltration volume (Bv), not the Storm Water Quality Design Volume (SWQDv).

**[12]** "Offsite projects" refers only to offsite projects being used as an alternative compliance measure for development/redevelopment project applicants that have demonstrated technical infeasibility for on-site retention of the SWQDv. This does not include on-site biofiltration, however it does include off-site biofiltration projects.

**[13]** "Regional Storm Water Mitigation Programs" are only applicable where the Permittee (or Permittee Group) has received approval of such a program from the Regional Water Board.

**[14]** "Inventoried" refers to sites included in the Permittee's electronic system to inventory grading permits, encroachment permits, demolition permits, building permits, or construction permits.

**[15]** Report information regarding regional projects for which the regional project MOU has assigned the Permittee responsibility for reporting.

**[16]** Illicit discharges and connections detected through other inspection programs should be included.

**[17]** Illicit discharges and connections detected through other inspection programs should be included.

**[18]** Effective Impervious Area (EIA) is the portion of the surface area that is hydrologically connected to a drainage system via a hardened conveyance or impervious surface without any intervening median to mitigate the flow volume.

**[19]** For riparian buffer projects include width, length and vegetation type; for wetland restoration projects include acres restored, enhanced or created

**[20]** Year 1 = 2012-13 Annual Report; Year 2 = 13-14; Year 3 = 14-15; Year 4 = 15-16; Year 5 = 16-17

## **Uninc. County**

### **Section 1.0 Attachments** Reporting Year 2015-2016

**1. Legal Authority and Certification**

Complete the items on this page.

1.1 Answer the following questions on Legal Authority [VI.A.2.b]

	Yes	No
Is there a current statement certified by the Permittee's chief legal counsel that the Permittee has the legal authority within its jurisdiction to implement and enforce each of the requirements contained in 40 CFR § 122.26(d)(2)(i)(A-F) and the Permit?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Has the above statement been developed or updated within the reporting year? If yes, attach the updated legal authority statement to this report.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

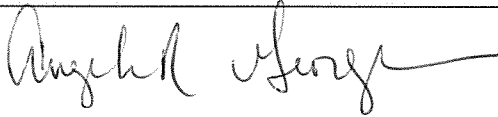
1.2 Completed the required certification below [Attachment D, V.B.5]:

*"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Signature of either a principal executive officer, ranking elected official, or by a duly authorized representative of a principal executive officer or ranking elected official. A person is a duly authorized representative only if:

- The authorization is made in writing by a principal executive officer or ranking elected official.
- The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
- The written authorization is submitted to the Regional Board.

If an authorization of a duly authorized representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization will be submitted to the Regional Board prior to or together with any reports, information, or applications, to be signed by an authorized representative.

Signature 

Title Assistant Deputy Director

Date 12/7/16

## **Uninc. County**

### **Section 2.0 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 3.0 Attachments** Reporting Year 2015-2016



GAIL FARBER, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

January 7, 2016

IN REPLY PLEASE

REFER TO FILE: WM-9

«Title». «FNAME» «LNAME»  
«Position»  
«Agency»  
«AddressLine1»  
«City», CA «Zip»

Dear «Title». «LNAME»:

### **DRINKING WATER SUPPLIER DISTRIBUTION SYSTEMS DISCHARGES REQUEST FOR RECORDS**

The Los Angeles County Municipal Separate Storm Sewer System National Pollutant Discharge Elimination System Permit (MS4 Permit), Los Angeles Regional Water Quality Control Board Order No. R4-2012-0175, requires permittees including the County of Los Angeles (County) and Los Angeles County Flood Control District (LACFCD) to prohibit, with certain exceptions, non-stormwater discharges via the MS4 (including roads, streets, catch basins, curbs, gutters, ditches, channels, or storm drains) to receiving waters. For more background information, see the enclosed letter dated March 26, 2014, which served as a reminder of the MS4 Permit requirements applicable to Drinking Water Supplier agencies.

If your agency discharged over 100,000 gallons between July 1, 2014, to June 30, 2015, we request that your agency submit any applicable records per Attachment C to the March 26, 2014, letter (in Excel format), to:

Ms. Aracely Lasso  
County of Los Angeles Department of Public Works  
Watershed Management Division  
P.O. Box 1460  
Alhambra, CA 91802-1460  
[alasso@dpw.lacounty.gov](mailto:alasso@dpw.lacounty.gov)

If your agency did not have a discharge over 100,000 gallons during this time period, or believe it is not subject to this requirement, we request that you respond with a letter of

«Title». «FNAME» «LNAME»  
January 7, 2016  
Page 2

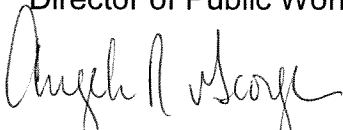
certification for our records. A sample letter is enclosed for your convenience. Please submit the applicable records or the letter of certification by **Thursday, February 18, 2016**.

Please be reminded that a permit from the LACFCD is required to discharge water into any facility owned or operated by the LACFCD, such as a LACFCD catch basin. Similarly, a permit from the County is required to discharge into any street within an unincorporated County area or a County highway. Permit applications can be obtained from the County of Los Angeles Department of Public Works, Land Development Division, at (626) 458-4936, or online at [www.dpw.lacounty.gov/permits](http://www.dpw.lacounty.gov/permits).

The County and the LACFCD are committed to continuing to work collaboratively with Drinking Water Supplier agencies to implement the requirements of the MS4 Permit. If you have any questions, please contact Mr. Paul Alva at (626) 458-4325 or [palva@dpw.lacounty.gov](mailto:palva@dpw.lacounty.gov).

Very truly yours,

GAIL FARBER  
Director of Public Works



ANGELA R. GEORGE  
Assistant Deputy Director  
Watershed Management Division

ACL:ba

P:\wmpub\Secretarial\2015 Documents\Letter\Third letter to CWS\Third letter to CWS.doc\C15249

Enc.

bc: County Counsel (Yanai)  
Land Development (Childers)

## **Uninc. County**

### **Section 4.0 Attachments** Reporting Year 2015-2016



## **Uninc. County**

### **Section 5.1 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 5.2 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 5.3 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 5.4 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 5.5 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 5.6 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 5.7 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 6.0 Attachments** Reporting Year 2015-2016



**Attachment 6.7  
Annual Report Project Listing Table**

<b>Project Name</b>	<b>Receiving Water</b>	<b>Project Type</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Permittees Involved</b>	<b>Status</b>	<b>Expected Complete Date</b>
Gates Canyon Park	Las Virgenes/Malibu Creek	Regional BMP	34.162073	-118.69159	County of Los Angeles, Calabasas	PDC in process and Prop 1 and Prop 84 grant applications submitted.	December 2017
Viewridge Super Green Streets	Topanga Creek	Regional BMP	34.135631	-118.59872	County of Los Angeles	PDC in process and Prop 1 and Prop 84 grant applications submitted.	January 2020
Ladera Stormwater Capture Project	Ballona Creek	Regional BMP	33.98808	-118.3599	County of Los Angeles	Project Concept Report being finalized. Prop 1 grant application submitted	2018
Marina del Rey Parking Lot 9 Project	Marina del Rey	Distributed BMP	33.981641	-118.45667	County of Los Angeles	Construction commenced in July 2016	October 2016
Marina del Rey Library Parking Lot	Marina del Rey	Distributed BMP	33.98137	-118.4526	County of Los Angeles	Concept was completed in July 2016.	October 2017
Water LA Parkway Basins	LA River	Distributed BMP	N/A	N/A	County of Los Angeles, City of Los Angeles	In January 2016, a Department of Water Resources for Proposition 84 Implementation – 2015 Integrated Regional Water Management Grant was awarded to the project partner, The River Project	Summer 2020
Water LA Parkway Basins	San Gabriel River/Los Angeles River	Distributed BMP	N/A	N/A	County of Los Angeles	In January 2016, an application was submitted to the San Gabriel and Lower Los Angeles River and Mountains Conservancy for the Proposition 1 Grant Program, The County is the lead for this project working with The River Project.	Summer 2021
South Coast Botanic Garden Wetlands and Lake Revitalization	Machado Lake - Peninsula EWMP Group	Regional BMP	33.782421	-118.34494	County of Los Angeles	In September 2015, an application was submitted to the Coastal Conservancy for Proposition 1 funding. The project was not selected for funding.	N/A

**Attachment 6.7  
Annual Report Project Listing Table**

<b>Project Name</b>	<b>Receiving Water</b>	<b>Project Type</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Permittees Involved</b>	<b>Status</b>	<b>Expected Complete Date</b>
East Los Angeles Sustainable Median Stormwater Capture Project	LA River	Regional BMP	34.0137	-118.1342	County of Los Angeles	PCR & 30-percent plans are scheduled to be completed by April 2017. Prop 1 Storm Water and Coast Conservancy grants submitted in July 2016. Will submit CA Urban Rivers Grant in Oct 2016.	October 2019
Huntington Drive	LA River	Retention Basins	34.1279	-118.0879	County of Los Angeles, City of Arcadia	Curb cuts would be installed in the medians to allow stormwater to enter into river rock swales, which would replace existing turf that has not been irrigated due to watering restrictions.	2018
Alondra Park	Dominguez Channel	Regional BMP	33.886599	-118.34259	County of Los Angeles, Cities of Hawthorne, Lawndale, El Segundo, Redondo Beach, Manhattan Beach	Preliminary Design Report is scheduled to be completed in Fall 2017.	TBD
Kahler Russell Park	Walnut Creek	Regional BMP	34.09272	-117.86751	Covina, County of Los Angeles, and Glendora	Feasibility was completed in June 2015. Development of thirty-percent plans will commence in early 2017.	December 2023
San Angelo Park	San Gabriel River	Regional BMP	34.05106	-118.00229	County of Los Angeles and Industry	Feasibility was completed in June 2015. Development of thirty-percent plans will commence in early 2017.	December 2020
Bassett Park	San Gabriel River and/or Walnut Creek	Regional BMP	34.05138	-117.98711	County of Los Angeles and Industry	Feasibility was completed in June 2015. Development of thirty-percent plans will commence in 2018.	December 2023
Allen J. Martin Park	Puente Creek	Regional BMP	34.03969	-117.96197	County of Los Angeles	Feasibility was completed in June 2015. Development of thirty-percent plans will commence in early 2017.	December 2023

**Attachment 6.7  
Annual Report Project Listing Table**

<b>Project Name</b>	<b>Receiving Water</b>	<b>Project Type</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Permittees Involved</b>	<b>Status</b>	<b>Expected Complete Date</b>
Adventure Park	Coyote Creek	Regional BMP	33.94259	-118.03480	County of Los Angeles, Whittier, and Santa Fe Springs	Feasibility was completed in June 2015. Development of thirty-percent plans will commence in 2017.	December 2020
Norwalk Bl Et Al.	Coyote Creek	Green Street	33.96610	-118.07754	County of Los Angeles	Feasibility study, and Project Design Concept are near completion. Project is scheduled to be awarded in December 2018.	December 2018
Bassett High School	San Gabriel River	Regional BMP	34.05008	-117.97906	County of Los Angeles, La Puente, and West Covina	Feasibility was completed in August 2016. Development of 30% plans will commence in December 2017.	December 2023

## **Uninc. County**

### **Section 7.0 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 8.0 Attachments** Reporting Year 2015-2016

# ATTACHMENT 8.1 - EXHIBIT 1

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Lake Elizabeth Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	SANDROCK DR (SE CORNER)	RANCH CLUB RD	CO	CO	10/19/2011 to 03/16/2012	1502007	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RANCH CLUB RD (SE CORNER)	SANDROCK DR	CO	CO	10/19/2011 to 03/16/2012	1502005	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RANCH CLUB RD (SW CORNER)	SANDROCK DR	CO	CO	10/19/2011 to 03/16/2012	1502006	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTELLO DR ( CORNER)	RANCH CLUB RD	CO	CO	08/28/2012 to 03/05/2013	1502010	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTELLO DR ( CORNER)	RANCH CLUB RD	CO	CO	08/28/2012 to 03/05/2013	1502011	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELIDA PL (W CORNER)	LESINA DR	CO	CO	02/02/2015 to 06/01/2015	1449001	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

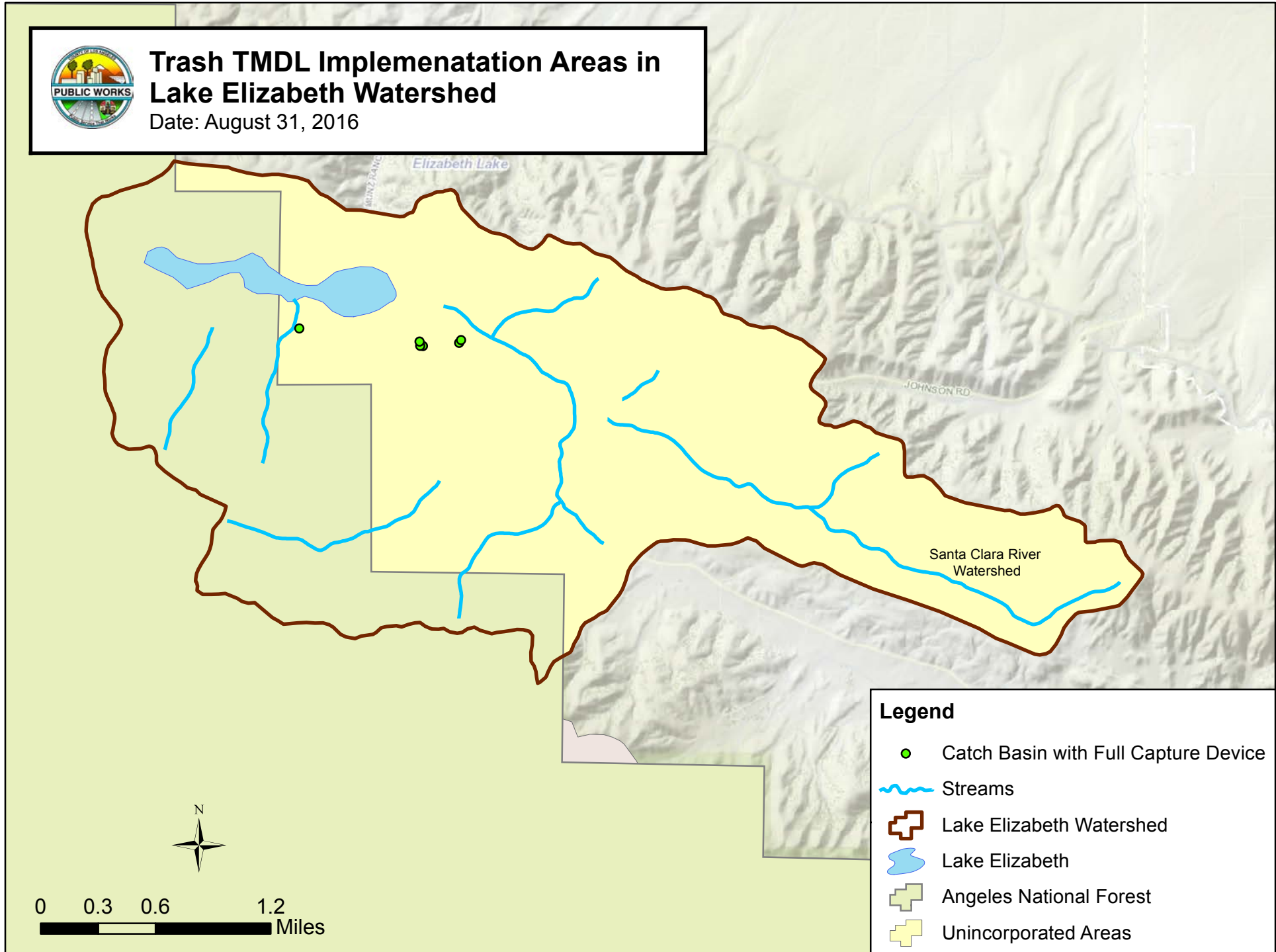
**Notations:**

- Form            Insert additional rows, as necessary
- Column 1:    Indicate certified full capture device (FCD) installed
- Column 2:    Name FCD street location and indicate whether: E - East, N - North; NE - North East; NW - North West; S - South; SE - South East; SW - South West; W - West
- Column 3:    Name the nearest cross street location of the FCD; A/E - Alleyway East of; A/N Alleyway North of
- Column 4:    FCD Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 5:    FCD Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 6:    Provide the date when FCD was installed
- Column 7:    Indicate County or City assigned catch basin (CB) identification (ID) numbers
- Column 8:    Type of CB based on Standard Plan for Public Works Construction from Greenbook Committee, Public Works Standards, Inc. (i.e., 300-2; 301-2; 302-2; 303-2; etc.)
- Column 9:    CB Owned by: DBH - Department of Beaches and Harbor; CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 10:    CB Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 11:    Indicate frequency of FCD maintenance (e.g. inspection & cleanout: 1x/3 mo., 1x/6 mo., 1x Nov., 1x Jan., 1x Aug., etc.)



# Trash TMDL Implemenatation Areas in Lake Elizabeth Watershed

Date: August 31, 2016



**SANTA MONICA BAY  
NEARSHORE DEBRIS TOTAL MAXIMUM DAILY LOAD  
MONITORING AND ANNUAL REPORT  
IMPLEMENTATION YEAR 4**

### **Background**

The Santa Monica Bay Nearshore Debris Total Maximum Daily Load (TMDL) has been effective since March 20, 2012. The TMDL implementation schedule requires a 20 percent progressive reduction of the trash baseline load each year starting four years (2016) after the establishment of the TMDL until the numeric target of zero trash is achieved (2020). The final compliance date of zero percent of the baseline load must be achieved by March 20, 2020.

In April 2007, after extensive research, testing, and development, the County submitted a Full-Capture Device Technical Report<sup>1</sup> for the connector pipe screen (CPS) device to the Regional Board. The CPS device<sup>2</sup> was subsequently certified by the Regional Board as an approved full-capture device on August 1, 2007. According to the Regional Board, "a full-capture system is any single device or series of devices that traps all particles retained by a 5-millimeter mesh screen (100 percent trash removal) and has a design treatment capacity of not less than the peak-flow rate resulting from a one-year, one-hour, storm in the subdrainage area" (Resolution No. 04-023).

### **Implementation Strategy**

The County's implementation strategy is to install full-capture devices in all feasible catch basins within the unincorporated areas of the County. The installation of these devices is being completed by construction contracts in order to address the required compliance deadlines. The initial contracts were located in the highest trash generating areas.

The numbers and percentages of Catch Basins presented does not include rural drainage inlets (RDIs), which have been grouped into the category of catch basins. However, RDIs are distinct and have the following characteristics, which require that they be treated differently than normal catch basins to provide the desired trash reduction:

- Are situated in sparsely developed or totally undeveloped areas.
- Have no curb and gutter to direct street flows.
- Are not connected to a storm drain system.
- Convey flows from one side of the road to the other, similar to a road culvert.
- Catch leaves and rocks.
- Installation of standard trash devices is infeasible

The County is in discussions with the Los Angeles Water Quality Regional Board to determine the best course of action in dealing with RDIs. By way of the County of Los Angeles Public Works' catch basin cleanout contract, the County inspects these RDIs at least once a year and performs cleanouts as warranted by the inspections.

### **Completed Full-Capture Retrofits**

The County has met the 20 percent compliance with the installation of full capture systems on all 716 identified catch basins within the County unincorporated areas within the Santa Monica

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<sup>1</sup> Technical Report - Connector Pipe Screen Design (Full-Capture TMDL Compliance, Screen and Bypassing Sizing Requirements). Dated April 2007.

<sup>2</sup> The list of Executive Officer approved full-capture systems is available at the following site:  
[http://www.waterboards.ca.gov/losangeles/water\\_issues/programs/tmdl/full\\_capture\\_certification.shtml](http://www.waterboards.ca.gov/losangeles/water_issues/programs/tmdl/full_capture_certification.shtml)



Bay watershed. In the Ballona Creek and Marina del Rey watersheds, 429 catch basins have been retrofitted. In the Santa Monica Bay Jurisdictional Group 2 and 3 watershed, 29 catch basins have been retrofitted. In the Malibu Creek watershed, 218 catch basins have been retrofitted. Finally, in the North Santa Monica Bay coastal watersheds, 40 catch basins have been retrofitted.

### **Future Full-Capture Retrofits**

The County will continue to retrofit any new or newly identified catch basins in the future to meet the compliance requirements. Outstanding catch basins will be retrofitted in our next catch basin retrofit contract.

TM:

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**ATTACHMENT 8.1 - EXHIBIT 2**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	GARTH AV ( NE CORNER )	CENTINELLA AV	CO	CO	08/08/2005 to 01/24/2006	1535013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PALMERO BLVD ( SE CORNER )	STOCKER ST	CO	CO	08/08/2005 to 01/24/2006	1587262	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( SE CORNER )	DON MIGUEL DR	CO	CO	08/08/2005 to 01/24/2006	1587249	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEYDALE AVE ( NE CORNER )	NORTHBRIDGE DR	CO	CO	08/08/2005 to 01/24/2006	1588244	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( W-MED CORNER )	OVERHILL DR	CO	CO	08/08/2005 to 01/24/2006	1588236	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON ( NW CORNER )	HEATHERDALE DR	CO	CO	08/08/2005 to 01/24/2006	1588213	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (NW CORNER)	LACIENGA BLVD	CO	CO	08/08/2005 to 01/24/2006	1535041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (NW CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1535040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NW CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1535065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV (NW1 CORNER)	BRISTOL WY	CO	CO	08/08/2005 to 01/24/2006	1535059	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV (NW2 CORNER)	BRISTOL WY	CO	CO	08/08/2005 to 01/24/2006	1535064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARCHCREST (N CORNER)	SECRET DR	CO	CO	08/08/2005 to 01/24/2006	1535063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARCROSS DR (NW CORNER)	ANGELES VISTA	CO	CO	08/08/2005 to 01/24/2006	1535061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADALE (SE CORNER)	SPRING DALE	CO	CO	08/08/2005 to 01/24/2006	1588055	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	57TH STREET (SW CORNER)	VALLEY RIDGE AVE	CO	CO	08/08/2005 to 01/24/2006	1534090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARCROSS DR (NW CORNER)	HARTCROSS	CO	CO	08/08/2005 to 01/24/2006	1534091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	57TH STREET (NW CORNER)	VALLEYRIDGE AVE	CO	CO	08/08/2005 to 01/24/2006	1534087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRADNA (NE CORNER)	HARTCROSS	CO	CO	08/08/2005 to 01/24/2006	1534089	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (S CORNER)		CO	CO	08/08/2005 to 01/24/2006	1534082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (SW CORNER)		CO	CO	08/08/2005 to 01/24/2006	1534083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN AVE (W CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1534080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN DR (NW CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1534086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERDUN AVE (W CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1534085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (S CORNER)	VERDUN AVE	CO	CO	08/08/2005 to 01/24/2006	1534028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERDUN AVE (W CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1588018	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERDUN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1588019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERDUN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1534075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ONACREST DR (SE CORNER)	NRIDGE DRIVE	CO	CO	08/08/2005 to 01/24/2006	1534076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INADALE AVE (W CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1588015	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKGLEN AVE (N. W CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1588025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DR (WN CORNER)	VALLEY RIDGE AVE	CO	CO	08/08/2005 to 01/24/2006	1534097	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1534098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1534099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1534100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SOPHOMORE DR (N CORNER)	FRESHMAN DR	CO	CO	08/08/2005 to 01/24/2006	1588023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (S CORNER)		CO	CO	08/08/2005 to 01/24/2006	1588058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NE CORNER)	WILSHIRE BL	CO	CO	08/08/2005 to 01/24/2006	1588043	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSHIRE BL (NE CORNER)	SAN VICENTES	CO	CO	08/08/2005 to 01/24/2006	1588044	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NE CORNER)	WILSHIRE BL	CO	CO	08/08/2005 to 01/24/2006	1588036	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRINGHAM (NE CORNER)	SAN VICENTE	CO	CO	08/08/2005 to 01/24/2006	1588087	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NW CORNER)	CONSTITUTION AVE	CO	CO	08/08/2005 to 01/24/2006	1588041	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSHIRE BL (NW CORNER)	VETERAN AVE	CO	CO	08/08/2005 to 01/24/2006	1588037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NE CORNER)	CONSTITUTION AVE	CO	CO	08/08/2005 to 01/24/2006	1588088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEVERLY (SE CORNER)	GENESEF	CO	CO	08/08/2005 to 01/24/2006	1588040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERHOURNE AVE (NE CORNER)	CENTINELLA AVE	CO	CO	08/08/2005 to 01/24/2006	1588039	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NE CORNER)	HOLT AV	CO	CO	08/08/2005 to 01/24/2006	1588060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	WOOSTER AVE	CO	CO	08/08/2005 to 01/24/2006	1588059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	SPRINGPACK AVE	CO	CO	08/08/2005 to 01/24/2006	1588062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINGS RD (W CORNER)	S. CROFT STREET	CO	CO	08/08/2005 to 01/24/2006	1588063	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	62ND ST (SE CORNER)	CONDON AVE	CO	CO	08/08/2005 to 01/24/2006	1588069	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	62ND ST (NE CORNER)	CONDON AVE	CO	CO	08/08/2005 to 01/24/2006	1588065	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORNING AVE (E CORNER)	62ND STREET	CO	CO	08/08/2005 to 01/24/2006	1588070	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588064	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	CORNING AVE	CO	CO	08/08/2005 to 01/24/2006	1588049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORNING AVE (W CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 2**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	SLAUSON AVE (N CORNER)	SHERBOURNE DR	CO	CO	08/08/2005 to 01/24/2006	1588068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERBOURNE DR (E CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHERBOURNE DR	CO	CO	08/08/2005 to 01/24/2006	1588071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588047	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEATHERDALE DR (NW CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588073	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERBOURNE DR (E CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588075	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588074	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (W CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NW CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (E CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NW CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	57TH STREET (S CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	57TH STREET (S CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	57TH STREET (N CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (W CORNER)		CO	CO	08/08/2005 to 01/24/2006	1588081	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (E CORNER)	57TH STREET	CO	CO	08/08/2005 to 01/24/2006	1588082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALDINA PL. (E CORNER)	E END OF JST.	CO	CO	08/08/2005 to 01/24/2006	1588084	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	GARTH AVE	CO	CO	08/08/2005 to 01/24/2006	1588098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (S CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (W CORNER)	55TH STREET	CO	CO	08/08/2005 to 01/24/2006	1588097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARTH AVE (W CORNER)	55TH STREET	CO	CO	08/08/2005 to 01/24/2006	1588099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (S CORNER)	SENFORD AVE	CO	CO	08/08/2005 to 01/24/2006	1588002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERBROWN DR (E CORNER)	55TH STREET	CO	CO	08/08/2005 to 01/24/2006	1588135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	REYNIER	CO	CO	08/08/2005 to 01/24/2006	1588134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (E CORNER)	55TH STREET	CO	CO	08/08/2005 to 01/24/2006	1588004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SRIDGE AVE (N. W CORNER)	PARKGLEN AVE	CO	CO	08/08/2005 to 01/24/2006	1588005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (E CORNER)		CO	CO	08/08/2005 to 01/24/2006	1534242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSHIRE BL (SE CORNER)	SAN VICENTES	CO	CO	08/08/2005 to 01/24/2006	1534243	0	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (SW CORNER)	CHANSON DR	CO	CO	08/08/2005 to 01/24/2006	1588187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SW CORNER)	MONTEITH DR	CO	CO	08/08/2005 to 01/24/2006	1534248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SW CORNER)	MONTEITH DR	CO	CO	08/08/2005 to 01/24/2006	1534253	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (NE CORNER)	OLYMPIAD DR	CO	CO	08/08/2005 to 01/24/2006	1534250	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (NW CORNER)	MULLEN PL	CO	CO	08/08/2005 to 01/24/2006	1642192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (NW CORNER)	MULLEN PL	CO	CO	08/08/2005 to 01/24/2006	1642191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (WS CORNER)	FAIRWAY BL	CO	CO	08/08/2005 to 01/24/2006	1642190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	PRESIDO DR	CO	CO	08/08/2005 to 01/24/2006	1642189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	MULLEN AVE	CO	CO	08/08/2005 to 01/24/2006	1534238	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (SE CORNER)	FAIRWAY BL	CO	CO	08/08/2005 to 01/24/2006	1534239	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	MULLEN AVE	CO	CO	08/08/2005 to 01/24/2006	1534240	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	ANGELES VISTA BL	CO	CO	08/08/2005 to 01/24/2006	1587224	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SE CORNER)	VICTORIA AVE	CO	CO	08/08/2005 to 01/24/2006	1587223	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	VICTORIA AVE	CO	CO	08/08/2005 to 01/24/2006	1587225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (WN CORNER)	ANGELES VISTA BL	CO	CO	08/08/2005 to 01/24/2006	1533094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (WS CORNER)	VICTORIA AVE	CO	CO	08/08/2005 to 01/24/2006	1533095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (NW CORNER)	VICTORIA AVE	CO	CO	08/08/2005 to 01/24/2006	1533147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADMIRALTY WY (NE CORNER)	BALI WY	CO	CO	08/08/2005 to 01/24/2006	1533149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NW1 CORNER)	54TH ST	CO	CO	08/08/2005 to 01/24/2006	1533148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NE1 CORNER)	54TH ST	CO	CO	08/08/2005 to 01/24/2006	1434100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NW2 CORNER)	54TH ST	CO	CO	08/08/2005 to 01/24/2006	1434101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (NE1 CORNER)	DON QUIXOTE	CO	CO	08/08/2005 to 01/24/2006	1434054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (NE2 CORNER)	DON QUIXOTE	CO	CO	08/08/2005 to 01/24/2006	1434055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (NW1 CORNER)	DON QUIXOTE	CO	CO	08/08/2005 to 01/24/2006	1434053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (NW2 CORNER)	DON QUIXOTE	CO	CO	08/08/2005 to 01/24/2006	1434052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 2**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	STOCKER (NW3 CORNER)	DON QUIXOTE	CO	CO	08/08/2005 to 01/24/2006	1434051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE (SW2 CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1434014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (SW CORNER)	PRESIDIO	CO	CO	08/08/2005 to 01/24/2006	1434048	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (SW CORNER)	DON MIGUEL	CO	CO	08/08/2005 to 01/24/2006	1434012	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE (SE CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1434047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE (SW1 CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1584262	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SENFORD AV ( NE CORNER )	55TH ST	CO	CO	09/08/2008 to 03/10/2009	1534036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRING PARK AVE (NE CORNER)	RADLOCK AVE	CO	CO	09/08/2008 to 03/10/2009	1535004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRING PARK AVE (NW CORNER)	RADLOCK AVE	CO	CO	09/08/2008 to 03/10/2009	1535002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	62ND STREET (S CORNER)	SENFORD AVE	CO	CO	09/08/2008 to 03/10/2009	1535003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEDOUX RD (W CORNER)	64TH STR	CO	CO	09/08/2008 to 03/10/2009	1535001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	62ND STREET (N CORNER)	SENFORD AVE	CO	CO	09/08/2008 to 03/10/2009	1535007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOOSTER AVE (W CORNER)	62ND STR	CO	CO	09/08/2008 to 03/10/2009	1535069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (E CORNER)	62ND STR.	CO	CO	09/08/2008 to 03/10/2009	1535068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	62ND ST (NE CORNER)	CONDON AVE	CO	CO	09/08/2008 to 03/10/2009	1535005	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (W CORNER)	62ND STREET	CO	CO	09/08/2008 to 03/10/2009	1535006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (E CORNER)	62ND STREET	CO	CO	09/08/2008 to 03/10/2009	1535067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S/W CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535066	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HALM AV (SW CORNER)	61ST ST	CO	CO	09/08/2008 to 03/10/2009	1535010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (NE CORNER)	LEDOUX RD	CO	CO	09/08/2008 to 03/10/2009	1535008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535009	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S/E CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535011	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S/W CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535017	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (E CORNER)		CO	CO	09/08/2008 to 03/10/2009	1535014	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANSFIELD AVE (SW CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535016	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANSFIELD AVE (SE CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN BL (S CORNER)	FIJI WAY	CO	CO	09/08/2008 to 03/10/2009	1438007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN BL (N CORNER)	FIJI WAY	CO	CO	09/08/2008 to 03/10/2009	1438006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (NW CORNER)	LADERA PARK AVE	CO	CO	09/08/2008 to 03/10/2009	1535060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV (NW3 CORNER)	BRISTOL WY	CO	CO	09/08/2008 to 03/10/2009	1535056	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV (NW4 CORNER)	BRISTOL WY	CO	CO	09/08/2008 to 03/10/2009	1535051	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (SW CORNER)	HARTCROSS	CO	CO	09/08/2008 to 03/10/2009	1588057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRING DALE (NW CORNER)	ADALE	CO	CO	09/08/2008 to 03/10/2009	1588056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRADNA (SE CORNER)	HARTCROSS	CO	CO	09/08/2008 to 03/10/2009	1534088	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (S CORNER)	VERDUN AVE	CO	CO	09/08/2008 to 03/10/2009	1534081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN AVE (W CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (SE CORNER)	MIOLAND DR	CO	CO	09/08/2008 to 03/10/2009	1588016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (SE CORNER)	LABREA AVE	CO	CO	09/08/2008 to 03/10/2009	1534078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (N CORNER)	VERDUN AVE	CO	CO	09/08/2008 to 03/10/2009	1534073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIOLAND DR (SE CORNER)	NRIDGE DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIOLAND DR (NE CORNER)	NRIDGE DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LABREA AVE (NE CORNER)	NRIDGE DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (N CORNER)	INADALE AVE	CO	CO	09/08/2008 to 03/10/2009	1588017	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INADALE AVE (N.E CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534069	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ONACREST DR (NE CORNER)	NRIDGE DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (S. W CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (S. W CORNER)	VALLEY RIDGE AVE	CO	CO	09/08/2008 to 03/10/2009	1588020	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (S. E CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (MED CORNER)	PARKGLEN	CO	CO	09/08/2008 to 03/10/2009	1534063	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (S. W CORNER)	VALLEY RIDGE AVE	CO	CO	09/08/2008 to 03/10/2009	1534062	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES AISTA (SE CORNER)	VALLEY RIDGE	CO	CO	09/08/2008 to 03/10/2009	1534065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (SE CORNER)	NRIDGE DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534071	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (NW CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 2**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	VALLEY RIDGE (NE CORNER)	ANGELES AISTA	CO	CO	09/08/2008 to 03/10/2009	1534054	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NE CORNER)	OVERHILL DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILLCREST DR (SE CORNER)	ANGELES VISTA BL	CO	CO	09/08/2008 to 03/10/2009	1588033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILLCREST DR (SW CORNER)	ANGELES VISTA BL	CO	CO	09/08/2008 to 03/10/2009	1588021	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (SW CORNER)	VERDON AVE	CO	CO	09/08/2008 to 03/10/2009	1534064	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (NE CORNER)	VERDON AVE	CO	CO	09/08/2008 to 03/10/2009	1588026	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (W CORNER)	STOCKER	CO	CO	09/08/2008 to 03/10/2009	1534045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/08/2008 to 03/10/2009	1534060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (SW CORNER)	BRYNHURST AVE	CO	CO	09/08/2008 to 03/10/2009	1534041	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRYNHURST AVE (WS CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1588022	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRYNHURST AVE (WN CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1588034	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (NW CORNER)	BRYNHURST AVE	CO	CO	09/08/2008 to 03/10/2009	1534059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRESHMAN DR (E CORNER)		CO	CO	09/08/2008 to 03/10/2009	1588027	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRESHMAN DR (E CORNER)	STOCKER	CO	CO	09/08/2008 to 03/10/2009	1534056	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALBERT VERA (S CORNER)	FRESHMAN DR	CO	CO	09/08/2008 to 03/10/2009	1588028	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (W CORNER)	HOMELAND	CO	CO	09/08/2008 to 03/10/2009	1588035	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (E CORNER)	HOMELAND	CO	CO	09/08/2008 to 03/10/2009	1534042	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POLERMO (S CORNER)	STOCKER	CO	CO	09/08/2008 to 03/10/2009	1534058	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SOPHOMORE DR (S CORNER)	FRESHMAN DR	CO	CO	09/08/2008 to 03/10/2009	1534057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (N CORNER)		CO	CO	09/08/2008 to 03/10/2009	1534043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (N CORNER)		CO	CO	09/08/2008 to 03/10/2009	1534039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAWTELLE BL (NW CORNER)	OHIO AVE	CO	CO	09/08/2008 to 03/10/2009	1534027	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAWTELLE BL (NE CORNER)	OHIO AVE	CO	CO	09/08/2008 to 03/10/2009	1534040	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NE CORNER)	WILSHIRE BL	CO	CO	09/08/2008 to 03/10/2009	1588029	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSHIRE BL (SW CORNER)	VETERAN AVE	CO	CO	09/08/2008 to 03/10/2009	1588042	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	SHERBOURNE AVE	CO	CO	09/08/2008 to 03/10/2009	1588038	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERBOURNE AVE (NW CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1588030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (NE CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (NW CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLT AVE (NW CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLT AVE (NE CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534034	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOOSTER AVE (NE CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOOSTER AVE (N CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1588061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	RADLOCK AVE	CO	CO	09/08/2008 to 03/10/2009	1588031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RADLOCK AVE (NW CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RADLOCK AVE (NE CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NW CORNER)	ALVERN ST	CO	CO	09/08/2008 to 03/10/2009	1534033	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	ALVERN ST	CO	CO	09/08/2008 to 03/10/2009	1534007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NE CORNER)	GARTH AV	CO	CO	09/08/2008 to 03/10/2009	1534038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	SPRINGPACK AVE	CO	CO	09/08/2008 to 03/10/2009	1534009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRING PACK AVE (NE CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA STREET (W CORNER)		CO	CO	09/08/2008 to 03/10/2009	1534024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINGS RD (E CORNER)	64TH STR	CO	CO	09/08/2008 to 03/10/2009	1534010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534023	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (S CORNER)	HOLT AVE	CO	CO	09/08/2008 to 03/10/2009	1534022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (SW CORNER)	LADERA PARK AVE	CO	CO	09/08/2008 to 03/10/2009	1534020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (S CORNER)	HALM AVE	CO	CO	09/08/2008 to 03/10/2009	1534011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	CORNING AVE	CO	CO	09/08/2008 to 03/10/2009	1534037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	CORNING AVE	CO	CO	09/08/2008 to 03/10/2009	1534012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORNING AVE (E CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (SW CORNER)	MANSFIELD AVE	CO	CO	09/08/2008 to 03/10/2009	1588066	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (S CORNER)	SHENANDOAH AVE	CO	CO	09/08/2008 to 03/10/2009	1534013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (SE CORNER)	MANSFIELD AVE	CO	CO	09/08/2008 to 03/10/2009	1534019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHERBOURNE DR	CO	CO	09/08/2008 to 03/10/2009	1534021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERBOURNE DR (W CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1588067	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 2**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	CORNING AVE (E CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORNING AVE (W CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (S CORNER)	SHENANDOAH AVE	CO	CO	09/08/2008 to 03/10/2009	1534016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NE CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NW CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1588072	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NE CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (W CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (W CORNER)	57TH ST.	CO	CO	09/08/2008 to 03/10/2009	1588079	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARCROSS DR (SW CORNER)	ANGELES VISTA	CO	CO	09/08/2008 to 03/10/2009	1534001	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRADNA (SW CORNER)	HARTCROSS	CO	CO	09/08/2008 to 03/10/2009	1534002	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLEN PL. (E CORNER)	E END OF /ST.	CO	CO	09/08/2008 to 03/10/2009	1588080	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	GARTH AVE	CO	CO	09/08/2008 to 03/10/2009	1588096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (N CORNER)	MARBURN AVE	CO	CO	09/08/2008 to 03/10/2009	1588092	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHASAR PL. (SE CORNER)	E END OF /ST.	CO	CO	09/08/2008 to 03/10/2009	1588095	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARTH AVE (E CORNER)	55TH STREET	CO	CO	09/08/2008 to 03/10/2009	1588093	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	SHENANDOAH AVE	CO	CO	09/08/2008 to 03/10/2009	1588094	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORNING (E CORNER)	55TH STREET	CO	CO	09/08/2008 to 03/10/2009	1588003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (E CORNER)		CO	CO	09/08/2008 to 03/10/2009	1534246	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (SE CORNER)	LORADO WY	CO	CO	09/08/2008 to 03/10/2009	1534244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (SW CORNER)	LORADO WY	CO	CO	09/08/2008 to 03/10/2009	1534245	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORESTA WY (WS CORNER)	LORADO WY	CO	CO	09/08/2008 to 03/10/2009	1534247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTEITH DR (WS CORNER)	MULLEN AVE	CO	CO	09/08/2008 to 03/10/2009	1534252	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (WN CORNER)	MULLEN AVE	CO	CO	09/08/2008 to 03/10/2009	1534249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (NE CORNER)	MULLEN PL	CO	CO	09/08/2008 to 03/10/2009	1534251	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	PRESIDO DR	CO	CO	09/08/2008 to 03/10/2009	1534231	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (NE CORNER)	FAIRWAY BL	CO	CO	09/08/2008 to 03/10/2009	1588009	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	PRESIDO DR	CO	CO	09/08/2008 to 03/10/2009	1534241	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (WS CORNER)	ANGELES VISTA BL	CO	CO	09/08/2008 to 03/10/2009	1533155	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BL (SW CORNER)	MT VERNON DR	CO	CO	09/08/2008 to 03/10/2009	1533154	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1533153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1533152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (WS CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1533150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (WS CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1533151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NE2 CORNER)	54TH ST	CO	CO	09/08/2008 to 03/10/2009	1434056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (E CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588105	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	HOLT AVE	CO	CO	09/14/2009 to 12/01/2009	1588100	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (W CORNER)	CORNING	CO	CO	09/14/2009 to 12/01/2009	1588101	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	HOLT AVE	CO	CO	09/14/2009 to 12/01/2009	1588102	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (S CORNER)	BEDFORD	CO	CO	09/14/2009 to 12/01/2009	1588103	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (S CORNER)	REYNIER	CO	CO	09/14/2009 to 12/01/2009	1588106	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLT AVE (E CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588104	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	SENFORD AVE	CO	CO	09/14/2009 to 12/01/2009	1588116	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLT AVE (W CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588117	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SENFORD STREET (W CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588115	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	09/14/2009 to 12/01/2009	1588114	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	BEDFORD	CO	CO	09/14/2009 to 12/01/2009	1588118	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	09/14/2009 to 12/01/2009	1588107	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REYNIER AVE (W CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588113	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (W CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588112	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REYNIER AVE (E CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588108	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERDUN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	09/14/2009 to 12/01/2009	1588111	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENEGA BLVD (W CORNER)	S/O STOCKER	CO	CO	09/14/2009 to 12/01/2009	1588109	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENEGA BLVD (E CORNER)	S/O STOCKER	CO	CO	09/14/2009 to 12/01/2009	1588110	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (NW CORNER)	MARJAN AVE	CO	CO	09/14/2009 to 12/01/2009	1588119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (NE CORNER)	MARJAN AVE	CO	CO	09/14/2009 to 12/01/2009	1588121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	SRIDGE AVE (N. W CORNER)	PARKGLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1588120	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKGLEN AVE (SE CORNER)	SRIDGE AVE	CO	CO	09/14/2009 to 12/01/2009	1588122	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKGLEN AVE (W CORNER)	SRIDGE AVE	CO	CO	09/14/2009 to 12/01/2009	1588123	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKGLEN AVE (SE CORNER)	SRIDGE AVE	CO	CO	09/14/2009 to 12/01/2009	1588126	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK GLEN AVE (W CORNER)	SRIDGE AVE	CO	CO	09/14/2009 to 12/01/2009	1588124	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK GLEN AVE (NE CORNER)	SRIDGE AVE	CO	CO	09/14/2009 to 12/01/2009	1588125	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (NW CORNER)	OVERHILL DRIVE	CO	CO	09/14/2009 to 12/01/2009	1588127	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1588128	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1642198	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1588129	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1642197	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1588130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1642196	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1642195	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (N CORNER)	FRESHMAN DR	CO	CO	09/14/2009 to 12/01/2009	1588136	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST (NE CORNER)	DON LORENZO DR	CO	CO	09/14/2009 to 12/01/2009	1642194	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALBERT VERA (N CORNER)	FRESHMAN DR	CO	CO	09/14/2009 to 12/01/2009	1642193	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (W CORNER)		CO	CO	09/14/2009 to 12/01/2009	1588131	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (W CORNER)		CO	CO	09/14/2009 to 12/01/2009	1588132	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (E CORNER)		CO	CO	09/14/2009 to 12/01/2009	1588133	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (W CORNER)		CO	CO	09/14/2009 to 12/01/2009	1588137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (WS CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (WS CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (WN CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588138	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NE CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588139	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NW CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588141	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (NE CORNER)	CHANSON DR	CO	CO	09/14/2009 to 12/01/2009	1588140	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHANSON DR (WS CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHANSON DR (N CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (NW CORNER)	CHANSON DR	CO	CO	09/14/2009 to 12/01/2009	1588144	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHANSON DR (ES CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DE ORO AVE (ES CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DE ORO AVE (ES CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588168	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHANSON DR (EN CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588180	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DE ORO AVE (EN CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588179	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NE CORNER)	VISTA DE ORO AVE	CO	CO	09/14/2009 to 12/01/2009	1588167	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NW CORNER)	VISTA DE ORO AVE	CO	CO	09/14/2009 to 12/01/2009	1588173	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (SE CORNER)	FLORESTA WY	CO	CO	09/14/2009 to 12/01/2009	1588170	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (SW CORNER)	FLORESTA WY	CO	CO	09/14/2009 to 12/01/2009	1588165	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SW CORNER)	FLORESTA WY	CO	CO	09/14/2009 to 12/01/2009	1588174	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORESTA WY (WN CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588172	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SE CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588178	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLEY (WN CORNER)	MULLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1588169	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLEY (WN CORNER)	MULLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1588177	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CREST WY (NW CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588166	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CREST WY (NE CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588171	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (NE CORNER)	CRESTWOLD AVE	CO	CO	09/14/2009 to 12/01/2009	1588186	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (SE CORNER)	WMOUNT AVE	CO	CO	09/14/2009 to 12/01/2009	1588185	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (SE CORNER)	WMOUNT AVE	CO	CO	09/14/2009 to 12/01/2009	1588182	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (SW CORNER)	WMOUNT AVE	CO	CO	09/14/2009 to 12/01/2009	1588181	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SE CORNER)	MONTEITH DR	CO	CO	09/14/2009 to 12/01/2009	1588176	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WMOUNT AVE (WS CORNER)	VICTORIA AVE	CO	CO	09/14/2009 to 12/01/2009	1588175	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WMOUNT AVE (WN CORNER)	VICTORIA AVE	CO	CO	09/14/2009 to 12/01/2009	1588007	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SW CORNER)	MONTEITH DR	CO	CO	09/14/2009 to 12/01/2009	1588006	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTEITH DR (WN CORNER)	MULLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1588153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 2**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	MULLEN AVE (NW CORNER)	MONTEITH DR	CO	CO	09/14/2009 to 12/01/2009	1588184	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN PL (NW CORNER)	OLYMPIAD DR	CO	CO	09/14/2009 to 12/01/2009	1588183	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN PL (NE CORNER)	OLYMPIAD DR	CO	CO	09/14/2009 to 12/01/2009	1588150	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (WS CORNER)	MULLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1588152	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (NW CORNER)	OLYMPIAD DR	CO	CO	09/14/2009 to 12/01/2009	1588147	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CIRCLE VIEW BL (SW CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588151	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (NE CORNER)	MULLEN PL	CO	CO	09/14/2009 to 12/01/2009	1588154	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	MULLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1642188	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (NW CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588159	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (SW CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588156	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588155	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588158	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588157	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588164	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (SE CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588162	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (SW CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588161	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588160	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NW CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588163	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULHOLLAND HWY (NE CORNER)	SEMINOLE DR	CO	CO	10/09/2009 to 03/03/2010	1067831	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAREFUL AVE (NE CORNER)	MULHOLLAND HWY	CO	CO	10/09/2009 to 03/03/2010	1067026	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (E1 CORNER)	CAREFUL AVE	CO	CO	10/09/2009 to 03/03/2010	1067025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAN DR (SE CORNER)	VISTA DEL ARROYO	CO	CO	10/09/2009 to 03/03/2010	1067040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (EN1 CORNER)	CAREFUL AVE	CO	CO	10/09/2009 to 03/03/2010	1067023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAN DR (SE CORNER)	VISTA DEL ARROYO	CO	CO	10/09/2009 to 03/03/2010	1067039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULHOLLAND HWY (W CORNER)	WARING DR	CO	CO	10/09/2009 to 03/03/2010	1067019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WARING DR (NE1 CORNER)	MULHOLLAND HWY	CO	CO	10/09/2009 to 03/03/2010	1067018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DEL ARROYO (NE CORNER)	ALAN DR	CO	CO	10/09/2009 to 03/03/2010	1067035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WARING DR (SE1 CORNER)	WESTHAVEN DR	CO	CO	10/09/2009 to 03/03/2010	1067017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DEL ARROYO (NE CORNER)	ALAN DR	CO	CO	10/09/2009 to 03/03/2010	1067036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DEL ARROYO (NE CORNER)	ALAN DR	CO	CO	10/09/2009 to 03/03/2010	1067034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WARING DR (NE1 CORNER)	WESTHAVEN DR	CO	CO	10/09/2009 to 03/03/2010	1067020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESTHAVEN DR (E1 CORNER)	WARING DR	CO	CO	10/09/2009 to 03/03/2010	1067016	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WARING DR (NW1 CORNER)	WESTHAVEN DR	CO	CO	10/09/2009 to 03/03/2010	1067021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (SW CORNER)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067013	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (SW CORNER)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067012	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (SE CORNER)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067014	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESTHAVEN DR (EN1 CORNER)	WARING DR	CO	CO	10/09/2009 to 03/03/2010	1067015	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (SE CORNER)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067011	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESTHAVEN DR (W CORNER)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067009	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESTHAVEN DR (E CORNER)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067010	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COUNTRY ESTATES WY (NE1 CORNER)	WAGON RD	CO	CO	10/09/2009 to 03/03/2010	1091067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (WN1 CORNER)	COUNTRY ESTATES WY	CO	CO	10/09/2009 to 03/03/2010	1091075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLD MILL CREEK LN (E CORNER)	COUNTRY ESTATES WY	CO	CO	10/09/2009 to 03/03/2010	1091068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (E CORNER)	CASTLE VIEW DR	CO	CO	10/09/2009 to 03/03/2010	1091073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COUNTRYSIDE DR (W CORNER)	MEDEA MESA RD	CO	CO	10/09/2009 to 03/03/2010	1091065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (E CORNER)	CASTLE VIEW DR	CO	CO	10/09/2009 to 03/03/2010	1091074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (WS1 CORNER)	CASTLE VIEW DR	CO	CO	10/09/2009 to 03/03/2010	1091069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDEA MESA RD (W CORNER)	COUNTRYSIDE DR	CO	CO	10/09/2009 to 03/03/2010	1091064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (EN1 CORNER)	CASTLE VIEW DR	CO	CO	10/09/2009 to 03/03/2010	1091071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (WN1 CORNER)	CASTLE VIEW DR	CO	CO	10/09/2009 to 03/03/2010	1091070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASTLE VIEW DR (NW1 CORNER)	WAGON RD	CO	CO	10/09/2009 to 03/03/2010	1091072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KAYS LN (SW1 CORNER)	DAVIDS RD	CO	CO	10/09/2009 to 03/03/2010	1118110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KAYS LN (W CORNER)	DAVIDS RD	CO	CO	10/09/2009 to 03/03/2010	1118109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KAYS LN (NW1 CORNER)	DAVIDS RD	CO	CO	10/09/2009 to 03/03/2010	1118108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNT CLUB CT (S CORNER)	SILVER CREEK RD	CO	CO	10/09/2009 to 03/03/2010	1091079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris





**ATTACHMENT 8.1 - EXHIBIT 2**

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	FREMANTLE LN (NW2 CORNER)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FREMANTLE LN (NE2 CORNER)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152110	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLESLEY DR (E CORNER)	FREMANTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152177	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLLINGWOOD CIR (WS1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLLINGWOOD CIR (WS2 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLLINGWOOD CIR (WN1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLLINGWOOD CIR (WN2 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMBER CIR (SE2 CORNER)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLLINGWOOD CIR (WN3 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLLINGWOOD CIR (ES1 CORNER)	AMBER CIR	CO	CO	10/09/2009 to 03/03/2010	1152013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMBER CIR (SW2 CORNER)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMBER CIR (SE1 CORNER)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (N CORNER)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152007	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMBER CIR (SW1 CORNER)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLLINGWOOD CIR (WS1 CORNER)	AMBER CIR	CO	CO	10/09/2009 to 03/03/2010	1152018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLLINGWOOD CIR (WS2 CORNER)	AMBER CIR	CO	CO	10/09/2009 to 03/03/2010	1152019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLLINGWOOD CIR (WN1 CORNER)	AMBER CIR	CO	CO	10/09/2009 to 03/03/2010	1152020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLLINGWOOD CIR (WN2 CORNER)	AMBER CIR	CO	CO	10/09/2009 to 03/03/2010	1152021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VILLAWOOD CIR (WS1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (NE1 CORNER)	VILLAWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152025	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VILLAWOOD CIR (WN1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VILLAWOOD CIR (WN2 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (NW1 CORNER)	VILLAWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152026	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THOUSAND OAKS BLVD (S CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THOUSAND OAKS BLVD (S CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THOUSAND OAKS BLVD (S CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUMBERLAND LN (E CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (SW1 CORNER)	CUMBERLAND LN	CO	CO	10/09/2009 to 03/03/2010	1152028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUMBERLAND LN (ES1 CORNER)	NEWCASTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152029	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUMBERLAND LN (ES2 CORNER)	NEWCASTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152030	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUMBERLAND LN (EN1 CORNER)	NEWCASTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152031	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUMBERLAND LN (EN2 CORNER)	NEWCASTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152032	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (N CORNER)	CUMBERLAND LN	CO	CO	10/09/2009 to 03/03/2010	1152033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THOUSAND OAKS BLVD (S CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (ES1 CORNER)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (SW1 CORNER)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLINGTON CT (SE2 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (ES2 CORNER)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN1 CORNER)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN2 CORNER)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLINGTON CT (SE1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON CT (W CORNER)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (NW1 CORNER)	CUMBERLAND LN	CO	CO	10/09/2009 to 03/03/2010	1152039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN3 CORNER)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON CT (W CORNER)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THOUSAND OAKS BLVD (NW1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (N CORNER)	WELLINGTON CT	CO	CO	10/09/2009 to 03/03/2010	1152070	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (NE1 CORNER)	CUMBERLAND LN	CO	CO	10/09/2009 to 03/03/2010	1152040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON CT (W CORNER)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIMPSON PL (N CORNER)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152044	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIMPSON PL (N CORNER)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152045	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPENCER CT (WS1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLESLEY DR (S CORNER)	HAMILTON CT	CO	CO	10/09/2009 to 03/03/2010	1152034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIMPSON PL (N CORNER)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLESLEY DR (E CORNER)	HAMILTON CT	CO	CO	10/09/2009 to 03/03/2010	1152035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 2**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	SPENCER CT (WN1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (NW1 CORNER)	SPENCER CT	CO	CO	10/09/2009 to 03/03/2010	1152067	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARSDEN CT (WS1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINGSTON CT (W CORNER)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (N CORNER)	MARSDEN CT	CO	CO	10/09/2009 to 03/03/2010	1152064	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARSDEN CT (W1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (E CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152046	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (E CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152047	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (SE2 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (S CORNER)	MELBOURNE CT	CO	CO	10/09/2009 to 03/03/2010	1152042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (SE2 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (ES1 CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152048	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (SW1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RICHMOND CT (NW2 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (SE1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (SW1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (SE1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN1 CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152049	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN1 CORNER)	RICHMOND CT	CO	CO	10/09/2009 to 03/03/2010	1152060	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RICHMOND CT (NW1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (ES1 CORNER)	MANLEY CT	CO	CO	10/09/2009 to 03/03/2010	1152055	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RICHMOND CT (NW3 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (NE1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (NW1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (NE1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN1 CORNER)	MANLEY CT	CO	CO	10/09/2009 to 03/03/2010	1152056	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (NW1 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (NE2 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (NE2 CORNER)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAYLORD CT (W CORNER)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MELBOURNE CT (W CORNER)	NEWCASTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (NW1 CORNER)	MELBOURNE CT	CO	CO	10/09/2009 to 03/03/2010	1152104	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAYLORD CT (W CORNER)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHALMERS PL (WS1 CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHALMERS PL (WN1 CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHALMERS PL (WN2 CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (N CORNER)	CHALMERS PL	CO	CO	10/09/2009 to 03/03/2010	1152093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLESLEY DR (NE1 CORNER)	GAYLORD CT	CO	CO	10/09/2009 to 03/03/2010	1152107	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLESLEY DR (NE2 CORNER)	GAYLORD CT	CO	CO	10/09/2009 to 03/03/2010	1152108	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (NE1 CORNER)	MELBOURNE CT	CO	CO	10/09/2009 to 03/03/2010	1152106	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (NW2 CORNER)	MELBOURNE CT	CO	CO	10/09/2009 to 03/03/2010	1152105	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHADY GROVE PL (WS1 CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHADY GROVE PL (WS2 CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHADY GROVE PL (WN1 CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152097	300	LACFCD	DBH	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHADY GROVE PL (WN2 CORNER)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152098	300	LACFCD	DBH	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (END OF ST)		CO	CO	09/09/2013 to 03/04/2014	1438001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEATHERDALE DR (NE CORNER)	SLAUSON AVE	CO	CO	09/09/2013 to 03/04/2014	1534257	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NE CORNER)	SLAUSON AVE	CO	CO	09/09/2013 to 03/04/2014	1534258	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (NE CORNER)	SLAUSON AVE	CO	CO	09/09/2013 to 03/04/2014	1534255	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARJAN (E CORNER)		CO	CO	09/09/2013 to 03/04/2014	1534256	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NE CORNER)	FAIRWAY BL	CO	CO	09/09/2013 to 03/04/2014	1588011	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	VALLEY RIDGE AVE	CO	CO	09/09/2013 to 03/04/2014	1588010	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	VALLEY RIDGE AVE	CO	CO	09/09/2013 to 03/04/2014	1588012	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BL (SW CORNER)	OLYMPIAD DR	CO	CO	09/09/2013 to 03/04/2014	1588013	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (NE CORNER)	FAIRWAY BL	CO	CO	09/09/2013 to 03/04/2014	1588014	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	VALLEY RIDGE AVE (NW CORNER)	FAIRWAY BL	CO	CO	09/09/2013 to 03/04/2014	1588191	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SE CORNER)	ANGELES VISTA BL	CO	CO	09/09/2013 to 03/04/2014	1588189	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SE CORNER)	ANGELES VISTA BL	CO	CO	09/09/2013 to 03/04/2014	1588008	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	ANGELES VISTA BL	CO	CO	09/09/2013 to 03/04/2014	1588190	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	ANGELES VISTA BL	CO	CO	09/09/2013 to 03/04/2014	1588188	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSHIRE BLVD ( SE CORNER )	SEPULVEDA BLVD	CO	CO	02/02/2015 to 06/01/2015	1434133	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BLVD ( SW CORNER )	WILSHIRE BLVD	CO	CO	02/02/2015 to 06/01/2015	1434134	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WAY ( E CORNER )	ADMIRALTY WAY	CO	CO	02/02/2015 to 06/01/2015	1438025	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFERSON BLVD ( NW CORNER )	CENTINELA AV	CO	CO	02/02/2015 to 06/01/2015	1482141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELA AV ( NW1 CORNER )	JEFFERSON BLVD	CO	CO	02/02/2015 to 06/01/2015	1482140	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELA AV ( NW2 CORNER )	JEFFERSON BLVD	CO	CO	02/02/2015 to 06/01/2015	1482143	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SOPHOMORE DR ( NE CORNER )	C ST	CO	CO	02/02/2015 to 06/01/2015	1533210	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINGS RD ( NW CORNER )	CROFT AV	CO	CO	02/02/2015 to 06/01/2015	1535050	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINGS RD ( NE CORNER )	CROFT AV	CO	CO	02/02/2015 to 06/01/2015	1535055	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELA AV ( NW CORNER )	HERBQURNE DR	CO	CO	02/02/2015 to 06/01/2015	1535351	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARTH AV ( SE CORNER )	RADLOCK AV	CO	CO	02/02/2015 to 06/01/2015	1535349	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALVERN ST ( NE CORNER )	RADLOCK AV	CO	CO	02/02/2015 to 06/01/2015	1535346	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( NW CORNER )	DON FELIPE DR	CO	CO	02/02/2015 to 06/01/2015	1587226	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( NE CORNER )	PRESIDO DR	CO	CO	02/02/2015 to 06/01/2015	1587227	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( NW CORNER )	VALLEY RIDGE AV	CO	CO	02/02/2015 to 06/01/2015	1587229	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( SW CORNER )	DON FELIPE DR	CO	CO	02/02/2015 to 06/01/2015	1587236	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR ( SE CORNER )	STOCKER ST	CO	CO	02/02/2015 to 06/01/2015	1587242	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR ( SW CORNER )	STOCKER ST	CO	CO	02/02/2015 to 06/01/2015	1587243	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR ( SW CORNER )	STOCKER ST	CO	CO	02/02/2015 to 06/01/2015	1587268	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( NW CORNER )	PRESIDO DR	CO	CO	02/02/2015 to 06/01/2015	1587246	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( SW CORNER )	VALLEY RIDGE AV	CO	CO	02/02/2015 to 06/01/2015	1587258	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AE/OVERHILL DR ( ALLEY )	58TH	CO	CO	02/02/2015 to 06/01/2015	1588024	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA BREA AV ( NE CORNER )	SLAUSON AV	CO	CO	02/02/2015 to 06/01/2015	1588241	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA BREA AV ( NE CORNER )	SLAUSON AV	CO	CO	02/02/2015 to 06/01/2015	1588240	306	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV ( NE CORNER )	LA BREA AV	CO	CO	02/02/2015 to 06/01/2015	1588243	306	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV ( NE CORNER )	LA BREA AV	CO	CO	02/02/2015 to 06/01/2015	1588242	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV ( NE CORNER )	LA BREA AV	CO	CO	02/02/2015 to 06/01/2015	1588239	306	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KANAN RD ( SW CORNER )	MALIBU VIEW CT	CO	CO	02/02/2015 to 06/01/2015	1066054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KANAN RD ( SE CORNER )	MALIBU VIEW CT	CO	CO	02/02/2015 to 06/01/2015	1066056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAZEL NUT CT ( SE CORNER )	MULHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1067044	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAZEL NUT CT ( NE CORNER )	MULHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1067045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAS VIRGENES RD ( W CORNER )	PARKMOR RD	CO	CO	02/02/2015 to 06/01/2015	1117057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAS VIRGENES RD ( SW CORNER )	MUREAU RD	CO	CO	02/02/2015 to 06/01/2015	1117058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOST HILLS RD ( NW CORNER )	CANWOOD ST	CO	CO	02/02/2015 to 06/01/2015	1118006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOST HILLS RD ( NE CORNER )	CANWOOD ST	CO	CO	02/02/2015 to 06/01/2015	1118007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOST HILLS RD ( SW CORNER )	CANWOOD ST	CO	CO	02/02/2015 to 06/01/2015	1118008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOST HILLS RD ( SE CORNER )	CANWOOD ST	CO	CO	02/02/2015 to 06/01/2015	1118009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKVIEW CT ( NW CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118083	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKVIEW CT ( SW CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKVIEW CT ( SE CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REVERE WY ( NW CORNER )	TIFFANY CT	CO	CO	02/02/2015 to 06/01/2015	1118086	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TIFFANY CT ( NW CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REVERE WY ( NW CORNER )	LIBERTY CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1118088	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIBERTY CANYON RD ( NW CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIBERTY CANYON RD ( SE CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIBERTY CANYON RD ( SW CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIBERTY CANYON RD ( NE CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118216	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOKES CANYON RD ( NW1 CORNER )	MUHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1120003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOKES CANYON RD ( NW2 CORNER )	MUHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1119007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOKES CANYON RD ( NE2 CORNER )	MUHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1119008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 2**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	STOKES CANYON RD ( NE1 CORNER )	MUHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1120006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAS VIRGENES RD ( SE CORNER )	MUREAU RD	CO	CO	02/02/2015 to 06/01/2015	1152208	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODBUFF RD ( SE CORNER )	COLD CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1156009	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( NW CORNER )	BALI WY	CO	CO	02/02/2015 to 06/01/2015	1437235	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( SW CORNER )	BALI WY	CO	CO	02/02/2015 to 06/01/2015	1437236	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( SE CORNER )	BALI WY	CO	CO	02/02/2015 to 06/01/2015	1438002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN BLVD ( SE CORNER )	MINDANAO WY	CO	CO	02/02/2015 to 06/01/2015	1438003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINDANAO WY ( SW CORNER )	LINCOLN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINDANAO WY ( SE CORNER )	LINCOLN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WAY ( NW CORNER )	ALMIRALTY WY	CO	CO	02/02/2015 to 06/01/2015	1438008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WAY ( NW CORNER )	ALMIRALTY WY	CO	CO	02/02/2015 to 06/01/2015	1438009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OCEAN AV ( SW CORNER )	ALMIGHTY WY	CO	CO	02/02/2015 to 06/01/2015	1438013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OCEAN AV ( SE CORNER )	ALMIGHTY WY	CO	CO	02/02/2015 to 06/01/2015	1438014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( SE CORNER )	PALAWAN WY	CO	CO	02/02/2015 to 06/01/2015	1438016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( SE CORNER )	PALAWAN WY	CO	CO	02/02/2015 to 06/01/2015	1438017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( NE CORNER )	PALAWAN WY	CO	CO	02/02/2015 to 06/01/2015	1438018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA MARINA ( SW CORNER )	TAHITI WY	CO	CO	02/02/2015 to 06/01/2015	1438019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA MARINA ( SE CORNER )	TAHITI WY	CO	CO	02/02/2015 to 06/01/2015	1438020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA MARINA ( NE CORNER )	VIA VONTE	CO	CO	02/02/2015 to 06/01/2015	1438021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA MARINA ( SE CORNER )	VIA VONTE	CO	CO	02/02/2015 to 06/01/2015	1438022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WY ( NW CORNER )	ALMIGHTY WY	CO	CO	02/02/2015 to 06/01/2015	1438023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WY ( SW CORNER )	ALMIGHTY WY	CO	CO	02/02/2015 to 06/01/2015	1438024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WY ( W CORNER )	ALMIGHTY WY	CO	CO	02/02/2015 to 06/01/2015	1438026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( NE CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438043	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( E CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438035	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARQUESAS WY ( E CORNER )	VIA MARINA	CO	CO	02/02/2015 to 06/01/2015	1438030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TAHITI WY ( E CORNER )	VIA MARINA	CO	CO	02/02/2015 to 06/01/2015	1438028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TAHITI WY ( E CORNER )	VIA MARINA	CO	CO	02/02/2015 to 06/01/2015	1438029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TAHITI WY ( E CORNER )	VIA MARINA	CO	CO	02/02/2015 to 06/01/2015	1438027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN BLVD ( SE CORNER )	FIJI WY	CO	CO	02/02/2015 to 06/01/2015	1438039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( NE CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438036	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( E CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438042	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( E CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438037	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( E CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438038	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( E CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438041	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BALI WY ( W CORNER )	ADMIRALTY WY	CO	CO	02/02/2015 to 06/01/2015	1438040	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINDANAO WY ( W CORNER )	ADMIRALTY WY	CO	CO	02/02/2015 to 06/01/2015	1438044	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUDCROFT DR ( NW CORNER )	SANDY CAPE DR	CO	CO	02/02/2015 to 06/01/2015	1274010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUDCROFT DR ( NE CORNER )	SANDY CAPE DR	CO	CO	02/02/2015 to 06/01/2015	1274011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANDY CAPE DR ( SE CORNER )	CLOUDCROFT DR	CO	CO	02/02/2015 to 06/01/2015	1274012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLIFFTOP WY ( NW CORNER )	MALIBU VISTA DR	CO	CO	02/02/2015 to 06/01/2015	1274013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MALIBU VISTA DR ( SW CORNER )	CLIFFTOP WY	CO	CO	02/02/2015 to 06/01/2015	1275001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MALIBU VISTA DR ( SE CORNER )	CLIFFTOP WY	CO	CO	02/02/2015 to 06/01/2015	1275002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAKECREST DR ( NW CORNER )	SPRAY LN	CO	CO	02/02/2015 to 06/01/2015	1275003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRAY LN ( S CORNER )	WAKECREST DR	CO	CO	02/02/2015 to 06/01/2015	1275004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASTLEROCK RD ( NW CORNER )	WAKECREST DR	CO	CO	02/02/2015 to 06/01/2015	1275005	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASTLEROCK RD ( NE CORNER )	WAKECREST DR	CO	CO	02/02/2015 to 06/01/2015	1275006	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEAHORN DR ( NW2 CORNER )	WAKECREST DR	CO	CO	02/02/2015 to 06/01/2015	1275007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEAHORN DR ( NE2 CORNER )	WAKECREST DR	CO	CO	02/02/2015 to 06/01/2015	1275008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAKECREST DR ( NW CORNER )	CASTLEROCK RD	CO	CO	02/02/2015 to 06/01/2015	1275009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAKECREST DR ( NE CORNER )	CASTLEROCK RD	CO	CO	02/02/2015 to 06/01/2015	1275010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEAHORN DR ( NW1 CORNER )	WAKECREST DR	CO	CO	02/02/2015 to 06/01/2015	1275011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEAHORN DR ( NE1 CORNER )	WAKECREST DR	CO	CO	02/02/2015 to 06/01/2015	1275012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAKECREST DR ( NE CORNER )	SEAHORN DR	CO	CO	02/02/2015 to 06/01/2015	1275013	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASTLEROCK RD ( NW CORNER )	COASTLINE DR	CO	CO	02/02/2015 to 06/01/2015	1275015	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 2**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	COASTLINE DR ( NW2 CORNER )	CASTLE ROCK RD	CO	CO	02/02/2015 to 06/01/2015	1275016	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COASTLINE DR ( NW1 CORNER )	CASTLE ROCK RD	CO	CO	02/02/2015 to 06/01/2015	1275017	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COASTLINE DR ( SW CORNER )	CASTLE ROCK RD	CO	CO	02/02/2015 to 06/01/2015	1275018	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COASTLINE DR ( SE1 CORNER )	CASTLE ROCK RD	CO	CO	02/02/2015 to 06/01/2015	1275019	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COASTLINE DR ( SE2 CORNER )	CASTLE ROCK RD	CO	CO	02/02/2015 to 06/01/2015	1275020	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COASTLINE DR ( NW2 CORNER )	SURFVIEW DR	CO	CO	02/02/2015 to 06/01/2015	1275021	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COASTLINE DR ( NW1 CORNER )	SURFVIEW DR	CO	CO	02/02/2015 to 06/01/2015	1275022	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SURFVIEW DR ( NW CORNER )	COASTLINE DR	CO	CO	02/02/2015 to 06/01/2015	1275023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COASTLINE DR ( SW CORNER )	SURFVIEW DR	CO	CO	02/02/2015 to 06/01/2015	1275027	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COASTLINE DR ( SE CORNER )	SURFVIEW DR	CO	CO	02/02/2015 to 06/01/2015	1275028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COASTLINE DR ( NE2 CORNER )	CASTLE ROCK RD	CO	CO	02/02/2015 to 06/01/2015	1275036	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORRAL CANYON RD ( MKR 3.09 )	NEWWELL RD	CO	CO	02/02/2015 to 06/01/2015	1095018	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEAVER DR ( NW1 CORNER )	MALIBU CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1123042	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEAVER DR ( NW3 CORNER )	MALIBU CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1123044	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BANOWSKY BLVD ( NE2 CORNER )	JOHN TYLER DR	CO	CO	02/02/2015 to 06/01/2015	1123054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BANOWSKY BLVD ( NE1 CORNER )	JOHN TYLER DR	CO	CO	02/02/2015 to 06/01/2015	1123055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANZAITA PARK AV ( NW CORNER )	LAS FLORES CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1196001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANZAITA PARK AV ( NE CORNER )	LAS FLORES CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1196002	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLDER DR ( SW CORNER )	VIEWRIDGE RD	CO	CO	02/02/2015 to 06/01/2015	1231174	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLDER DR ( SW CORNER )	VIEWRIDGE RD	CO	CO	02/02/2015 to 06/01/2015	1231175	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLDER DR ( SE CORNER )	VIEWRIDGE RD	CO	CO	02/02/2015 to 06/01/2015	1231176	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIEWRIDGE RD ( SE CORNER )	HOLDER DR	CO	CO	02/02/2015 to 06/01/2015	1231177	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIEWRIDGE RD ( SE CORNER )	TOPANGA CANYON BLVD	CO	CO	02/02/2015 to 06/01/2015	1231178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIEWRIDGE RD ( SE CORNER )	TOPANGA CANYON BLVD	CO	CO	02/02/2015 to 06/01/2015	1231179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIEWRIDGE RD ( NE CORNER )	TOPANGA CANYON BLVD	CO	CO	02/02/2015 to 06/01/2015	1231180	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FERWOOD PACIFIC DR ( NE CORNER )	WALNUT TR	CO	CO	02/02/2015 to 06/01/2015	1234004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIGHTHILL DR ( N CORNER )	BELLINI DR	CO	CO	02/02/2015 to 06/01/2015	1270017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIGHTHILL DR ( SE CORNER )	BELLINI DR	CO	CO	02/02/2015 to 06/01/2015	1270018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELLINI DR ( N CORNER )	HEIDI LN	CO	CO	02/02/2015 to 06/01/2015	1270019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEIDI LN ( NE CORNER )	VIEWRIDGE RD	CO	CO	02/02/2015 to 06/01/2015	1270020	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEIDI LN ( NE CORNER )	VIEWRIDGE RD	CO	CO	02/02/2015 to 06/01/2015	1270021	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEIDI LN ( NW CORNER )	VIEWRIDGE RD	CO	CO	02/02/2015 to 06/01/2015	1270022	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIEWRIDGE RD ( EN CORNER )	HEIDI LN	CO	CO	02/02/2015 to 06/01/2015	1270023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHAGALL RD ( E CORNER )	SCHWEITZER DR	CO	CO	02/02/2015 to 06/01/2015	1270024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHAGALL RD ( WS CORNER )	SCHWEITZER DR	CO	CO	02/02/2015 to 06/01/2015	1270025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VOLTAIRE DR ( SE CORNER )	CHAGALL RD	CO	CO	02/02/2015 to 06/01/2015	1270026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VOLTAIRE DR ( SW CORNER )	CHAGALL RD	CO	CO	02/02/2015 to 06/01/2015	1270027	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VAN ALLEN PL ( S CORNER )	STONEFORD CT	CO	CO	02/02/2015 to 06/01/2015	1270028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDENHALL CT ( NE CORNER )	SUMMIT POINT DR	CO	CO	02/02/2015 to 06/01/2015	1270029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDENHALL CT ( SE CORNER )	SUMMIT POINT DR	CO	CO	02/02/2015 to 06/01/2015	1270030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUMMIT POINT DR ( NE CORNER )	MENDENHALL CT	CO	CO	02/02/2015 to 06/01/2015	1270031	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUMMIT POINT DR ( NE CORNER )	MENDENHALL CT	CO	CO	02/02/2015 to 06/01/2015	1270032	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUMMIT POINT DR ( NW CORNER )	MENDENHALL CT	CO	CO	02/02/2015 to 06/01/2015	1270033	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUMMIT POINT DR ( NW CORNER )	MENDENHALL CT	CO	CO	02/02/2015 to 06/01/2015	1270034	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUMMIT POINT DR ( NW CORNER )	MENDENHALL CT	CO	CO	02/02/2015 to 06/01/2015	1270035	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRUNNELL CT ( NW CORNER )	SUMMIT POINT DR	CO	CO	02/02/2015 to 06/01/2015	1270036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUMMIT POINTE DR ( NE CORNER )	VIEWRIDGE RD	CO	CO	02/02/2015 to 06/01/2015	1270037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUMMIT POINTE DR ( NW CORNER )	VIEWRIDGE RD	CO	CO	02/02/2015 to 06/01/2015	1270038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIEWRIDGE RD ( NE CORNER )	SUMMIT POINTE DR	CO	CO	02/02/2015 to 06/01/2015	1270039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIEWRIDGE RD ( NW CORNER )	SUMMIT POINTE DR	CO	CO	02/02/2015 to 06/01/2015	1270040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIEWRIDGE RD ( SE CORNER )	SUMMIT POINTE DR	CO	CO	02/02/2015 to 06/01/2015	1270041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE ( E CORNER )	S. CORNING AVE	CO	CO	02/02/2015 to 06/01/2015	1534288	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( NE CORNER )	S LA CIENEGA BLVD	CO	CO	02/02/2015 to 06/01/2015	1534290	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( SE CORNER )	S LA CIENEGA BLVD	CO	CO	02/02/2015 to 06/01/2015	1534291	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BALI WAY ( SW CORNER )	ADMIRALTY WAY	CO	CO	02/29/2016 to 09/30/2016	1438032	300	CO	DBH	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

## ATTACHMENT 8.1 - EXHIBIT 2

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Santa Monica Bay Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	BALI WAY (SW CORNER)	ADMIRALTY WAY	CO	CO	02/29/2016 to 09/30/2016	1438031	300	CO	DBH	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

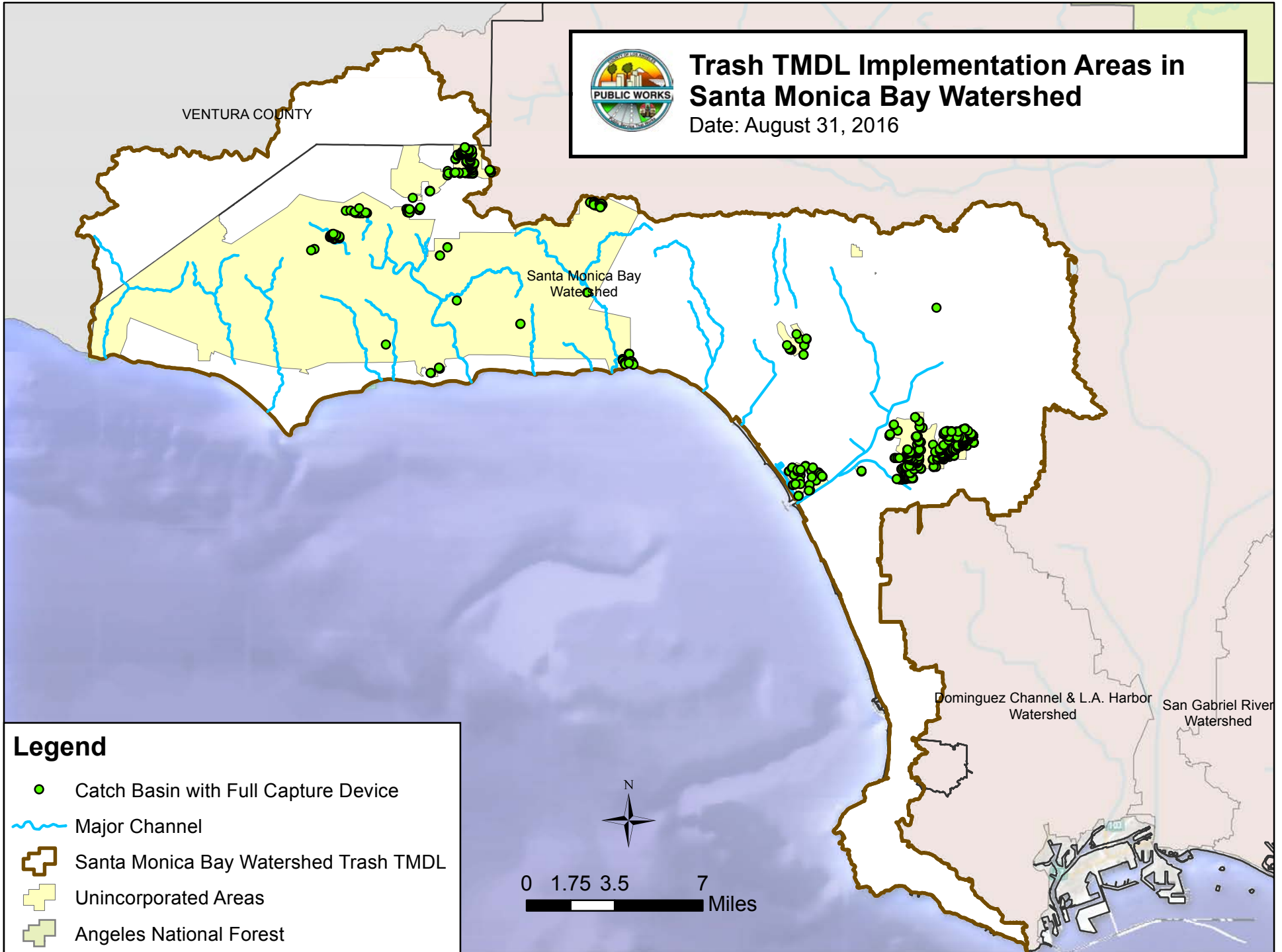
**Notations:**

- Form      Insert additional rows, as necessary
- Column 1:    Indicate certified full capture device (FCD) installed
- Column 2:    Name FCD street location and indicate whether: E - East, N - North; NE - North East; NW - North West; S - South; SE - South East; SW - South West; W - West
- Column 3:    Name the nearest cross street location of the FCD; A/E - Alleyway East of; A/N Alleyway North of
- Column 4:    FCD Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 5:    FCD Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 6:    Provide the date when FCD was installed
- Column 7:    Indicate County or City assigned catch basin (CB) identification (ID) numbers
- Column 8:    Type of CB based on Standard Plan for Public Works Construction from Greenbook Committee, Public Works Standards, Inc. (i.e., 300-2; 301-2; 302-2; 303-2; etc.)
- Column 9:    CB Owned by: DBH - Department of Beaches and Harbor; CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 10:    CB Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 11:    Indicate frequency of FCD maintenance (e.g. inspection & cleanout: 1x/3 mo., 1x/6 mo., 1x Nov., 1x Jan., 1x Aug., etc.)



# Trash TMDL Implementation Areas in Santa Monica Bay Watershed

Date: August 31, 2016





**ATTACHMENT 8.1 - EXHIBIT 3**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Malibu Creek Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	MULHOLLAND HWY (NE Corner)	SEMINOLE DR	CO	CO	10/09/2009 to 03/03/2010	1067831	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAREFUL AVE (NE Corner)	MULHOLLAND HWY	CO	CO	10/09/2009 to 03/03/2010	1067026	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (ES Corner)	CAREFUL AVE	CO	CO	10/09/2009 to 03/03/2010	1067025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAN DR (SE Corner)	VISTA DEL ARROYO	CO	CO	10/09/2009 to 03/03/2010	1067040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (EN Corner)	CAREFUL AVE	CO	CO	10/09/2009 to 03/03/2010	1067023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAN DR (SE Corner)	VISTA DEL ARROYO	CO	CO	10/09/2009 to 03/03/2010	1067039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULHOLLAND HWY (W Corner)	WARING DR	CO	CO	10/09/2009 to 03/03/2010	1067019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WARING DR (NE Corner)	MULHOLLAND HWY	CO	CO	10/09/2009 to 03/03/2010	1067018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DEL ARROYO (NE Corner)	ALAN DR	CO	CO	10/09/2009 to 03/03/2010	1067035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WARING DR (SE Corner)	WESTHAVEN DR	CO	CO	10/09/2009 to 03/03/2010	1067017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DEL ARROYO (NE Corner)	ALAN DR	CO	CO	10/09/2009 to 03/03/2010	1067036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DEL ARROYO (NE Corner)	ALAN DR	CO	CO	10/09/2009 to 03/03/2010	1067034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WARING DR (NE Corner)	WESTHAVEN DR	CO	CO	10/09/2009 to 03/03/2010	1067020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESTHAVEN DR (ES Corner)	WARING DR	CO	CO	10/09/2009 to 03/03/2010	1067016	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WARING DR (NW Corner)	WESTHAVEN DR	CO	CO	10/09/2009 to 03/03/2010	1067021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (SW Corner)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067013	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (SW Corner)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067012	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (SE Corner)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067014	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESTHAVEN DR (EN1 Corner)	WARING DR	CO	CO	10/09/2009 to 03/03/2010	1067015	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRIUNFO DR (SE Corner)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067011	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESTHAVEN DR (W Corner)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067009	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESTHAVEN DR (E Corner)	BLANE RD	CO	CO	10/09/2009 to 03/03/2010	1067010	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COUNTRY ESTATES WY (NE Corner)	WAGON RD	CO	CO	10/09/2009 to 03/03/2010	1091067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (WN Corner)	COUNTRY ESTATES WY	CO	CO	10/09/2009 to 03/03/2010	1091075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLD MILL CREEK LN (E Corner)	COUNTRY ESTATES WY	CO	CO	10/09/2009 to 03/03/2010	1091068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (E Corner)	CASTLE VIEW DR	CO	CO	10/09/2009 to 03/03/2010	1091073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COUNTRYSIDE DR (W Corner)	MEDEA MESA RD	CO	CO	10/09/2009 to 03/03/2010	1091065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (E Corner)	CASTLE VIEW DR	CO	CO	10/09/2009 to 03/03/2010	1091074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (SW Corner)	CASTLE VIEW DR	CO	CO	10/09/2009 to 03/03/2010	1091069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDEA MESA RD (W Corner)	COUNTRYSIDE DR	CO	CO	10/09/2009 to 03/03/2010	1091064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (NE Corner)	CASTLE VIEW DR	CO	CO	10/09/2009 to 03/03/2010	1091071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAGON RD (NW Corner)	CASTLE VIEW DR	CO	CO	10/09/2009 to 03/03/2010	1091070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASTLE VIEW DR (NW Corner)	WAGON RD	CO	CO	10/09/2009 to 03/03/2010	1091072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KAYS LN (SW Corner)	DAVIDS RD	CO	CO	10/09/2009 to 03/03/2010	1118110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KAYS LN (W Corner)	DAVIDS RD	CO	CO	10/09/2009 to 03/03/2010	1118109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KAYS LN (NW Corner)	DAVIDS RD	CO	CO	10/09/2009 to 03/03/2010	1118108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNT CLUB CT (S Corner)	SILVER CREEK RD	CO	CO	10/09/2009 to 03/03/2010	1091079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DAVIDS RD (N Corner)	KAYS LN	CO	CO	10/09/2009 to 03/03/2010	1118107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DAVIDS RD (N Corner)	KAYS LN	CO	CO	10/09/2009 to 03/03/2010	1118106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AGOURA RD (E Corner)	LIBERTY CANYON DR	CO	CO	10/09/2009 to 03/03/2010	1118047	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (WS Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152140	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (ES Corner)	LAS VIRGENES RD	CO	CO	10/09/2009 to 03/03/2010	1152148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (WS Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (WN Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152144	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (E Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152160	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (WS Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (ES Corner)	LAS VIRGENES RD	CO	CO	10/09/2009 to 03/03/2010	1152146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (WN Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (WN Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (N Corner)	MUREAU RD	CO	CO	10/09/2009 to 03/03/2010	1152158	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (ES Corner)	LAS VIRGENES RD	CO	CO	10/09/2009 to 03/03/2010	1152151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (N Corner)	MUREAU RD	CO	CO	10/09/2009 to 03/03/2010	1152159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (NE Corner)	LAS VIRGENES RD	CO	CO	10/09/2009 to 03/03/2010	1152147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (NE Corner)	LAS VIRGENES RD	CO	CO	10/09/2009 to 03/03/2010	1152149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARRETT CT (NE Corner)	MUREAU RD	CO	CO	10/09/2009 to 03/03/2010	1152204	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUREAU RD (NE Corner)	LAS VIRGENES RD	CO	CO	10/09/2009 to 03/03/2010	1152150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



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Certified Full Capture Systems Database  
Malibu Creek Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	VILLAWOOD CIR (WN Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VILLAWOOD CIR (WN Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (NW Corner)	VILLAWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152026	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THOUSAND OAKS BLVD (S Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THOUSAND OAKS BLVD (S Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THOUSAND OAKS BLVD (S Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUMBERLAND LN (E Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (SW Corner)	CUMBERLAND LN	CO	CO	10/09/2009 to 03/03/2010	1152028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUMBERLAND LN (ES Corner)	NEWCASTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152029	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUMBERLAND LN (ES Corner)	NEWCASTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152030	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUMBERLAND LN (EN Corner)	NEWCASTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152031	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUMBERLAND LN (EN Corner)	NEWCASTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152032	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (N Corner)	CUMBERLAND LN	CO	CO	10/09/2009 to 03/03/2010	1152033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THOUSAND OAKS BLVD (S Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (ES Corner)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (SW Corner)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLINGTON CT (SE Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (ES Corner)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN Corner)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN Corner)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLINGTON CT (SE Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON CT (W Corner)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (NW Corner)	CUMBERLAND LN	CO	CO	10/09/2009 to 03/03/2010	1152039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN Corner)	THOUSAND OAKS BLVD	CO	CO	10/09/2009 to 03/03/2010	1152073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON CT (W Corner)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THOUSAND OAKS BLVD (NW Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (N Corner)	WELLINGTON CT	CO	CO	10/09/2009 to 03/03/2010	1152070	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (NE Corner)	CUMBERLAND LN	CO	CO	10/09/2009 to 03/03/2010	1152040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON CT (W Corner)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIMPSON PL (N Corner)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152044	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIMPSON PL (N Corner)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152045	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPENCER CT (WS Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLESLEY DR (S Corner)	HAMILTON CT	CO	CO	10/09/2009 to 03/03/2010	1152034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIMPSON PL (N Corner)	COLLINGWOOD CIR	CO	CO	10/09/2009 to 03/03/2010	1152043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLESLEY DR (E Corner)	HAMILTON CT	CO	CO	10/09/2009 to 03/03/2010	1152035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPENCER CT (WN Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (NW Corner)	SPENCER CT	CO	CO	10/09/2009 to 03/03/2010	1152067	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARSDEN CT (WS Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINGSTON CT (W Corner)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (N Corner)	MARSDEN CT	CO	CO	10/09/2009 to 03/03/2010	1152064	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARSDEN CT (WN Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (E Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152046	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (E Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152047	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (SE Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (S Corner)	MELBOURNE CT	CO	CO	10/09/2009 to 03/03/2010	1152042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (SE Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (ES Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152048	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (SW Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RICHMOND CT (NW Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (SE Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (SW Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (SE Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152049	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN Corner)	RICHMOND CT	CO	CO	10/09/2009 to 03/03/2010	1152060	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RICHMOND CT (NW Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (ES Corner)	MANLEY CT	CO	CO	10/09/2009 to 03/03/2010	1152055	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 3**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Malibu Creek Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	RICHMOND CT (NW Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (NE Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (NW Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (NE Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN GATE DR (EN Corner)	MANLEY CT	CO	CO	10/09/2009 to 03/03/2010	1152056	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (NW Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (NE Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANLEY CT (NE Corner)	MOUNTAIN GATE DR	CO	CO	10/09/2009 to 03/03/2010	1152209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAYLORD CT (W Corner)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MELBOURNE CT (W Corner)	NEWCASTLE LN	CO	CO	10/09/2009 to 03/03/2010	1152103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (NW Corner)	MELBOURNE CT	CO	CO	10/09/2009 to 03/03/2010	1152104	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAYLORD CT (W Corner)	WELLESLEY DR	CO	CO	10/09/2009 to 03/03/2010	1152101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHALMERS PL (WS Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHALMERS PL (WN Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHALMERS PL (WN Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLOAN PL (N Corner)	CHALMERS PL	CO	CO	10/09/2009 to 03/03/2010	1152093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLESLEY DR (NE Corner)	GAYLORD CT	CO	CO	10/09/2009 to 03/03/2010	1152107	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELLESLEY DR (NE Corner)	GAYLORD CT	CO	CO	10/09/2009 to 03/03/2010	1152108	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (NE Corner)	MELBOURNE CT	CO	CO	10/09/2009 to 03/03/2010	1152106	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEWCASTLE LN (NW Corner)	MELBOURNE CT	CO	CO	10/09/2009 to 03/03/2010	1152105	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHADY GROVE PL (WS Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHADY GROVE PL (WS Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHADY GROVE PL (WN Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHADY GROVE PL (WN Corner)	SLOAN PL	CO	CO	10/09/2009 to 03/03/2010	1152098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KANAN RD ( SW CORNER )	MALIBU VIEW CT	CO	CO	02/02/2015 to 06/01/2015	1066054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KANAN RD ( SE CORNER )	MALIBU VIEW CT	CO	CO	02/02/2015 to 06/01/2015	1066056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAZEL NUT CT ( SE CORNER )	MULHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1067044	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAZEL NUT CT ( NE CORNER )	MULHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1067045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAS VIRGENES RD ( W CORNER )	PARKMOR RD	CO	CO	02/02/2015 to 06/01/2015	1117057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAS VIRGENES RD ( SW CORNER )	MUREAU RD	CO	CO	02/02/2015 to 06/01/2015	1117058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOST HILLS RD ( NW CORNER )	CANWOOD ST	CO	CO	02/02/2015 to 06/01/2015	1118006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOST HILLS RD ( NE CORNER )	CANWOOD ST	CO	CO	02/02/2015 to 06/01/2015	1118007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOST HILLS RD ( SW CORNER )	CANWOOD ST	CO	CO	02/02/2015 to 06/01/2015	1118008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOST HILLS RD ( SE CORNER )	CANWOOD ST	CO	CO	02/02/2015 to 06/01/2015	1118009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKVIEW CT ( NW CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118083	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKVIEW CT ( SW CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKVIEW CT ( SE CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REVERE WY ( NW CORNER )	TIFFANY CT	CO	CO	02/02/2015 to 06/01/2015	1118086	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TIFFANY CT ( NW CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REVERE WY ( NW CORNER )	LIBERTY CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1118088	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIBERTY CANYON RD ( NW CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIBERTY CANYON RD ( SE CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIBERTY CANYON RD ( SW CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIBERTY CANYON RD ( NE CORNER )	REVERE WY	CO	CO	02/02/2015 to 06/01/2015	1118216	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOKES CANYON RD ( NW CORNER )	MUHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1120003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOKES CANYON RD ( NW CORNER )	MUHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1119007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOKES CANYON RD ( NE CORNER )	MUHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1119008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOKES CANYON RD ( NE CORNER )	MUHOLLAND HWY	CO	CO	02/02/2015 to 06/01/2015	1120006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAS VIRGENES RD ( SE CORNER )	MUREAU RD	CO	CO	02/02/2015 to 06/01/2015	1152208	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODBUFF RD ( SE CORNER )	COLD CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1156009	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

Notations:

Form      Insert additional rows, as necessary

Column 1:    Indicate certified full capture device (FCD) installed

Column 2:    Name FCD street location and indicate whether: E - East, N - North; NE - North East; NW - North West; S - South; SE - South East; SW - South West; W - West

### ATTACHMENT 8.1 - EXHIBIT 3

Certified Full Capture Systems Database  
Malibu Creek Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
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- Column 3: Name the nearest cross street location of the FCD; A/E - Alleyway East of, A/N Alleyway North of
- Column 4: FCD Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 5: FCD Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 6: Provide the date when FCD was installed
- Column 7: Indicate County or City assigned catch basin (CB) identification (ID) numbers
- Column 8: Type of CB based on Standard Plan for Public Works Construction from Greenbook Committee, Public Works Standards, Inc. (i.e., 300-2; 301-2; 302-2; 303-2; etc.)
- Column 9: CB Owned by: DBH - Department of Beaches and Harbor; CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 10: CB Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 11: Indicate frequency of FCD maintenance (e.g. inspection & cleanout: 1x/3 mo., 1x/6 mo., 1x Nov., 1x Jan., 1x Aug., etc.)



# Trash TMDL Implementation Areas in Malibu Creek Watershed





Date: August 31, 2016

VENTURA COUNTY

Los Angeles River Watershed

Santa Monica Bay Watershed

## Legend

-  Catch Basin with Full Capture Device
-  Major Channel
-  Malibu Creek Watershed
-  Unincorporated Areas



0 0.5 1 2 Miles

Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

**BALLONA CREEK WATERSHED  
TRASH TOTAL MAXIMUM DAILY LOAD MONITORING AND ANNUAL REPORT  
IMPLEMENTATION YEAR 12  
OCTOBER 1, 2015 to SEPTEMBER 30, 2016**

**Background**

On August 1, 2002, the Ballona Creek Trash Total Maximum Daily Load (TMDL) was approved and adopted. On February 8, 2005, a Regulatory Action was approved to amend and revise the TMDL. The TMDL implementation schedule requires a 10 percent progressive reduction of the trash baseline load each year starting two years (2004) after the establishment of the TMDL until the numeric target of zero trash is achieved (2013). The final compliance date of zero percent of the baseline load must be achieved by September 30, 2015.

**Potential Point Sources and Responsible Jurisdictions**

Per the 2008-2009 Ballona Creek Trash TMDL Annual Report, there were 310 catch basins that were originally identified that established the baseline condition for the County-unincorporated communities located within the area defined in the Ballona Creek Trash TMDL. There are six County-unincorporated communities within the area defined in the Ballona Creek Trash TMDL. Pursuant to the TMDL, the County is responsible for the point-source trash contributed by the County-unincorporated communities within the Ballona Creek and Marina del Rey watersheds.

**Monitoring and Reporting**

In February 2004, the County submitted the Trash Baseline Monitoring Report as required by the initial TMDL. Five land-use categories were monitored, and a baseline-waste load allocation value was calculated based on the monitoring results.

In April 2007, after extensive research, testing, and development, the County submitted a Full-Capture Device Technical Report<sup>1</sup> for the connector pipe screen (CPS) device to the Regional Board. The CPS device<sup>2</sup> was subsequently certified by the Regional Board as an approved full-capture device on August 1, 2007. According to the Regional Board, "a full-capture system is any single device or series of devices that traps all particles retained by a 5-millimeter mesh screen (100 percent trash removal) and has a design treatment capacity of not less than the peak-flow rate resulting from a one-year, one-hour, storm in the subdrainage area" (Resolution No. 04-023).

In accordance with the TMDL, the County has submitted a Status Report on an annual basis along with the Annual Storm Water Monitoring Report.

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<sup>1</sup> Technical Report - Connector Pipe Screen Design (Full-Capture TMDL Compliance, Screen and Bypassing Sizing Requirements). Dated April 2007.

<sup>2</sup> The list of Executive Officer approved full-capture systems is available at the following site:  
[http://www.waterboards.ca.gov/losangeles/water\\_issues/programs/tmdl/full\\_capture\\_certification.shtml](http://www.waterboards.ca.gov/losangeles/water_issues/programs/tmdl/full_capture_certification.shtml)

**Implementation Strategy**

The County's implementation strategy is to install full-capture devices in all feasible catch basins within the unincorporated areas of the County. The installation of these devices is being completed by construction contracts in order to address the required compliance deadlines. The initial contracts were located in the highest trash generating areas.

**Completed Full-Capture Retrofits**

To date, six construction contracts have been awarded and implemented for the Ballona Creek and Marina del Rey watersheds. With the completion of the sixth contract, the County has met the 100 percent compliance with the installation of full capture systems on all 429 identified catch basins within the County unincorporated areas within the Ballona Creek and Marina del Rey watersheds.

**Future Full-Capture Retrofits**

The County will continue to retrofit any new or newly identified catch basins in the future to meet the 100 percent compliance requirement. Outstanding catch basins will be retrofitted in our next catch basin retrofit contract.

TM:

\\pw01\pwpublic\wmpub\Unincorporated Area East\Projects\Trash TMDLs\2016 EWMP Group Boundaries\Ballona Creek Watershed Trash TMDL 2016\PDFs\BC Trash TMDL Status Report (2015-16.doc

Enc.



**ATTACHMENT 8.1 - EXHIBIT 4**

Certified Full Capture Systems Database  
Ballona Creek Watershed

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	GARTH AV ( NE CORNER )	CENTINELLA AV	CO	CO	08/08/2005 to 01/24/2006	1535013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PALMERO BLVD ( SE CORNER )	STOCKER ST	CO	CO	08/08/2005 to 01/24/2006	1587262	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( SE CORNER )	DON MIGUEL DR	CO	CO	08/08/2005 to 01/24/2006	1587249	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEYDALE AVE ( NE CORNER )	NORTHIDGE DR	CO	CO	08/08/2005 to 01/24/2006	1588244	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( W-MED CORNER )	OVERHILL DR	CO	CO	08/08/2005 to 01/24/2006	1588236	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON ( NW CORNER )	HEATHERDALE DR	CO	CO	08/08/2005 to 01/24/2006	1588213	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N/W CORNER)	LACIENGA BLVD	CO	CO	08/08/2005 to 01/24/2006	1535041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (NW CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1535040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NW CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1535065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV (NW1 CORNER)	BRISTOL WY	CO	CO	08/08/2005 to 01/24/2006	1535059	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV (NW2 CORNER)	BRISTOL WY	CO	CO	08/08/2005 to 01/24/2006	1535064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARCHCREST (N CORNER)	SECRET DR	CO	CO	08/08/2005 to 01/24/2006	1535063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARCROSS DR (NW CORNER)	ANGELES VISTA	CO	CO	08/08/2005 to 01/24/2006	1535061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADALE (SE CORNER)	SPRING DALE	CO	CO	08/08/2005 to 01/24/2006	1588055	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	57TH STREET (SW CORNER)	VALLEY RIDGE AVE	CO	CO	08/08/2005 to 01/24/2006	1534090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARCROSS DR (NW CORNER)	HARTCROSS	CO	CO	08/08/2005 to 01/24/2006	1534091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	57TH STREET (NW CORNER)	VALLEYRIDGE AVE	CO	CO	08/08/2005 to 01/24/2006	1534087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRADNA (NE CORNER)	HARTCROSS	CO	CO	08/08/2005 to 01/24/2006	1534089	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (S CORNER)		CO	CO	08/08/2005 to 01/24/2006	1534082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (SW CORNER)		CO	CO	08/08/2005 to 01/24/2006	1534083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN AVE (W CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1534080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN DR (NW CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1534086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERDUN AVE (W CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1534085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (S CORNER)	VERDUN AVE	CO	CO	08/08/2005 to 01/24/2006	1534028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERDUN AVE (W CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1588018	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERDUN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1588019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERDUN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1534075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ONACREST DR (SE CORNER)	NRIDGE DRIVE	CO	CO	08/08/2005 to 01/24/2006	1534076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INADALE AVE (W CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1588015	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKGLEN AVE (N. W CORNER)	ANGELES VISTA BLVD	CO	CO	08/08/2005 to 01/24/2006	1588025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DR (WN CORNER)	VALLEY RIDGE AVE	CO	CO	08/08/2005 to 01/24/2006	1534097	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1534098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1534099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1534100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SOPHOMORE DR (N CORNER)	FRESHMAN DR	CO	CO	08/08/2005 to 01/24/2006	1588023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (S CORNER)		CO	CO	08/08/2005 to 01/24/2006	1588058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NE CORNER)	WILSHIRE BL	CO	CO	08/08/2005 to 01/24/2006	1588043	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSHIRE BL (NE CORNER)	SAN VICENTES	CO	CO	08/08/2005 to 01/24/2006	1588044	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NE CORNER)	WILSHIRE BL	CO	CO	08/08/2005 to 01/24/2006	1588036	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRINGHAM (NE CORNER)	SAN VICENTE	CO	CO	08/08/2005 to 01/24/2006	1588087	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NW CORNER)	CONSTITUTION AVE	CO	CO	08/08/2005 to 01/24/2006	1588041	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSHIRE BL (NW CORNER)	VETERAN AVE	CO	CO	08/08/2005 to 01/24/2006	1588037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NE CORNER)	CONSTITUTION AVE	CO	CO	08/08/2005 to 01/24/2006	1588088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEVERLY (SE CORNER)	GENESEEE	CO	CO	08/08/2005 to 01/24/2006	1588040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERHOURNE AVE (NE CORNER)	CENTINELLA AVE	CO	CO	08/08/2005 to 01/24/2006	1588039	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NE CORNER)	HOLT AV	CO	CO	08/08/2005 to 01/24/2006	1588060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	WOOSTER AVE	CO	CO	08/08/2005 to 01/24/2006	1588059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	SPRINGPACK AVE	CO	CO	08/08/2005 to 01/24/2006	1588062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINGS RD (W CORNER)	S. CROFT STREET	CO	CO	08/08/2005 to 01/24/2006	1588063	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	62ND ST (SE CORNER)	CONDON AVE	CO	CO	08/08/2005 to 01/24/2006	1588069	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	62ND ST (NE CORNER)	CONDON AVE	CO	CO	08/08/2005 to 01/24/2006	1588065	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORNING AVE (E CORNER)	62ND STREET	CO	CO	08/08/2005 to 01/24/2006	1588070	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588064	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	CORNING AVE	CO	CO	08/08/2005 to 01/24/2006	1588049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORNING AVE (W CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHERBOURNE DR	CO	CO	08/08/2005 to 01/24/2006	1588068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERBOURNE DR (E CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHERBOURNE DR	CO	CO	08/08/2005 to 01/24/2006	1588071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588047	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 4**

Certified Full Capture Systems Database  
Ballona Creek Watershed

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	HEATHERDALE DR (NW CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588073	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERBOURNE DR (E CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588075	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588074	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (W CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NW CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (E CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NW CORNER)	SLAUSON AVE	CO	CO	08/08/2005 to 01/24/2006	1588051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	57TH STREET (S CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	57TH STREET (S CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	57TH STREET (N CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (W CORNER)		CO	CO	08/08/2005 to 01/24/2006	1588081	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (E CORNER)	57TH STREET	CO	CO	08/08/2005 to 01/24/2006	1588082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALDINA PL. (E CORNER)	E END OF /ST.	CO	CO	08/08/2005 to 01/24/2006	1588084	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	GARTH AVE	CO	CO	08/08/2005 to 01/24/2006	1588098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (S CORNER)	SHENANDOAH AVE	CO	CO	08/08/2005 to 01/24/2006	1588001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (W CORNER)	55TH STREET	CO	CO	08/08/2005 to 01/24/2006	1588097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARTH AVE (W CORNER)	55TH STREET	CO	CO	08/08/2005 to 01/24/2006	1588099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (S CORNER)	SENFORD AVE	CO	CO	08/08/2005 to 01/24/2006	1588002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERBROWN DR (E CORNER)	55TH STREET	CO	CO	08/08/2005 to 01/24/2006	1588135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	REYNIER	CO	CO	08/08/2005 to 01/24/2006	1588134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (E CORNER)	55TH STREET	CO	CO	08/08/2005 to 01/24/2006	1588004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SRIDGE AVE (N.W CORNER)	PARKGLEN AVE	CO	CO	08/08/2005 to 01/24/2006	1588005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (E CORNER)		CO	CO	08/08/2005 to 01/24/2006	1534242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSHIRE BL (SE CORNER)	SAN VICENTES	CO	CO	08/08/2005 to 01/24/2006	1534243	0	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (SW CORNER)	CHANSON DR	CO	CO	08/08/2005 to 01/24/2006	1588187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SW CORNER)	MONTEITH DR	CO	CO	08/08/2005 to 01/24/2006	1534248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SW CORNER)	MONTEITH DR	CO	CO	08/08/2005 to 01/24/2006	1534253	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (NE CORNER)	OLYMPIAD DR	CO	CO	08/08/2005 to 01/24/2006	1534250	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (NW CORNER)	MULLEN PL	CO	CO	08/08/2005 to 01/24/2006	1642192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (NW CORNER)	MULLEN PL	CO	CO	08/08/2005 to 01/24/2006	1642191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (WS CORNER)	FAIRWAY BL	CO	CO	08/08/2005 to 01/24/2006	1642190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	PRESIDO DR	CO	CO	08/08/2005 to 01/24/2006	1642189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	MULLEN AVE	CO	CO	08/08/2005 to 01/24/2006	1534238	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (SE CORNER)	FAIRWAY BL	CO	CO	08/08/2005 to 01/24/2006	1534239	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	MULLEN AVE	CO	CO	08/08/2005 to 01/24/2006	1534240	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	ANGELES VISTA BL	CO	CO	08/08/2005 to 01/24/2006	1587224	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SE CORNER)	VICTORIA AVE	CO	CO	08/08/2005 to 01/24/2006	1587223	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	VICTORIA AVE	CO	CO	08/08/2005 to 01/24/2006	1587225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (WN CORNER)	ANGELES VISTA BL	CO	CO	08/08/2005 to 01/24/2006	1533094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (WS CORNER)	VICTORIA AVE	CO	CO	08/08/2005 to 01/24/2006	1533095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (NW CORNER)	VICTORIA AVE	CO	CO	08/08/2005 to 01/24/2006	1533147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADMIRALTY WY (NE CORNER)	BALI WY	CO	CO	08/08/2005 to 01/24/2006	1533149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NW1 CORNER)	54TH ST	CO	CO	08/08/2005 to 01/24/2006	1533148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NE1 CORNER)	54TH ST	CO	CO	08/08/2005 to 01/24/2006	1434100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NW2 CORNER)	54TH ST	CO	CO	08/08/2005 to 01/24/2006	1434101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (NE1 CORNER)	DON QUIXOTE	CO	CO	08/08/2005 to 01/24/2006	1434054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (NE2 CORNER)	DON QUIXOTE	CO	CO	08/08/2005 to 01/24/2006	1434055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (NW1 CORNER)	DON QUIXOTE	CO	CO	08/08/2005 to 01/24/2006	1434053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (NW2 CORNER)	DON QUIXOTE	CO	CO	08/08/2005 to 01/24/2006	1434052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (NW3 CORNER)	DON QUIXOTE	CO	CO	08/08/2005 to 01/24/2006	1434051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE (SW2 CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1434014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (SW CORNER)	PRESIDIO	CO	CO	08/08/2005 to 01/24/2006	1434048	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (SW CORNER)	DON MIGUEL	CO	CO	08/08/2005 to 01/24/2006	1434012	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE (SE CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1434047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE (SW1 CORNER)	STOCKER	CO	CO	08/08/2005 to 01/24/2006	1584262	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SENFORD AV ( NE CORNER )	55TH ST	CO	CO	09/08/2008 to 03/10/2009	1534036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN BL (N CORNER)	FIJI WAY	CO	CO	09/08/2008 to 03/10/2009	1438006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 4**

Certified Full Capture Systems Database  
Ballona Creek Watershed

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	LINCOLN BL (S CORNER)	FIJI WAY	CO	CO	09/08/2008 to 03/10/2009	1438007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRING PARK AVE (NE CORNER)	RADLOCK AVE	CO	CO	09/08/2008 to 03/10/2009	1535004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRING PARK AVE (NW CORNER)	RADLOCK AVE	CO	CO	09/08/2008 to 03/10/2009	1535002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	62ND STREET (S CORNER)	SENFORD AVE	CO	CO	09/08/2008 to 03/10/2009	1535003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEDOUX RD (W CORNER)	64TH STR	CO	CO	09/08/2008 to 03/10/2009	1535001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	62ND STREET (N CORNER)	SENFORD AVE	CO	CO	09/08/2008 to 03/10/2009	1535007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOOSTER AVE (W CORNER)	62ND STR	CO	CO	09/08/2008 to 03/10/2009	1535069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (E CORNER)	62ND STR.	CO	CO	09/08/2008 to 03/10/2009	1535068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	62ND ST (NE CORNER)	CONDON AVE	CO	CO	09/08/2008 to 03/10/2009	1535005	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (W CORNER)	62ND STREET	CO	CO	09/08/2008 to 03/10/2009	1535006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (E CORNER)	62ND STREET	CO	CO	09/08/2008 to 03/10/2009	1535067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S/W CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535066	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HALM AV (SW CORNER)	61ST ST	CO	CO	09/08/2008 to 03/10/2009	1535010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (NE CORNER)	LEDOUX RD	CO	CO	09/08/2008 to 03/10/2009	1535008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535009	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S/E CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535011	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S/W CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535017	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (E CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535014	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANSFIELD AVE (SW CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535016	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANSFIELD AVE (SE CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1535015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (NW CORNER)	LADERA PARK AVE	CO	CO	09/08/2008 to 03/10/2009	1535060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV (NW3 CORNER)	BRISTOL WY	CO	CO	09/08/2008 to 03/10/2009	1535056	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV (NW4 CORNER)	BRISTOL WY	CO	CO	09/08/2008 to 03/10/2009	1535051	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (SW CORNER)	HARTCROSS	CO	CO	09/08/2008 to 03/10/2009	1588057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRING DALE (NW CORNER)	ADALE	CO	CO	09/08/2008 to 03/10/2009	1588056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRADNA (SE CORNER)	HARTCROSS	CO	CO	09/08/2008 to 03/10/2009	1534088	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (S CORNER)	VERDUN AVE	CO	CO	09/08/2008 to 03/10/2009	1534081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN AVE (W CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (SE CORNER)	MIO LAND DR	CO	CO	09/08/2008 to 03/10/2009	1588016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (SE CORNER)	LABREA AVE	CO	CO	09/08/2008 to 03/10/2009	1534078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (N CORNER)	VERDUN AVE	CO	CO	09/08/2008 to 03/10/2009	1534073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIO LAND DR (SE CORNER)	NRIDGE DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIO LAND DR (NE CORNER)	NRIDGE DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LABREA AVE (NE CORNER)	NRIDGE DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (N CORNER)	INADALE AVE	CO	CO	09/08/2008 to 03/10/2009	1588017	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INADALE AVE (N.E CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534069	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ONACREST DR (NE CORNER)	NRIDGE DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (S. W CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (S. W CORNER)	VALLEY RIDGE AVE	CO	CO	09/08/2008 to 03/10/2009	1588020	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (S. E CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (MED CORNER)	PARKGLEN	CO	CO	09/08/2008 to 03/10/2009	1534063	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (S. W CORNER)	VALLEY RIDGE AVE	CO	CO	09/08/2008 to 03/10/2009	1534062	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES AISTA (SE CORNER)	VALLEY RIDGE	CO	CO	09/08/2008 to 03/10/2009	1534065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (SE CORNER)	NRIDGE DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534071	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (NW CORNER)	ANGELES VISTA BLVD	CO	CO	09/08/2008 to 03/10/2009	1534070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE (NE CORNER)	ANGELES AISTA	CO	CO	09/08/2008 to 03/10/2009	1534054	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (NE CORNER)	OVERHILL DRIVE	CO	CO	09/08/2008 to 03/10/2009	1534061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILLCREST DR (SE CORNER)	ANGELES VISTA BL	CO	CO	09/08/2008 to 03/10/2009	1588033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILLCREST DR (SW CORNER)	ANGELES VISTA BL	CO	CO	09/08/2008 to 03/10/2009	1588021	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (SW CORNER)	VERDON AVE	CO	CO	09/08/2008 to 03/10/2009	1534064	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (NW CORNER)	VERDON AVE	CO	CO	09/08/2008 to 03/10/2009	1588026	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (W CORNER)	STOCKER	CO	CO	09/08/2008 to 03/10/2009	1534045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/08/2008 to 03/10/2009	1534060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (SW CORNER)	BRYNHURST AVE	CO	CO	09/08/2008 to 03/10/2009	1534041	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRYNHURST AVE (WS CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1588022	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRYNHURST AVE (WN CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1588034	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (NW CORNER)	BRYNHURST AVE	CO	CO	09/08/2008 to 03/10/2009	1534059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 4**

Certified Full Capture Systems Database  
Ballona Creek Watershed

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	FRESHMAN DR (E CORNER)		CO	CO	09/08/2008 to 03/10/2009	1588027	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRESHMAN DR (E CORNER)	STOCKER	CO	CO	09/08/2008 to 03/10/2009	1534056	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALBERT VERA (S CORNER)	FRESHMAN DR	CO	CO	09/08/2008 to 03/10/2009	1588028	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (W CORNER)	HOMELAND	CO	CO	09/08/2008 to 03/10/2009	1588035	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (E CORNER)	HOMELAND	CO	CO	09/08/2008 to 03/10/2009	1534042	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POLERMO (S CORNER)	STOCKER	CO	CO	09/08/2008 to 03/10/2009	1534058	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SOPHOMORE DR (S CORNER)	FRESHMAN DR	CO	CO	09/08/2008 to 03/10/2009	1534057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (N CORNER)		CO	CO	09/08/2008 to 03/10/2009	1534043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (N CORNER)		CO	CO	09/08/2008 to 03/10/2009	1534039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAWTELLE BL (NW CORNER)	OHIO AVE	CO	CO	09/08/2008 to 03/10/2009	1534027	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAWTELLE BL (NE CORNER)	OHIO AVE	CO	CO	09/08/2008 to 03/10/2009	1534040	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NE CORNER)	WILSHIRE BL	CO	CO	09/08/2008 to 03/10/2009	1588029	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSHIRE BL (SW CORNER)	VETERAN AVE	CO	CO	09/08/2008 to 03/10/2009	1588042	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	SHERBOURNE AVE	CO	CO	09/08/2008 to 03/10/2009	1588038	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERBOURNE AVE (NW CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1588030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (NE CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (NW CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLT AVE (NW CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLT AVE (NE CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534034	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOOSTER AVE (NE CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOOSTER AVE (NW CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1588061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	RADLOCK AVE	CO	CO	09/08/2008 to 03/10/2009	1588031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RADLOCK AVE (NW CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RADLOCK AVE (NE CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NW CORNER)	ALVERN ST	CO	CO	09/08/2008 to 03/10/2009	1534033	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	ALVERN ST	CO	CO	09/08/2008 to 03/10/2009	1534007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NE CORNER)	GARTH AV	CO	CO	09/08/2008 to 03/10/2009	1534038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELLA AVE (NE CORNER)	SPRINGPACK AVE	CO	CO	09/08/2008 to 03/10/2009	1534009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRING PACK AVE (NE CORNER)	CENTINELLA AVE	CO	CO	09/08/2008 to 03/10/2009	1534032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA STREET (W CORNER)		CO	CO	09/08/2008 to 03/10/2009	1534024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINGS RD (E CORNER)	64TH STR	CO	CO	09/08/2008 to 03/10/2009	1534010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENGA BLVD (S CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534023	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (S CORNER)	HOLT AVE	CO	CO	09/08/2008 to 03/10/2009	1534022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (SW CORNER)	LADERA PARK AVE	CO	CO	09/08/2008 to 03/10/2009	1534020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (S CORNER)	HALM AVE	CO	CO	09/08/2008 to 03/10/2009	1534011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	CORNING AVE	CO	CO	09/08/2008 to 03/10/2009	1534037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	CORNING AVE	CO	CO	09/08/2008 to 03/10/2009	1534012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORNING AVE (E CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (SW CORNER)	MANSFIELD AVE	CO	CO	09/08/2008 to 03/10/2009	1588066	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (S CORNER)	SHENANDOAH AVE	CO	CO	09/08/2008 to 03/10/2009	1534013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (SE CORNER)	MANSFIELD AVE	CO	CO	09/08/2008 to 03/10/2009	1534019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (N CORNER)	SHERBOURNE DR	CO	CO	09/08/2008 to 03/10/2009	1534021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHERBOURNE DR (W CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1588067	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORNING AVE (E CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORNING AVE (W CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AVE (S CORNER)	SHENANDOAH AVE	CO	CO	09/08/2008 to 03/10/2009	1534016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NE CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NW CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1588072	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NE CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (W CORNER)	SLAUSON AVE	CO	CO	09/08/2008 to 03/10/2009	1534004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (W CORNER)	57TH ST.	CO	CO	09/08/2008 to 03/10/2009	1588079	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARCROSS DR (SW CORNER)	ANGELES VISTA	CO	CO	09/08/2008 to 03/10/2009	1534001	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRADNA (SW CORNER)	HARTCROSS	CO	CO	09/08/2008 to 03/10/2009	1534002	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WELEN PL. (E CORNER)	E END OF /ST.	CO	CO	09/08/2008 to 03/10/2009	1588080	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	GARTH AVE	CO	CO	09/08/2008 to 03/10/2009	1588096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BLVD (N CORNER)	MARBURN AVE	CO	CO	09/08/2008 to 03/10/2009	1588092	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHASAR PL. (SE CORNER)	E END OF /ST.	CO	CO	09/08/2008 to 03/10/2009	1588095	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARTH AVE (E CORNER)	55TH STREET	CO	CO	09/08/2008 to 03/10/2009	1588093	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	SHENANDOAH AVE	CO	CO	09/08/2008 to 03/10/2009	1588094	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 4**

Certified Full Capture Systems Database  
Ballona Creek Watershed

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	CORNING (E CORNER)	55TH STREET	CO	CO	09/08/2008 to 03/10/2009	1588003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (E CORNER)		CO	CO	09/08/2008 to 03/10/2009	1534246	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (SE CORNER)	LORADO WY	CO	CO	09/08/2008 to 03/10/2009	1534244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (SW CORNER)	LORADO WY	CO	CO	09/08/2008 to 03/10/2009	1534245	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORESTA WY (WS CORNER)	LORADO WY	CO	CO	09/08/2008 to 03/10/2009	1534247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTEITH DR (WS CORNER)	MULLEN AVE	CO	CO	09/08/2008 to 03/10/2009	1534252	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (WN CORNER)	MULLEN AVE	CO	CO	09/08/2008 to 03/10/2009	1534249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (NE CORNER)	MULLEN PL	CO	CO	09/08/2008 to 03/10/2009	1534251	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	PRESIDO DR	CO	CO	09/08/2008 to 03/10/2009	1534231	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (NE CORNER)	FAIRWAY BL	CO	CO	09/08/2008 to 03/10/2009	1588009	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	PRESIDO DR	CO	CO	09/08/2008 to 03/10/2009	1534241	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (WS CORNER)	ANGELES VISTA BL	CO	CO	09/08/2008 to 03/10/2009	1533155	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BL (SW CORNER)	MT VERNON DR	CO	CO	09/08/2008 to 03/10/2009	1533154	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1533153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1533152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (WS CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1533150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MT VERNON DR (WS CORNER)	VICTORIA AVE	CO	CO	09/08/2008 to 03/10/2009	1533151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARITON (NE2 CORNER)	54TH ST	CO	CO	09/08/2008 to 03/10/2009	1434056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (E CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588105	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	HOLT AVE	CO	CO	09/14/2009 to 12/01/2009	1588100	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (W CORNER)	CORNING	CO	CO	09/14/2009 to 12/01/2009	1588101	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	HOLT AVE	CO	CO	09/14/2009 to 12/01/2009	1588102	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (S CORNER)	BEDFORD	CO	CO	09/14/2009 to 12/01/2009	1588103	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (S CORNER)	REYNIER	CO	CO	09/14/2009 to 12/01/2009	1588106	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLT AVE (E CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588104	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	SENFORD AVE	CO	CO	09/14/2009 to 12/01/2009	1588116	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLT AVE (W CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588117	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SENFORD STREET (W CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588115	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	09/14/2009 to 12/01/2009	1588114	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	55TH STREET (N CORNER)	BEDFORD	CO	CO	09/14/2009 to 12/01/2009	1588118	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARBURN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	09/14/2009 to 12/01/2009	1588107	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REYNIER AVE (W CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588113	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEDFORD AVE (W CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588112	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REYNIER AVE (E CORNER)	55TH STREET	CO	CO	09/14/2009 to 12/01/2009	1588108	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERDUN AVE (E CORNER)	ANGELES VISTA BLVD	CO	CO	09/14/2009 to 12/01/2009	1588111	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENEGA BLVD (W CORNER)	S/O STOCKER	CO	CO	09/14/2009 to 12/01/2009	1588109	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LACIENEGA BLVD (E CORNER)	S/O STOCKER	CO	CO	09/14/2009 to 12/01/2009	1588110	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (NW CORNER)	MARJAN AVE	CO	CO	09/14/2009 to 12/01/2009	1588119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE (NE CORNER)	MARJAN AVE	CO	CO	09/14/2009 to 12/01/2009	1588121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SRIDGE AVE (N W CORNER)	PARKGLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1588120	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKGLEN AVE (SE CORNER)	SRIDGE AVE	CO	CO	09/14/2009 to 12/01/2009	1588122	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKGLEN AVE (W CORNER)	SRIDGE AVE	CO	CO	09/14/2009 to 12/01/2009	1588123	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKGLEN AVE (SE CORNER)	SRIDGE AVE	CO	CO	09/14/2009 to 12/01/2009	1588126	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK GLEN AVE (W CORNER)	SRIDGE AVE	CO	CO	09/14/2009 to 12/01/2009	1588124	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK GLEN AVE (NE CORNER)	SRIDGE AVE	CO	CO	09/14/2009 to 12/01/2009	1588125	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NRIDGE DRIVE (NW CORNER)	OVERHILL DRIVE	CO	CO	09/14/2009 to 12/01/2009	1588127	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1588128	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1642198	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1588129	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1642197	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1588130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1642196	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N CORNER)	STOCKER	CO	CO	09/14/2009 to 12/01/2009	1642195	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER (N CORNER)	FRESHMAN DR	CO	CO	09/14/2009 to 12/01/2009	1588136	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST (NE CORNER)	DON LORENZO DR	CO	CO	09/14/2009 to 12/01/2009	1642194	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALBERT VERA (N CORNER)	FRESHMAN DR	CO	CO	09/14/2009 to 12/01/2009	1642193	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (W CORNER)		CO	CO	09/14/2009 to 12/01/2009	1588131	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (W CORNER)		CO	CO	09/14/2009 to 12/01/2009	1588132	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARK MAIN RD (E CORNER)		CO	CO	09/14/2009 to 12/01/2009	1588133	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 4**

Certified Full Capture Systems Database  
Ballona Creek Watershed

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	PARK MAIN RD (W CORNER)		CO	CO	09/14/2009 to 12/01/2009	1588137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (WS CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (WS CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (WN CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588138	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NE CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588139	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NW CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588141	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (NE CORNER)	CHANSON DR	CO	CO	09/14/2009 to 12/01/2009	1588140	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHANSON DR (WS CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHANSON DR (WN CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (NW CORNER)	CHANSON DR	CO	CO	09/14/2009 to 12/01/2009	1588144	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHANSON DR (ES CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DE ORO AVE (ES CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DE ORO AVE (ES CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588168	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHANSON DR (EN CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588180	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DE ORO AVE (EN CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588179	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NE CORNER)	VISTA DE ORO AVE	CO	CO	09/14/2009 to 12/01/2009	1588167	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NW CORNER)	VISTA DE ORO AVE	CO	CO	09/14/2009 to 12/01/2009	1588173	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (SE CORNER)	FLORESTA WY	CO	CO	09/14/2009 to 12/01/2009	1588170	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORADO WY (SW CORNER)	FLORESTA WY	CO	CO	09/14/2009 to 12/01/2009	1588165	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SW CORNER)	FLORESTA WY	CO	CO	09/14/2009 to 12/01/2009	1588174	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORESTA WY (WN CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588172	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SE CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588178	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLEY (WN CORNER)	MULLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1588169	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLEY (WN CORNER)	MULLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1588177	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CREST WY (NW CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588166	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CREST WY (NE CORNER)	LORADO WY	CO	CO	09/14/2009 to 12/01/2009	1588171	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (NE CORNER)	CRESTWOLD AVE	CO	CO	09/14/2009 to 12/01/2009	1588186	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (SE CORNER)	WMOUNT AVE	CO	CO	09/14/2009 to 12/01/2009	1588185	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (SE CORNER)	WMOUNT AVE	CO	CO	09/14/2009 to 12/01/2009	1588182	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE (SW CORNER)	WMOUNT AVE	CO	CO	09/14/2009 to 12/01/2009	1588181	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SE CORNER)	MONTEITH DR	CO	CO	09/14/2009 to 12/01/2009	1588176	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WMOUNT AVE (WS CORNER)	VICTORIA AVE	CO	CO	09/14/2009 to 12/01/2009	1588175	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WMOUNT AVE (WN CORNER)	VICTORIA AVE	CO	CO	09/14/2009 to 12/01/2009	1588007	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (SW CORNER)	MONTEITH DR	CO	CO	09/14/2009 to 12/01/2009	1588006	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTEITH DR (WN CORNER)	MULLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1588153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (NW CORNER)	MONTEITH DR	CO	CO	09/14/2009 to 12/01/2009	1588184	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN PL (NW CORNER)	OLYMPIAD DR	CO	CO	09/14/2009 to 12/01/2009	1588183	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN PL (NE CORNER)	OLYMPIAD DR	CO	CO	09/14/2009 to 12/01/2009	1588150	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (WS CORNER)	MULLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1588152	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (NW CORNER)	OLYMPIAD DR	CO	CO	09/14/2009 to 12/01/2009	1588147	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CIRCLE VIEW BL (SW CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588151	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (NE CORNER)	MULLEN PL	CO	CO	09/14/2009 to 12/01/2009	1588154	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	MULLEN AVE	CO	CO	09/14/2009 to 12/01/2009	1642188	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULLEN AVE (NW CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588159	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (SW CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588156	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588155	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588158	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588157	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588164	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (SE CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588162	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (SW CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588161	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WS CORNER)	PRESIDO DR	CO	CO	09/14/2009 to 12/01/2009	1588160	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NW CORNER)	FAIRWAY BL	CO	CO	09/14/2009 to 12/01/2009	1588163	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA (END OF ST)		CO	CO	09/09/2013 to 03/04/2014	1438001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEATHERDALE DR (NE CORNER)	SLAUSON AVE	CO	CO	09/09/2013 to 03/04/2014	1534257	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OVERHILL DRIVE (NE CORNER)	SLAUSON AVE	CO	CO	09/09/2013 to 03/04/2014	1534258	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA BLVD (N/E CORNER)	SLAUSON AVE	CO	CO	09/09/2013 to 03/04/2014	1534255	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARJAN (E CORNER)		CO	CO	09/09/2013 to 03/04/2014	1534256	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR (NE CORNER)	FAIRWAY BL	CO	CO	09/09/2013 to 03/04/2014	1588011	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 4**

Certified Full Capture Systems Database

Ballona Creek Watershed

Part VI.E.5.c.i -

Monitoring and Reporting Requirements

L.A. County MS4 Permit

County of Los Angeles

Date: 08/31/2016

Reporting Year: 2016

Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	FAIRWAY BL (WS CORNER)	VALLEY RIDGE AVE	CO	CO	09/09/2013 to 03/04/2014	1588010	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY BL (WN CORNER)	VALLEY RIDGE AVE	CO	CO	09/09/2013 to 03/04/2014	1588012	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANGELES VISTA BL (SW CORNER)	OLYMPIAD DR	CO	CO	09/09/2013 to 03/04/2014	1588013	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (NE CORNER)	FAIRWAY BL	CO	CO	09/09/2013 to 03/04/2014	1588014	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY RIDGE AVE (NW CORNER)	FAIRWAY BL	CO	CO	09/09/2013 to 03/04/2014	1588191	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SE CORNER)	ANGELES VISTA BL	CO	CO	09/09/2013 to 03/04/2014	1588189	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SE CORNER)	ANGELES VISTA BL	CO	CO	09/09/2013 to 03/04/2014	1588008	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	ANGELES VISTA BL	CO	CO	09/09/2013 to 03/04/2014	1588190	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIAD DR (SW CORNER)	ANGELES VISTA BL	CO	CO	09/09/2013 to 03/04/2014	1588188	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSHIRE BLVD ( SE CORNER )	SEPULVEDA BLVD	CO	CO	02/02/2015 to 06/01/2015	1434133	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BLVD ( SW CORNER )	WILSHIRE BLVD	CO	CO	02/02/2015 to 06/01/2015	1434134	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WAY ( E CORNER )	ADMIRALTY WAY	CO	CO	02/02/2015 to 06/01/2015	1438025	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFERSON BLVD ( NW CORNER )	CENTINELA AV	CO	CO	02/02/2015 to 06/01/2015	1482141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELA AV ( NW1 CORNER )	JEFFERSON BLVD	CO	CO	02/02/2015 to 06/01/2015	1482140	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELA AV ( NW2 CORNER )	JEFFERSON BLVD	CO	CO	02/02/2015 to 06/01/2015	1482143	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SOPHOMORE DR ( NE CORNER )	C ST	CO	CO	02/02/2015 to 06/01/2015	1533210	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINGS RD ( NW CORNER )	CROFT AV	CO	CO	02/02/2015 to 06/01/2015	1535050	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINGS RD ( NE CORNER )	CROFT AV	CO	CO	02/02/2015 to 06/01/2015	1535055	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTINELA AV ( NW CORNER )	HERBQURNE DR	CO	CO	02/02/2015 to 06/01/2015	1535351	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARTH AV ( SE CORNER )	RADLOCK AV	CO	CO	02/02/2015 to 06/01/2015	1535349	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALVERN ST ( NE CORNER )	RADLOCK AV	CO	CO	02/02/2015 to 06/01/2015	1535346	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( NW CORNER )	DON FELIPE DR	CO	CO	02/02/2015 to 06/01/2015	1587226	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( NE CORNER )	PRESIDO DR	CO	CO	02/02/2015 to 06/01/2015	1587227	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( NW CORNER )	VALLEY RIDGE AV	CO	CO	02/02/2015 to 06/01/2015	1587229	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( SW CORNER )	DON FELIPE DR	CO	CO	02/02/2015 to 06/01/2015	1587236	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR ( SE CORNER )	STOCKER ST	CO	CO	02/02/2015 to 06/01/2015	1587242	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR ( SW CORNER )	STOCKER ST	CO	CO	02/02/2015 to 06/01/2015	1587243	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRESIDO DR ( SW CORNER )	STOCKER ST	CO	CO	02/02/2015 to 06/01/2015	1587268	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( NW CORNER )	PRESIDO DR	CO	CO	02/02/2015 to 06/01/2015	1587246	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( SW CORNER )	VALLEY RIDGE AV	CO	CO	02/02/2015 to 06/01/2015	1587258	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AE/OVERHILL DR ( ALLEY )	58TH	CO	CO	02/02/2015 to 06/01/2015	1588024	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA BREA AV ( NE CORNER )	SLAUSON AV	CO	CO	02/02/2015 to 06/01/2015	1588241	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA BREA AV ( NE CORNER )	SLAUSON AV	CO	CO	02/02/2015 to 06/01/2015	1588240	306	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV ( NE CORNER )	LA BREA AV	CO	CO	02/02/2015 to 06/01/2015	1588243	306	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV ( NE CORNER )	LA BREA AV	CO	CO	02/02/2015 to 06/01/2015	1588242	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLAUSON AV ( NE CORNER )	LA BREA AV	CO	CO	02/02/2015 to 06/01/2015	1588239	306	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( NW CORNER )	BALI WY	CO	CO	02/02/2015 to 06/01/2015	1437235	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( SW CORNER )	BALI WY	CO	CO	02/02/2015 to 06/01/2015	1437236	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( SE CORNER )	BALI WY	CO	CO	02/02/2015 to 06/01/2015	1438002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN BLVD ( SE CORNER )	MINDANAO WY	CO	CO	02/02/2015 to 06/01/2015	1438003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINDANAO WY ( SW CORNER )	LINCOLN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINDANAO WY ( SE CORNER )	LINCOLN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WAY ( NW CORNER )	ALMIRALTY WY	CO	CO	02/02/2015 to 06/01/2015	1438008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WAY ( NW CORNER )	ALMIRALTY WY	CO	CO	02/02/2015 to 06/01/2015	1438009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OCEAN AV ( SW CORNER )	ALMIGHTY WY	CO	CO	02/02/2015 to 06/01/2015	1438013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OCEAN AV ( SE CORNER )	ALMIGHTY WY	CO	CO	02/02/2015 to 06/01/2015	1438014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( SE CORNER )	PALAWAN WY	CO	CO	02/02/2015 to 06/01/2015	1438016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( SE CORNER )	PALAWAN WY	CO	CO	02/02/2015 to 06/01/2015	1438017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMIRALTY WY ( NE CORNER )	PALAWAN WY	CO	CO	02/02/2015 to 06/01/2015	1438018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA MARINA ( SW CORNER )	TAHITI WY	CO	CO	02/02/2015 to 06/01/2015	1438019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA MARINA ( SE CORNER )	TAHITI WY	CO	CO	02/02/2015 to 06/01/2015	1438020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA MARINA ( NE CORNER )	VIA VONTE	CO	CO	02/02/2015 to 06/01/2015	1438021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA MARINA ( SE CORNER )	VIA VONTE	CO	CO	02/02/2015 to 06/01/2015	1438022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WY ( NW CORNER )	ALMIGHTY WY	CO	CO	02/02/2015 to 06/01/2015	1438023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WY ( SW CORNER )	ALMIGHTY WY	CO	CO	02/02/2015 to 06/01/2015	1438024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIJI WY ( W CORNER )	ALMIGHTY WY	CO	CO	02/02/2015 to 06/01/2015	1438026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( NE CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438043	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( E CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438035	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARQUESAS WY ( E CORNER )	VIA MARINA	CO	CO	02/02/2015 to 06/01/2015	1438030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 4**

Certified Full Capture Systems Database  
Ballona Creek Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	TAHITI WY ( E CORNER )	VIA MARINA	CO	CO	02/02/2015 to 06/01/2015	1438028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TAHITI WY ( E CORNER )	VIA MARINA	CO	CO	02/02/2015 to 06/01/2015	1438029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TAHITI WY ( E CORNER )	VIA MARINA	CO	CO	02/02/2015 to 06/01/2015	1438027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN BLVD ( SE CORNER )	FIJI WY	CO	CO	02/02/2015 to 06/01/2015	1438039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( NE CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438036	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( E CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438042	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( E CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438037	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( E CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438038	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANAY WY ( E CORNER )	OCEAN BLVD	CO	CO	02/02/2015 to 06/01/2015	1438041	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BALI WY ( W CORNER )	ADMIRALTY WY	CO	CO	02/02/2015 to 06/01/2015	1438040	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINDANAO WY ( W CORNER )	ADMIRALTY WY	CO	CO	02/02/2015 to 06/01/2015	1438044	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHENANDOAH AVE ( E CORNER )	S. CORNING AVE	CO	CO	02/02/2015 to 06/01/2015	1534288	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( NE CORNER )	S LA CIENEGA BLVD	CO	CO	02/02/2015 to 06/01/2015	1534290	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STOCKER ST ( SE CORNER )	S LA CIENEGA BLVD	CO	CO	02/02/2015 to 06/01/2015	1534291	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BALI WAY (SW CORNER)	ADMIRALTY WAY	CO	CO	02/29/2016 to 09/30/2016	1438032	300	CO	DBH	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BALI WAY (SW CORNER)	ADMIRALTY WAY	CO	CO	02/29/2016 to 09/30/2016	1438031	300	CO	DBH	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

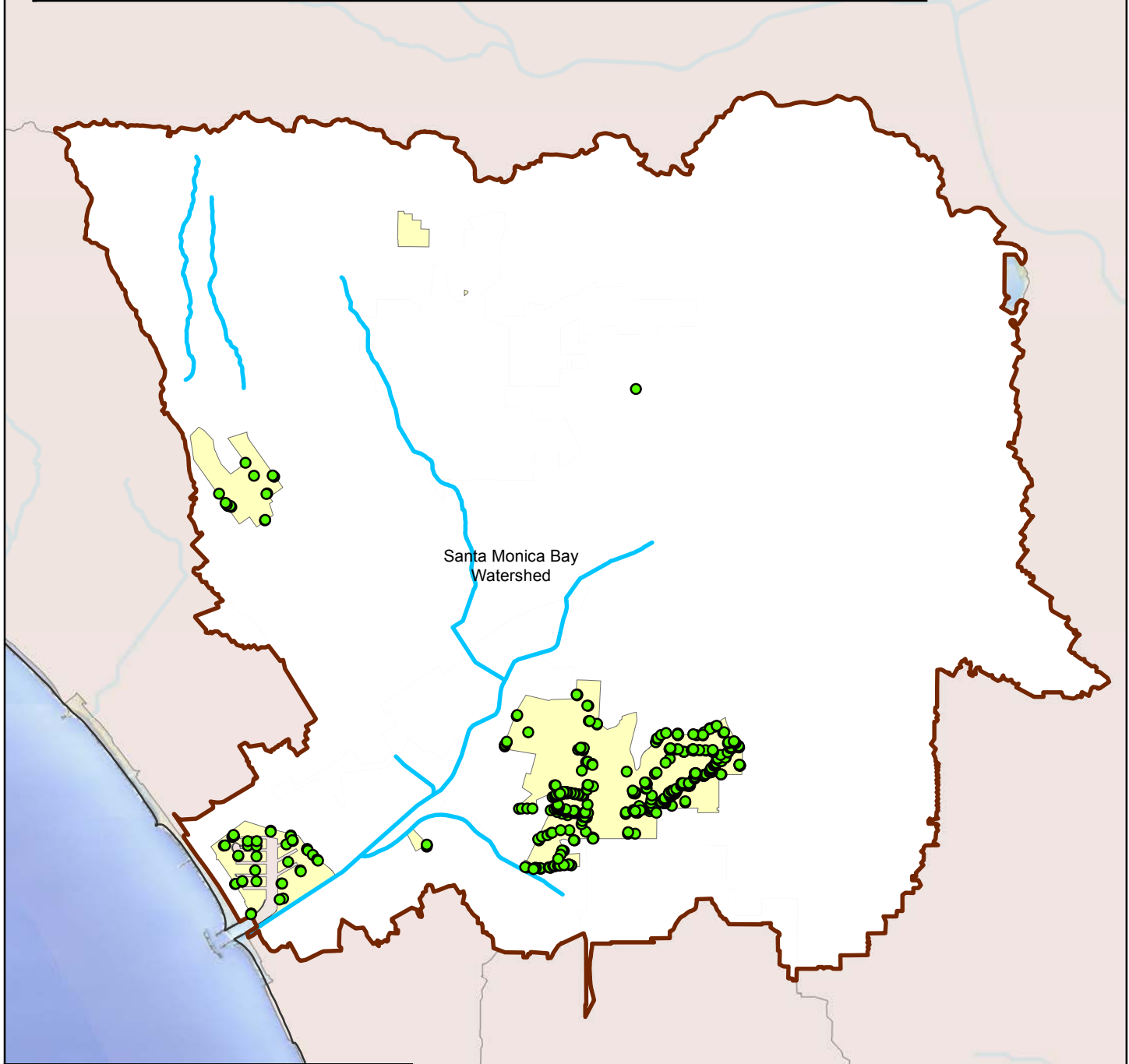
Notations:

- Form                    Insert additional rows, as necessary
- Column 1:            Indicate certified full capture device (FCD) installed
- Column 2:            Name FCD street location and indicate whether: E - East, N - North; NE - North East; NW - North West; S - South; SE - South East; SW - South West; W - West
- Column 3:            Name the nearest cross street location of the FCD; A/E - Alleyway East of; A/N Alleyway North of
- Column 4:            FCD Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 5:            FCD Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 6:            Provide the date when FCD was installed
- Column 7:            Indicate County or City assigned catch basin (CB) identification (ID) numbers
- Column 8:            Type of CB based on Standard Plan for Public Works Construction from Greenbook Committee, Public Works Standards, Inc. (i.e., 300-2; 301-2; 302-2; 303-2; etc.)
- Column 9:            CB Owned by: DBH - Department of Beaches and Harbor; CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 10:           CB Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 11:           Indicate frequency of FCD maintenance (e.g. inspection & cleanout: 1x/3 mo., 1x/6 mo., 1x Nov., 1x Jan., 1x Aug., etc.)







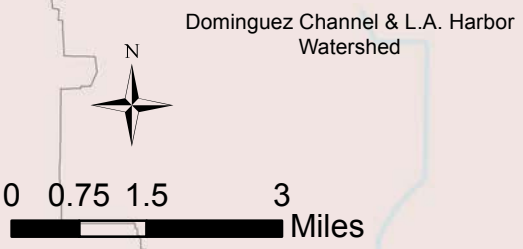


**Trash TMDL Implementation Areas in Ballona Creek Watershed**  
Date: August 31, 2016



**Legend**

-  Catch Basin with Full Capture Device
-  Ballona Creek Watershed
-  Major Channels
-  Unincorporated Areas



Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors



**ATTACHMENT 8.1 - EXHIBIT 5**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Machado Lake Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	CRENSHAW BL (NW CORNER)	SILVER SPUR RD	CO	CO	10/19/2011 to 03/16/2012	1599153	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BL (NE CORNER)	SILVER SPUR RD	CO	CO	10/19/2011 to 03/16/2012	1599156	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEYLER ST (SW CORNER)	JAY ST	CO	CO	10/19/2011 to 03/16/2012	1705171	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JAY ST (SE CORNER)	MEYLER ST	CO	CO	10/19/2011 to 03/16/2012	1705172	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	223RD ST (1100 feet from NE CORNER)	MEYLER ST	CO	CO	10/19/2011 to 03/16/2012	1705177	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	223RD ST (1100 feet from SE CORNER)	MEYLER ST	CO	CO	10/19/2011 to 03/16/2012	1705178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	223RD ST (SW CORNER)	MEYLER ST	CO	CO	10/19/2011 to 03/16/2012	1705184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	223RD ST (SW CORNER)	MEYLER ST	CO	CO	10/19/2011 to 03/16/2012	1705185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEYLER ST (SW CORNER)	223RD ST	CO	CO	10/19/2011 to 03/16/2012	1705186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEYLER ST (SE CORNER)	223RD ST	CO	CO	10/19/2011 to 03/16/2012	1705187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	223RD ST (SE CORNER)	MEYLER ST	CO	CO	10/19/2011 to 03/16/2012	1705188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	223RD ST (NE CORNER)	MEYLER ST	CO	CO	10/19/2011 to 03/16/2012	1705189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	223RD ST (SE CORNER)	HARBOR RIDGE LN	CO	CO	10/19/2011 to 03/16/2012	1705197	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARBOR RIDGE LN (SW CORNER)	223RD ST	CO	CO	10/19/2011 to 03/16/2012	1705198	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARBOR RIDGE LN (SE CORNER)	223RD ST	CO	CO	10/19/2011 to 03/16/2012	1705199	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEYLER ST (SW CORNER)	MAXFIELD ST	CO	CO	10/19/2011 to 03/16/2012	1705200	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	225TH ST (E CORNER)	MEYLER ST	CO	CO	10/19/2011 to 03/16/2012	1705201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	225TH ST (E CORNER)	MEYLER ST	CO	CO	10/19/2011 to 03/16/2012	1705202	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (NW CORNER)	NORMANDIE AV	CO	CO	10/19/2011 to 03/16/2012	1705211	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (NE CORNER)	NORMANDIE AV	CO	CO	10/19/2011 to 03/16/2012	1705212	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (NE CORNER)	ALEXANDRIA AV	CO	CO	10/19/2011 to 03/16/2012	1705213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (N CORNER)	BERENDO AV	CO	CO	10/19/2011 to 03/16/2012	1705214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (NW CORNER)	DOBLE AV	CO	CO	10/19/2011 to 03/16/2012	1705215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (NW CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1705216	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (NW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1705217	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (NE CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1705218	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (NE CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1705219	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VAN DEENE AV (NW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1705220	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VAN DEENE AV (NE CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1705221	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (NE CORNER)	VAN DEENE AV	CO	CO	10/19/2011 to 03/16/2012	1705222	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (NW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1705271	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEYLER ST (SW CORNER)	225TH ST	CO	CO	10/19/2011 to 03/16/2012	1705316	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (SW CORNER)	BERENDO AV	CO	CO	10/19/2011 to 03/16/2012	1705317	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (SW CORNER)	DOBLE AV	CO	CO	10/19/2011 to 03/16/2012	1705318	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (SW CORNER)	NORMANDIE AV	CO	CO	10/19/2011 to 03/16/2012	1705319	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (SW CORNER)	PETROLEUM AV	CO	CO	10/19/2011 to 03/16/2012	1705320	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (SW CORNER)	PETROLEUM AV	CO	CO	10/19/2011 to 03/16/2012	1705321	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (W CORNER)	MEYLER ST	CO	CO	10/19/2011 to 03/16/2012	1705322	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	228TH ST (SE CORNER)	NORMANDIE AV	CO	CO	10/19/2011 to 03/16/2012	1705323	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (SW CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706020	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	SEPULVEDA BL	CO	CO	10/19/2011 to 03/16/2012	1706021	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (NE CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEPULVEDA BL (SE CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STONECLIFF LN (S CORNER)	PASATIEMPO LN	CO	CO	10/19/2011 to 03/16/2012	1706025	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKHEATH DR (NW CORNER)	PASATIEMPO LN	CO	CO	10/19/2011 to 03/16/2012	1706027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKHEATH DR (SW CORNER)	PASATIEMPO LN	CO	CO	10/19/2011 to 03/16/2012	1706028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIVEWOOD LN (NW CORNER)	OAKHEATH DR	CO	CO	10/19/2011 to 03/16/2012	1706029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINEFOREST LN (NW CORNER)	OAKHEATH DR	CO	CO	10/19/2011 to 03/16/2012	1706030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKREST LN (NW CORNER)	OAKHEATH DR	CO	CO	10/19/2011 to 03/16/2012	1706031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (NE CORNER)	OAKHEATH DR	CO	CO	10/19/2011 to 03/16/2012	1706032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (NW CORNER)	OAKHEATH DR	CO	CO	10/19/2011 to 03/16/2012	1706033	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (SW CORNER)	PASATIEMPO LN	CO	CO	10/19/2011 to 03/16/2012	1706036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (SW CORNER)	PASATIEMPO LN	CO	CO	10/19/2011 to 03/16/2012	1706037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (SE CORNER)	PASATIEMPO LN	CO	CO	10/19/2011 to 03/16/2012	1706040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (SE CORNER)	PASATIEMPO LN	CO	CO	10/19/2011 to 03/16/2012	1706041	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STONEBRYN DR (SE CORNER)	FERNREST DR	CO	CO	10/19/2011 to 03/16/2012	1706042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FERNREST DR (SE CORNER)	STONEBRYN DR	CO	CO	10/19/2011 to 03/16/2012	1706043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FERNREST DR (SE CORNER)	STONEBRYN DR	CO	CO	10/19/2011 to 03/16/2012	1706044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FERNREST DR (NE CORNER)	STONEBRYN DR	CO	CO	10/19/2011 to 03/16/2012	1706045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STONEBRYN DR (W CORNER)	FERNREST DR	CO	CO	10/19/2011 to 03/16/2012	1706046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (S CORNER)	ASHBRIDGE DR	CO	CO	10/19/2011 to 03/16/2012	1706047	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (S CORNER)	ASHBRIDGE DR	CO	CO	10/19/2011 to 03/16/2012	1706048	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 5**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Machado Lake Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	*CHANNEL* (S CORNER)	ASHBRIDGE DR	CO	CO	10/19/2011 to 03/16/2012	1706049	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (S CORNER)	ASHBRIDGE DR	CO	CO	10/19/2011 to 03/16/2012	1706050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PASATIEMPO LN (E CORNER)	OAKHEATH DR	CO	CO	10/19/2011 to 03/16/2012	1706051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (N CORNER)	ASHBRIDGE DR	CO	CO	10/19/2011 to 03/16/2012	1706052	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (N CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706053	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (N CORNER)	ASHBRIDGE DR	CO	CO	10/19/2011 to 03/16/2012	1706054	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (W CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706055	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (W CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706056	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (W CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706057	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (W CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706058	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (W CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706059	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STONEBRYN DR (SW CORNER)	FERNMLEAD LN	CO	CO	10/19/2011 to 03/16/2012	1706060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STONEBRYN DR (SE CORNER)	FERNMLEAD LN	CO	CO	10/19/2011 to 03/16/2012	1706061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FERNMLEAD LN (N CORNER)	STONEBRYN DR	CO	CO	10/19/2011 to 03/16/2012	1706062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (W CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706063	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (W CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706064	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (W CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706065	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (W CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706066	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	*CHANNEL* (E CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706068	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWELL AV (S CORNER)	225TH ST	CO	CO	10/19/2011 to 03/16/2012	1706075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (SW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BERENDO AV (SW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BERENDO AV (SE CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706154	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PETROLEUM AV (SW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706156	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PETROLEUM AV (SE CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706157	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWELL AV (SW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWELL AV (SE CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706160	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DOUBLE AV (SW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706162	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DOUBLE AV (SE CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706163	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706164	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706165	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SE CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706166	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VANDEENE AV (SW CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706167	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VANDEENE AV (SE CORNER)	228TH ST	CO	CO	10/19/2011 to 03/16/2012	1706168	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KAYWOOD DR (NE CORNER)	VANDEENE AV	CO	CO	10/19/2011 to 03/16/2012	1706170	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	232ND ST (SW CORNER)	SESAME ST	CO	CO	10/19/2011 to 03/16/2012	1706171	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	232ND ST (E CORNER)	SESAME ST	CO	CO	10/19/2011 to 03/16/2012	1706265	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	UNDENCLIFF ST (NW CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	UNDENCLIFF ST (SW CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1706207	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWELL AV (E CORNER)	OAKWAGER ST	CO	CO	10/19/2011 to 03/16/2012	1706208	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWELL AV (NW CORNER)	SEPULVEDA BL	CO	CO	10/19/2011 to 03/16/2012	1706209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWELL AV (NE CORNER)	SEPULVEDA BL	CO	CO	10/19/2011 to 03/16/2012	1706210	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (NW CORNER)	SEPULVEDA BL	CO	CO	10/19/2011 to 03/16/2012	1706211	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (NE CORNER)	SEPULVEDA BL	CO	CO	10/19/2011 to 03/16/2012	1706212	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (NW CORNER)	LOMITA BL	CO	CO	10/19/2011 to 03/16/2012	1707007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMITA BL (NW CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1707008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMITA BL (NW CORNER)	VERMONT AV	CO	CO	10/19/2011 to 03/16/2012	1707009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMITA BL (N CORNER)	PETROLEUM AV	CO	CO	10/19/2011 to 03/16/2012	1707010	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMITA BL (N CORNER)	MARIGOLD AV	CO	CO	10/19/2011 to 03/16/2012	1707011	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (NE CORNER)	LOMITA BL	CO	CO	10/19/2011 to 03/16/2012	1707064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAINBOW RIDGE RD ( CORNER)	EASTVALE RD	CO	CO	08/28/2012 to 03/05/2013	1599043	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	222ND ST ( CORNER)	MAYLER ST	CO	CO	08/28/2012 to 03/05/2013	1705176	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FABRY DR ( CORNER)	MARIPOSA AV	CO	CO	08/28/2012 to 03/05/2013	1706038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRUCE LAKE DR ( CORNER)	VERMONT AV	CO	CO	08/28/2012 to 03/05/2013	1706071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	245TH ST ( CORNER)	DOBLE AV	CO	CO	08/28/2012 to 03/05/2013	1706072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	245TH ST ( CORNER)	BROADWELL AV	CO	CO	08/28/2012 to 03/05/2013	1706074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KAYWOOD DR ( CORNER)	VANDEENE AV	CO	CO	08/28/2012 to 03/05/2013	1706169	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JAY ST (NE CORNER)	MEYLER ST	CO	CO	09/09/2013 to 03/04/2014	1705173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JAY ST (SE CORNER)	MEYLER ST	CO	CO	09/09/2013 to 03/04/2014	1705174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARLINE CT (SW CORNER)	GIAN DR	CO	CO	09/09/2013 to 03/04/2014	1705205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARLINE CT (SE CORNER)	GIAN DR	CO	CO	09/09/2013 to 03/04/2014	1705206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANDHURST LN (S CORNER)	PASATIEMPO LN	CO	CO	09/09/2013 to 03/04/2014	1706024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

## ATTACHMENT 8.1 - EXHIBIT 5

Certified Full Capture Systems Database  
Machado Lake Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	STONE COURT CIR (S CORNER)	PASATIEMPO LN	CO	CO	09/09/2013 to 03/04/2014	1706026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	243RD ST (W CORNER)	MARIPOSA AVE	CO	CO	09/09/2013 to 03/04/2014	1706039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENLO AVE (S CORNER)	BELSON ST	CO	CO	09/09/2013 to 03/04/2014	1706255	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	4009 MONTAIGNE WAY (NW CORNER)	ROUSSEAU LN	CO	CO	02/02/2015 to 06/01/2015	1598147	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD (NW CORNER)	ESTATES LN	CO	CO	02/02/2015 to 06/01/2015	1598175	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD (MEDIAN, SOUTH SIDE CORNER)	CHADWICK LN	CO	CO	02/29/2016 to 09/30/2016	1598155	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD (MEDIAN, EAST SIDE CORNER)	CHADWICK LN	CO	CO	02/29/2016 to 09/30/2016	1598170	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD (WN CORNER)	W HIDDEN LN	CO	CO	02/29/2016 to 09/30/2016	1598173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 22ND ST (EN CORNER)	MEYLER ST	CO	CO	02/29/2016 to 09/30/2016	1705175	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S VERMONT AVE (ES CORNER)	STONEBRYN DR	CO	CO	02/29/2016 to 09/30/2016	1706067	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S VERMONT AVE (EN CORNER)	STONEBRYN DR	CO	CO	02/29/2016 to 09/30/2016	1706069	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S VERMONT AVE (ES2 CORNER)	STONEBRYN DR	CO	CO	02/29/2016 to 09/30/2016	1706070	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VAN DEENE AV (811 W 232ND ST CORNER)	KAYWOOD DR	CO	CO	02/29/2016 to 09/30/2016	1706172	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIPOSA AV (SE CORNER)	W 228TH ST	CO	CO	02/29/2016 to 09/30/2016	1706266	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W SEPULVEDA BLVD (WN2 CORNER)	S VERMONT AV	CO	CO	02/29/2016 to 09/30/2016	1706267	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIGOLD AV (NE CORNER)	DAHLIA WY	CO	CO	02/29/2016 to 09/30/2016	1706269	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIPOSA AV (SW CORNER)	W 228TH ST	CO	CO	02/29/2016 to 09/30/2016	1706270	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W SEPULVEDA BLVD (WN3 CORNER)	S VERMONT AV	CO	CO	02/29/2016 to 09/30/2016	1706271	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W SEPULVEDA BLVD (WN CORNER)	S VERMONT AV	CO	CO	02/29/2016 to 09/30/2016	1706272	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**Notations:**

- Form: Insert additional rows, as necessary
- Column 1: Indicate certified full capture device (FCD) installed
- Column 2: Name FCD street location and indicate whether: E - East, N - North; NE - North East; NW - North West; S - South; SE - South East; SW - South West; W - West
- Column 3: Name the nearest cross street location of the FCD; A/E - Alleyway East of; A/N Alleyway North of
- Column 4: FCD Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 5: FCD Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 6: Provide the date when FCD was installed
- Column 7: Indicate County or City assigned catch basin (CB) identification (ID) numbers
- Column 8: Type of CB based on Standard Plan for Public Works Construction from Greenbook Committee, Public Works Standards, Inc. (i.e., 300-2; 301-2; 302-2; 303-2; etc.)
- Column 9: CB Owned by: DBH - Department of Beaches and Harbor; CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 10: CB Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 11: Indicate frequency of FCD maintenance (e.g. inspection & cleanout: 1x/3 mo., 1x/6 mo., 1x Nov., 1x Jan., 1x Aug., etc.)



# Trash TMDL Implemenatation Areas in Machado Lake Watershed

Date: August 31, 2016







0 0.3 0.6 1.2 Miles

Santa Monica Bay Watershed

Dominguez Channel & L.A. Harbor Watershed

### Legend

-  Catch Basin with Full Capture Device
-  Machado Lake
-  Machado Lake Watershed
-  Unincorporated Areas

**LOS ANGELES RIVER WATERSHED  
TRASH TOTAL MAXIMUM DAILY LOAD MONITORING AND ANNUAL REPORT  
IMPLEMENTATION YEAR 9  
OCTOBER 1, 2015 to SEPTEMBER 30, 2016**

**Background**

The Los Angeles River Trash Total Maximum Daily Load (TMDL) was adopted by the Regional Board on August 9, 2007 and became effective on September 23, 2008. The TMDL implementation schedule requires progressive reduction of the trash baseline load each year starting from a 40 percent reduction in 2008 until the numeric target of zero trash is achieved. The final compliance date of zero percent of the baseline load must be achieved by September 30, 2016.

**Responsible Parties**

The Los Angeles River Watershed is comprised of 44 cities and 33 County of Los Angeles (County) unincorporated communities. Pursuant to the TMDL, the County is responsible for the point-source trash contributed by the unincorporated communities within the watershed, which make up 8 percent of the watershed.

**Implementation Strategy**

On March 23, 2009, the County submitted a Trash Implementation Report (Implementation Report) for the unincorporated communities located within the Los Angeles River Watershed. As discussed in the Implementation Report, the County's strategy was to retrofit all catch basins in the unincorporated communities with a full-capture device. For meeting the required compliance deadlines, the installation of the devices proceeded in phases, with the initial phases focusing on the highest trash generating areas.

The full-capture device utilized by the County was certified by the Regional Board on August 1, 2007. The County had conducted extensive research, testing, and development for its connector pipe screen (CPS), and submitted a Full-Capture Device Technical Report to the Regional Board in April 2007. The CPS captures particles retained by a 5-millimeter mesh screen and has a design treatment capacity of no less than the peak-flow rate resulting from a one-year, one-hour storm.

On top of installing CPS, the County also installed Automatic Retractable Screen (ARS), which is a partial-capture device, where possible to provide dual protection and increase the life of the CPS. Concurrently, the County implemented a suite of institutional controls to further reduce trash, including regular street sweeping, trash collection services to minimize illegal dumping and ensure cleanliness of streets, styrofoam ban at County sponsored events and County facilities, single-use plastic bag ban at grocery stores, and a public outreach program.

**Status Reporting**

In accordance with the TMDL, the County submitted annual status reports along with the Annual Storm Water Monitoring Report from 2009 to 2012, and with the County's Individual Annual Report for the Municipal Stormwater Permit beginning in 2013.

As of September 30, 2016, the County has invested \$9 million in installation of CPS and ARS in all technically feasible catch basins, resulting in 4,604 catch basins that are have a CPS or in series with a downstream catch basin that has a CPS. In all, the County achieved a 98.4 percent of reduction (see attached Implementation Area Map, Compliance Summary Report, and Certified Full Capture Systems Database.)

**Maintenance**

Catch basins that have been retrofitted are incorporated into a maintenance contract that provides routine inspection and cleaning. Inspections are conducted once a month between October and April and after each major storm event. Cleaning is conducted when catch basins are filled to 40 percent capacity. Between the months of May to September, catch basins are additionally inspected and cleaned out one time. The maintenance contract also includes repair and replacement of full-capture devices.

**Alternative Compliance Option**

The Revised Trash TMDL, which was adopted by the Los Angeles Regional Water Quality Control Board on June 11, 2015 and became effective June 30, 2016, provided an alternative for Permittees that chose to use full capture devices to achieve compliance, but found a small percentage of catch basins that were technically infeasible for retrofitting. The County has chosen to comply with the alternative option and will be submitting to the Executive Officer an addendum to revise the Upper Los Angeles River Watershed Enhanced Watershed Management Program.

LLM:

P:\wmpub\Unincorporated Area East\Projects\LAR Trash TMDL\Reports\2016 Compliance Report\County LAR Trash TMDL Status Report.docx

Enc.



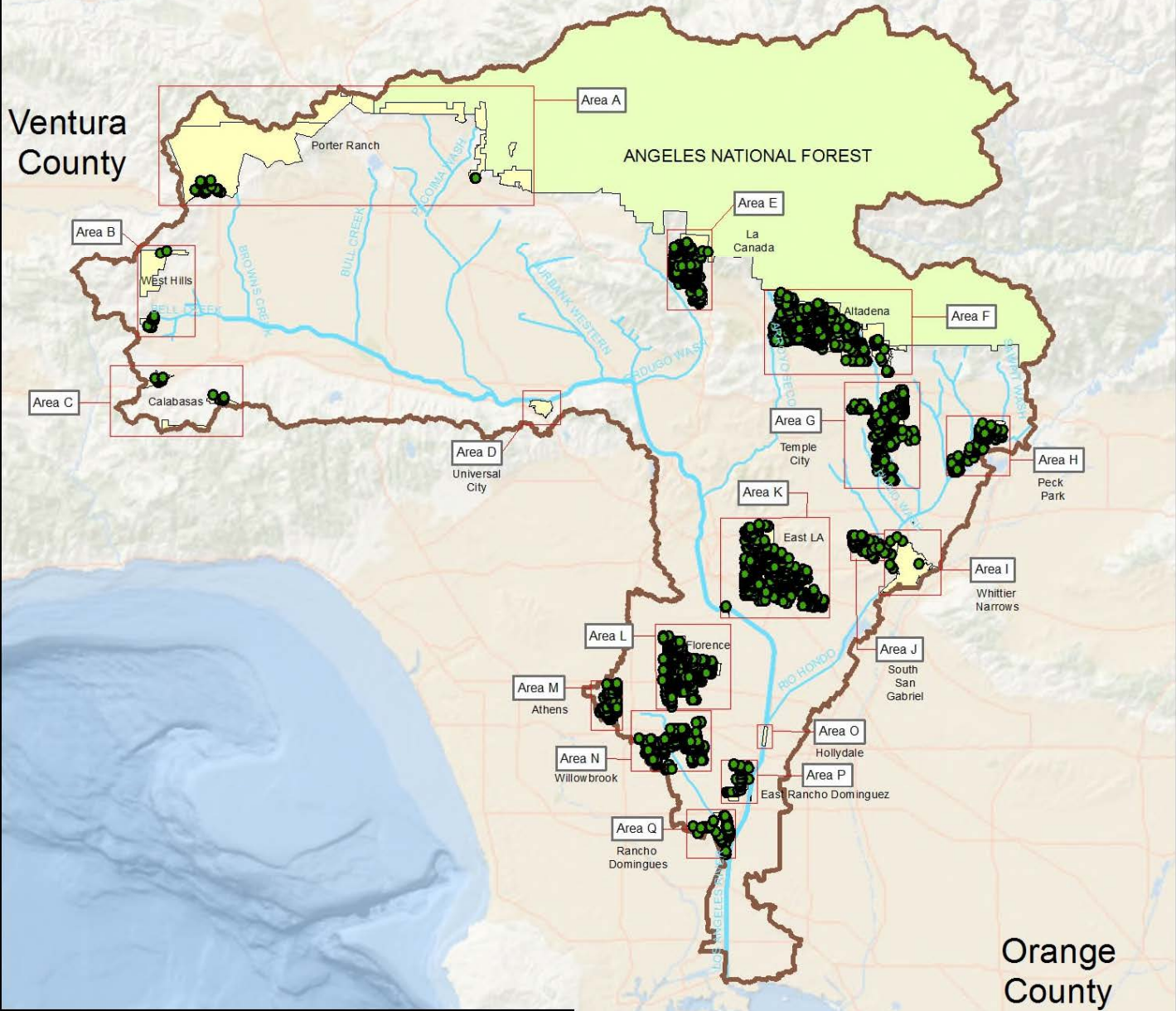


# Trash TMDL Implementation Areas in Los Angeles River Watershed

Date: 8/31/2016

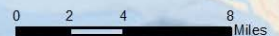
Los Angeles County

Ventura County



### Legend

- Catch Basin with or In Series with Full Capture Device
- Los Angeles River Tributaries
- Los Angeles River
- Angeles National Forest
- Unincorporated Areas
- Los Angeles River



Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

**ATTACHMENT 8.1 - EXHIBIT 6**  
**Compliance Summary Report:**  
**Certified Full Capture Systems**

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10
Reporting Period	Total Area	Total Area served by Full Capture Devices (FCDs)	Percentage of Area served by FCDs	Total # CBs	Total # CBs served by FCDs	Percentage of CBs served by FCDs	Required Trash Abatement (%)	Compliance	Comments
31-Oct-10	168.45	125.35	74.4%	4,351	2,427	55.8%	50%	YES	
31-Oct-11	168.45	102.01	60.6%	4,436	2,444	55.1%	40%	YES	
31-Oct-12	168.45	135.95	80.7%	4,437	3,081	69.4%	30%	YES	
31-Oct-13	168.45	150.08	89.1%	4,437	3,848	86.7%	20%	YES	
31-Oct-14	168.45	163.34	97.0%	4,289	4,134	96.4%	10%	YES	
31-Oct-15	168.45	164.14	97.4%	4,289	4,179	97.4%	3.3%	YES	
<b>31-Oct-16</b>	<b>174.29</b>	<b>171.25</b>	<b>98.3%</b>	<b>4,680</b>	<b>4,604</b>	<b>98.4%</b>	<b>98.0%</b>	<b>YES</b>	Meets the threthold provided in the Revised Trash TMDL, which was adopted by the LA Regional Board on June 11, 2015 and became effective on June 30, 2016.  The total area and total number of catch basins were updated based on the latest inventory.
31-Oct-17							0%	-	
31-Oct-18							0%	-	
31-Oct-19							0%	-	
<b>Notations:</b>									
<b>Form</b>	Either report compliance using land area served by FCDs (Columns 2 through 4) or number of catchbasins served by FCDs (Columns 5 through 7).								
	Continue to add to this form for each annual reporting period								
Column 1:	Reporting Period: Part VI.E.5.c.i of Order No. R4-2012-0175								
Column 2:	Total land area of jurisdiction (square kilometers)								
Column 3:	Total land area of jurisdiction served by certified full capture devices (square kilometers)								
Column 4:	Percentage of total land area of jurisdiction served by FCDs (Col. 3/Col. 2)								
Column 5:	Total number of catchbasins (CBs) within jurisdiction								
Column 6:	Total number of catchbasins (CBs) served by FCDs within jurisdiction								
Column 7:	Percentage of CBs served by FCDs within jurisdiction (Col. 6/Col. 5)								
Column 8:	Required Trash Abatement: Part VI.E.5 and Appendix O of Order No. R4-2012-0175								
Column 9:	Compliance: Yes, if Col. 4 or Col. 7 is greater than Col. 8; No, if Col. 4 or Col. 7 is less than Col. 8								
Column 10:	Provide comments, if necessary								

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	HAWKRIE DR (S CORNER)	PINECONE RD	CO	CO	01/17/2006 to 06/07/2006	1740032	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECONE RD (NW CORNER)	WILLOWHAVEN DR	CO	CO	01/17/2006 to 06/07/2006	1740041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINELAWN DR (N CORNER)	PINECONE RD	CO	CO	01/17/2006 to 06/07/2006	1740046	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINELAWN DR (NW CORNER)	PINECONE RD	CO	CO	01/17/2006 to 06/07/2006	1740048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINELAWN DR (SW CORNER)	PINECONE RD	CO	CO	01/17/2006 to 06/07/2006	1740049	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RIDGEPIE DR (NE CORNER)	PINECONE RD	CO	CO	01/17/2006 to 06/07/2006	1740053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STARFALL DR (NE CORNER)	PINECONE RD	CO	CO	01/17/2006 to 06/07/2006	1740055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINELAWN DR (NW CORNER)	RIDGEPIE DR	CO	CO	01/17/2006 to 06/07/2006	1740059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINELAWN DR (SW CORNER)	RIDGEPIE DR	CO	CO	01/17/2006 to 06/07/2006	1740060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWHAVEN DR (NW CORNER)	RIDGEPIE DR	CO	CO	01/17/2006 to 06/07/2006	1740061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWHAVEN DR (SW CORNER)	RIDGEPIE DR	CO	CO	01/17/2006 to 06/07/2006	1740062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEAPINE LN (NW CORNER)	RIDGEPIE DR	CO	CO	01/17/2006 to 06/07/2006	1740063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARKRIDGE RD (S CORNER)	PINECONE RD	CO	CO	01/17/2006 to 06/07/2006	1740273	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINEGLEN DR (SW CORNER)	ROSEMONT AV	CO	CO	01/17/2006 to 06/07/2006	1740321	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROCKDELL ST (SE CORNER)	ROSEMONT AV	CO	CO	01/17/2006 to 06/07/2006	1740322	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROCKDELL ST (SE CORNER)	ROSEMONT AVE	CO	CO	01/17/2006 to 06/07/2006	1740324	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINERIDGE DR (N CORNER)	PINEGLEN DR	CO	CO	01/17/2006 to 06/07/2006	1740325	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINERIDGE DR (SW CORNER)	PINEGLEN RD	CO	CO	01/17/2006 to 06/07/2006	1740326	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN PINE DR (SW CORNER)	PINEGLEN RD	CO	CO	01/17/2006 to 06/07/2006	1740329	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN PINE DR (NW CORNER)	PINEGLEN RD	CO	CO	01/17/2006 to 06/07/2006	1740330	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEAPINE LN (SW CORNER)	PINEGLEN RD	CO	CO	01/17/2006 to 06/07/2006	1740335	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAKEE AV (NW CORNER)	E 70TH ST	CO	CO	01/17/2006 to 06/07/2006	1753028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAKEE AV (NE CORNER)	E 70TH ST	CO	CO	01/17/2006 to 06/07/2006	1753029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 70TH ST (NE CORNER)	MAKEE AV	CO	CO	01/17/2006 to 06/07/2006	1753030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIRAMONTE BLVD (NW CORNER)	E 70TH ST	CO	CO	01/17/2006 to 06/07/2006	1753031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 70TH ST (NE CORNER)	MIRAMONTE BLVD	CO	CO	01/17/2006 to 06/07/2006	1753032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIRAMONTE BLVD (NE CORNER)	E 70TH ST	CO	CO	01/17/2006 to 06/07/2006	1753033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONVERSE AV (NW CORNER)	E 70TH ST	CO	CO	01/17/2006 to 06/07/2006	1753034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONVERSE AV (NE CORNER)	E 70TH ST	CO	CO	01/17/2006 to 06/07/2006	1753035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IRVING AV (W CORNER)	PHYLLIS ST	CO	CO	01/17/2006 to 06/07/2006	1795002	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JAYMA LN (S CORNER)	PHYLLIS ST	CO	CO	01/17/2006 to 06/07/2006	1795003	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHIELDS ST (W CORNER)	BIRGGS AVE	CO	CO	01/17/2006 to 06/07/2006	1795004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TERRACE DR (W CORNER)	DOROTHY ST	CO	CO	01/17/2006 to 06/07/2006	1795005	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BARTON LN (W CORNER)	OCEAN VIEW BLVD	CO	CO	01/17/2006 to 06/07/2006	1796066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTROSE AVE (SW CORNER)	OCEAN VIEW BLVD	CO	CO	01/17/2006 to 06/07/2006	1796087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTROSE AVE (NW CORNER)	OCEAN VIEW BLVD	CO	CO	01/17/2006 to 06/07/2006	1796088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYFIELD AVE (S CORNER)	GLENADA AVE	CO	CO	01/17/2006 to 06/07/2006	1796089	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRESCENT AVE (S CORNER)	WALTONIA DR	CO	CO	01/17/2006 to 06/07/2006	1796098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OCEAN VIEW BLVD (NE CORNER)	LUANA LN	CO	CO	01/17/2006 to 06/07/2006	1796102	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYFIELD AVE (N CORNER)	BIRGGS AVE	CO	CO	01/17/2006 to 06/07/2006	1796159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OCEAN VIEW BLVD (S CORNER)	MIRA VISTA AV	CO	CO	01/17/2006 to 06/07/2006	1797066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTROSE AV (NW CORNER)	OCEAN VIEW BLVD	CO	CO	01/17/2006 to 06/07/2006	1797068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTROSE AV (SW CORNER)	OCEAN VIEW BLVD	CO	CO	01/17/2006 to 06/07/2006	1797069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIRA VISTA AV (NW CORNER)	OCEAN VIEW BLVD	CO	CO	01/17/2006 to 06/07/2006	1797070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCIA AV (NW CORNER)	OCEAN VIEW BLVD	CO	CO	01/17/2006 to 06/07/2006	1797073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET AV (E CORNER)	PIEDMONT AV	CO	CO	01/17/2006 to 06/07/2006	1797080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCIA AV (W CORNER)	ORANGEDALE AV	CO	CO	01/17/2006 to 06/07/2006	1797081	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCIA AV (W CORNER)	ORANGEDALE AV	CO	CO	01/17/2006 to 06/07/2006	1797083	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET AV (NE CORNER)	HERMOSA AV	CO	CO	01/17/2006 to 06/07/2006	1797084	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET AV (NW CORNER)	HERMOSA AV	CO	CO	01/17/2006 to 06/07/2006	1797085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERMOSA AV (SW CORNER)	SUNSET AV	CO	CO	01/17/2006 to 06/07/2006	1797086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCE AV (SW CORNER)	ROSEBERRY AV	CO	CO	01/17/2006 to 06/07/2006	1808149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCE AV (SE CORNER)	ROSEBERRY AV	CO	CO	01/17/2006 to 06/07/2006	1808150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCE AV (S CORNER)	SANTA FE AV	CO	CO	01/17/2006 to 06/07/2006	1808158	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCE AV (SW CORNER)	PACIFIC BLVD	CO	CO	01/17/2006 to 06/07/2006	1808162	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCE AV (S CORNER)	PACIFIC BLVD	CO	CO	01/17/2006 to 06/07/2006	1808170	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCE AV (SW CORNER)	SEVILLE AV	CO	CO	01/17/2006 to 06/07/2006	1808172	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEVILLE AV (NW CORNER)	WALNUT ST	CO	CO	01/17/2006 to 06/07/2006	1808180	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT ST (SW CORNER)	SEVILLE AV	CO	CO	01/17/2006 to 06/07/2006	1808181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW AV (NW CORNER)	CALIFORNIA ST	CO	CO	01/17/2006 to 06/07/2006	1808182	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA ST (SW CORNER)	MOUNTAIN VIEW AV	CO	CO	01/17/2006 to 06/07/2006	1808183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW AV (NW CORNER)	LIVE OAK ST	CO	CO	01/17/2006 to 06/07/2006	1808184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIVE OAK ST (NW CORNER)	MOUNTAIN VIEW AV	CO	CO	01/17/2006 to 06/07/2006	1808185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LIVE OAK ST (SW CORNER)	MOUNTAIN VIEW AV	CO	CO	01/17/2006 to 06/07/2006	1808186	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERANO WY (NW CORNER)	WALNUT TER	CO	CO	01/17/2006 to 06/07/2006	1808188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW AV (NW CORNER)	FLOWER ST	CO	CO	01/17/2006 to 06/07/2006	1808189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW AV (NE CORNER)	FLOWER ST	CO	CO	01/17/2006 to 06/07/2006	1808190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLOWER ST (NW CORNER)	MOUNTAIN VIEW AV	CO	CO	01/17/2006 to 06/07/2006	1808191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLOWER ST (SW CORNER)	MOUNTAIN VIEW AV	CO	CO	01/17/2006 to 06/07/2006	1808192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW AV (NW CORNER)	HOPE ST	CO	CO	01/17/2006 to 06/07/2006	1808193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris





ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	N WINDSOR AVE (NE CORNER)	N WEIMAR AVE	CO	CO	01/17/2006 to 06/07/2006	1853020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N WINDSOR AVE (SE CORNER)	N WEIMAR AVE	CO	CO	01/17/2006 to 06/07/2006	1853021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N WINDSOR AVE (SW CORNER)	N WEIMAR AVE	CO	CO	01/17/2006 to 06/07/2006	1853022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AVE (SE CORNER)	GAGE AVE	CO	CO	01/17/2006 to 06/07/2006	1860062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTERN AVE (NE CORNER)	CESAR CHAVEZ AVE	CO	CO	01/17/2006 to 06/07/2006	1860071	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTERN AVE (E CORNER)	CESAR CHAVEZ AVE	CO	CO	01/17/2006 to 06/07/2006	1860073	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEVADA AV (N CORNER)	MICHIGAN AV	CO	CO	01/17/2006 to 06/07/2006	1860095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROWAN AV (NE CORNER)	HAMMEL ST	CO	CO	01/17/2006 to 06/07/2006	1860113	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMMEL ST (NE CORNER)	ROWAN AVE	CO	CO	01/17/2006 to 06/07/2006	1860114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROWAN AV (SE CORNER)	HAMMEL ST	CO	CO	01/17/2006 to 06/07/2006	1860115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (SE CORNER)	INDIANA ST	CO	CO	01/17/2006 to 06/07/2006	1860120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDIANA ST (SE CORNER)	CESAR CHAVEZ AV	CO	CO	01/17/2006 to 06/07/2006	1860121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMA AV (NE CORNER)	CESAR CHAVEZ AV	CO	CO	01/17/2006 to 06/07/2006	1860125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (SE CORNER)	ALMA AV	CO	CO	01/17/2006 to 06/07/2006	1860126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (NE CORNER)	HICKS AV	CO	CO	01/17/2006 to 06/07/2006	1860131	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (SE CORNER)	HICKS AV	CO	CO	01/17/2006 to 06/07/2006	1860132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DITMAN AV (NE CORNER)	CESAR CHAVEZ AV	CO	CO	01/17/2006 to 06/07/2006	1860135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (NE CORNER)	DITMAN AV	CO	CO	01/17/2006 to 06/07/2006	1860138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DITMAN AV (SE CORNER)	CESAR CHAVEZ AV	CO	CO	01/17/2006 to 06/07/2006	1860138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNSEND AV (NE CORNER)	CESAR CHAVEZ AV	CO	CO	01/17/2006 to 06/07/2006	1860142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (SE CORNER)	TOWNSEND AV	CO	CO	01/17/2006 to 06/07/2006	1860143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (NE CORNER)	ROWAN AV	CO	CO	01/17/2006 to 06/07/2006	1860146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR E CHAVEZ AV (SE CORNER)	ROWAN AV	CO	CO	01/17/2006 to 06/07/2006	1860149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (SE CORNER)	EASTMAN AV	CO	CO	01/17/2006 to 06/07/2006	1860152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTMAN AV (SE CORNER)	CESAR CHAVEZ AV	CO	CO	01/17/2006 to 06/07/2006	1860153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDIANA ST (E CORNER)	E 1ST ST	CO	CO	01/17/2006 to 06/07/2006	1860159	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	2ND ST (N CORNER)	BEACH PL	CO	CO	01/17/2006 to 06/07/2006	1860232	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	2ND ST (S CORNER)	BEACH PL	CO	CO	01/17/2006 to 06/07/2006	1860233	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (N CORNER)	EL MOLINO AVE	CO	CO	01/17/2006 to 06/07/2006	1907110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (SE CORNER)	N GLENROSE AVE	CO	CO	01/17/2006 to 06/07/2006	1907144	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GIGUEROA DR (NE CORNER)	N GLENROSE AVE	CO	CO	01/17/2006 to 06/07/2006	1907145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASITAS AVE (NW CORNER)	W MONTANA ST	CO	CO	01/17/2006 to 06/07/2006	1907212	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HILL AVE (NW CORNER)	MORADA PL	CO	CO	01/17/2006 to 06/07/2006	1961041	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MARIPOSA ST (SE CORNER)	LAKE AVE	CO	CO	01/17/2006 to 06/07/2006	1961070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARCHETA ST (SE CORNER)	LAKE AVE	CO	CO	01/17/2006 to 06/07/2006	1961073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDOCINO ST (SW CORNER)	LAKE AVE	CO	CO	01/17/2006 to 06/07/2006	1961080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (NW CORNER)	CRAWFORD AVE	CO	CO	01/17/2006 to 06/07/2006	1961109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (NE1 CORNER)	CRAWFORD AV	CO	CO	01/17/2006 to 06/07/2006	1961112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BOSTON ST (NE CORNER)	LAKE AVE	CO	CO	01/17/2006 to 06/07/2006	1961116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (SW CORNER)	N SIERRA BONITA AVE	CO	CO	01/17/2006 to 06/07/2006	1961121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL AVE (W CORNER)	NEW YORK DR	CO	CO	01/17/2006 to 06/07/2006	1961123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL AVE (E CORNER)	NEW YORK DR	CO	CO	01/17/2006 to 06/07/2006	1961124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (S CORNER)	HILL AVE	CO	CO	01/17/2006 to 06/07/2006	1961128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (NW CORNER)	N HILL AVE	CO	CO	01/17/2006 to 06/07/2006	1961129	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARDING AVE (NW CORNER)	NEW YORK DR	CO	CO	01/17/2006 to 06/07/2006	1961203	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (SW CORNER)	N ROOSEVELT AVE	CO	CO	01/17/2006 to 06/07/2006	1961207	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRAIG AVE (NE CORNER)	NEW YORK DR	CO	CO	01/17/2006 to 06/07/2006	1961210	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEPPER DR (NE CORNER)	NEW YORK DR	CO	CO	01/17/2006 to 06/07/2006	1961214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAVES AVE (S CORNER)	NEW AVE	CO	CO	01/17/2006 to 06/07/2006	1967203	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAVES AVE (S CORNER)	NEW AVE	CO	CO	01/17/2006 to 06/07/2006	1967204	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOONEY DR (N CORNER)	KAYS AVE	CO	CO	01/17/2006 to 06/07/2006	1967207	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAVES AVE (S CORNER)	CATHRYN DR	CO	CO	01/17/2006 to 06/07/2006	1967211	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	YOUNG AV (NW CORNER)	MARSH AV	CO	CO	01/17/2006 to 06/07/2006	1967215	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARSH AVE (S CORNER)	BAILEY AVE	CO	CO	01/17/2006 to 06/07/2006	1967216	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOONEY DR (N CORNER)	BAILEY AVE	CO	CO	01/17/2006 to 06/07/2006	1967217	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOONEY DR (SW CORNER)	BAILEY AV	CO	CO	01/17/2006 to 06/07/2006	1967218	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BAILEY AV (NE CORNER)	TERESA AV	CO	CO	01/17/2006 to 06/07/2006	1967219	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOONEY DR (N CORNER)	CATHRYN DR	CO	CO	01/17/2006 to 06/07/2006	1967220	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOONEY DR (S CORNER)	CATHRYN DR	CO	CO	01/17/2006 to 06/07/2006	1967221	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOLL DR (SW CORNER)	BAILEY AV	CO	CO	01/17/2006 to 06/07/2006	1967222	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOLL DR (N CORNER)	BAILEY AVE	CO	CO	01/17/2006 to 06/07/2006	1967223	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REDDING AVE (S CORNER)	TOLL DR	CO	CO	01/17/2006 to 06/07/2006	1967224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REDDING AVE (N CORNER)	TOLL DR	CO	CO	01/17/2006 to 06/07/2006	1967225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOLL DR (N CORNER)	BAILEY AVE	CO	CO	01/17/2006 to 06/07/2006	1967226	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOLL DR (S CORNER)	BAILEY AVE	CO	CO	01/17/2006 to 06/07/2006	1967227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALIFORNIA BLVD (NE CORNER)	CHAPMAN WOOD RD	CO	CO	01/17/2006 to 06/07/2006	2016311	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA MERCED RD (N CORNER)	KELBURN AVE	CO	CO	01/17/2006 to 06/07/2006	2020174	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA MERCED RD (N CORNER)	FALLING LEAF AVE	CO	CO	01/17/2006 to 06/07/2006	2020175	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FALLING LEAF AVE (W CORNER)	LA MERCED RD	CO	CO	01/17/2006 to 06/07/2006	2020176	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARLAND AVE (N CORNER)	LAKE KNOLL DR	CO	CO	01/17/2006 to 06/07/2006	2020178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	POTRERO GRANDE DR (SW CORNER)	SAN GABRIEL BLVD	CO	CO	01/17/2006 to 06/07/2006	2020184	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR (S CORNER)	SAN GABRIEL BLVD	CO	CO	01/17/2006 to 06/07/2006	2020185	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE KNOLL DR (NW CORNER)	SAN GABRIEL BLVD	CO	CO	01/17/2006 to 06/07/2006	2020186	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA BONITA AVE (N CORNER)	SAN GABRIEL BLVD	CO	CO	01/17/2006 to 06/07/2006	2020187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (W CORNER)	SIERRA BONITA AVE	CO	CO	01/17/2006 to 06/07/2006	2020189	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAVES AVE (S CORNER)	DEL MAR AVE	CO	CO	01/17/2006 to 06/07/2006	2020192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA MERCED RD (NE CORNER)	DEL MAR AVE	CO	CO	01/17/2006 to 06/07/2006	2020194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL MAR AVE (W CORNER)	LA MERCED RD	CO	CO	01/17/2006 to 06/07/2006	2020195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL MAR AVE (E CORNER)	BELLROSE AVE	CO	CO	01/17/2006 to 06/07/2006	2020196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELLROSE AVE (E CORNER)	DEL MAR AVE	CO	CO	01/17/2006 to 06/07/2006	2020197	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AGNOLA DR (SW CORNER)	LA MERCED RD	CO	CO	01/17/2006 to 06/07/2006	2020204	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR (W CORNER)	NANNESTAD ST	CO	CO	01/17/2006 to 06/07/2006	2020206	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR (SE CORNER)	NANNESTAD ST	CO	CO	01/17/2006 to 06/07/2006	2020208	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARAMAC AVE (SW CORNER)	HILL DR	CO	CO	01/17/2006 to 06/07/2006	2020209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL DR (S CORNER)	ARAMAC AVE	CO	CO	01/17/2006 to 06/07/2006	2020210	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL DR (N CORNER)	OWEN CT	CO	CO	01/17/2006 to 06/07/2006	2020211	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL DR (N CORNER)	OWEN CT	CO	CO	01/17/2006 to 06/07/2006	2020212	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR (W CORNER)	MOONEY DR	CO	CO	01/17/2006 to 06/07/2006	2020216	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALPACA ST (N CORNER)	CENTURION AVE	CO	CO	01/17/2006 to 06/07/2006	2020217	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALPACA ST (S CORNER)	CENTURION AVE	CO	CO	01/17/2006 to 06/07/2006	2020218	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (E CORNER)	LEA CT	CO	CO	01/17/2006 to 06/07/2006	2020222	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRAIN DR (N CORNER)	SAN GABRIEL BLVD	CO	CO	01/17/2006 to 06/07/2006	2020223	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (W CORNER)	YARROW ST	CO	CO	01/17/2006 to 06/07/2006	2020224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (W CORNER)	YARROW ST	CO	CO	01/17/2006 to 06/07/2006	2020225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (W CORNER)	YARROW ST	CO	CO	01/17/2006 to 06/07/2006	2020226	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BLEWETT ST (S CORNER)	SAN GABRIEL BLVD	CO	CO	01/17/2006 to 06/07/2006	2020227	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BLEWETT ST (N CORNER)	SAN GABRIEL BLVD	CO	CO	01/17/2006 to 06/07/2006	2020228	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DELTA ST (W CORNER)	SIERRA BONITA AVE	CO	CO	01/17/2006 to 06/07/2006	2020229	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA BONITA AVE (N CORNER)	DELTA ST	CO	CO	01/17/2006 to 06/07/2006	2020230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA BONITA AVE (S CORNER)	DELTA ST	CO	CO	01/17/2006 to 06/07/2006	2020231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DELTA ST (W CORNER)	SIERRA BONITA AVE	CO	CO	01/17/2006 to 06/07/2006	2020232	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELSMORE DR (N CORNER)	DELTA ST	CO	CO	01/17/2006 to 06/07/2006	2020233	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELSMORE DR (N CORNER)	DELTA ST	CO	CO	01/17/2006 to 06/07/2006	2020234	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELSMORE DR (S CORNER)	DELTA ST	CO	CO	01/17/2006 to 06/07/2006	2020235	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELSMORE DR (S CORNER)	DELTA ST	CO	CO	01/17/2006 to 06/07/2006	2020236	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DELTA ST (E CORNER)	ELSMORE DR	CO	CO	01/17/2006 to 06/07/2006	2020238	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	YARROW ST (N CORNER)	DELTA ST	CO	CO	01/17/2006 to 06/07/2006	2020242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	YARROW ST (N CORNER)	DELTA ST	CO	CO	01/17/2006 to 06/07/2006	2020243	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	YARROW ST (S CORNER)	DELTA ST	CO	CO	01/17/2006 to 06/07/2006	2020244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OWEN CT (W CORNER)	HILL DR	CO	CO	01/17/2006 to 06/07/2006	2020278	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OWEN CT (E CORNER)	HILL DR	CO	CO	01/17/2006 to 06/07/2006	2020279	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL DR (N CORNER)	OWEN CT	CO	CO	01/17/2006 to 06/07/2006	2020280	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (E CORNER)	DARLINGTON ST	CO	CO	01/17/2006 to 06/07/2006	2021011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL DR (S CORNER)	KENNEYDALE AVE	CO	CO	01/17/2006 to 06/07/2006	2021033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL DR (N CORNER)	KENNEYDALE AVE	CO	CO	01/17/2006 to 06/07/2006	2021035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KENNEYDALE AVE (S CORNER)	HILL DR	CO	CO	01/17/2006 to 06/07/2006	2021036	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ORANGE ST (S CORNER)	POLLOCK ST	CO	CO	01/17/2006 to 06/07/2006	2021037	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ORANGE ST (N CORNER)	POLLOCK ST	CO	CO	01/17/2006 to 06/07/2006	2021038	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAWRENCE AVE (NE CORNER)	ARROYO DR	CO	CO	01/17/2006 to 06/07/2006	2021048	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAWRENCE AVE (NW CORNER)	ARROYO DR	CO	CO	01/17/2006 to 06/07/2006	2021049	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAND VIEW AVE (NE CORNER)	HILL DR	CO	CO	01/17/2006 to 06/07/2006	2021051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARAMOUNT BLVD (E CORNER)	ARROYO DR	CO	CO	01/17/2006 to 06/07/2006	2021052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARROYO DR (N CORNER)	POTRERO GRANDE DR	CO	CO	01/17/2006 to 06/07/2006	2021054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARROYO DR (NW CORNER)	CENTURION AV	CO	CO	01/17/2006 to 06/07/2006	2021059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTURION AVE (E CORNER)	ARROYO DR	CO	CO	01/17/2006 to 06/07/2006	2021061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARROYO DR (N CORNER)	CENTURION AV	CO	CO	01/17/2006 to 06/07/2006	2021062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARROYO DR (N CORNER)	ASTRA DR	CO	CO	01/17/2006 to 06/07/2006	2021064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MABEL AVE (W CORNER)	RUSH ST	CO	CO	01/17/2006 to 06/07/2006	2073112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUSH ST (S CORNER)	MABEL AVE	CO	CO	01/17/2006 to 06/07/2006	2073115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AVE (W CORNER)	DURFEE AVE	CO	CO	01/17/2006 to 06/07/2006	2074058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARMUJO ST (NE CORNER)	GRAYDON AV	CO	CO	01/17/2006 to 06/07/2006	2119241	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LYND AV (SE CORNER)	9TH AV	CO	CO	01/17/2006 to 06/07/2006	2121005	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LYNROSE ST (SW CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LYNROSE ST (NW CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DANESWOOD DR (NW CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DANESWOOD DR (SW CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DANBURY ST (NW CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DANBURY ST (SW CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DAINES DR (NW CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DAINES DR (SW CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	TYLER AV (NE CORNER)	DAINES DR	CO	CO	01/17/2006 to 06/07/2006	2121014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (NW CORNER)	DAINES DR	CO	CO	01/17/2006 to 06/07/2006	2121015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (NW CORNER)	DANBURY ST	CO	CO	01/17/2006 to 06/07/2006	2121016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (NE CORNER)	DANBURY ST	CO	CO	01/17/2006 to 06/07/2006	2121017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (NW CORNER)	DANESWOOD DR	CO	CO	01/17/2006 to 06/07/2006	2121018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILDFLOWER RD (SW CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILDFLOWER RD (SE CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (NW CORNER)	WILDFLOWER RD	CO	CO	01/17/2006 to 06/07/2006	2121021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AV (W CORNER)	KRISTI CT	CO	CO	01/17/2006 to 06/07/2006	2121024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AV (E CORNER)	DAINES DR	CO	CO	01/17/2006 to 06/07/2006	2121031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AV (E CORNER)	DAINES DR	CO	CO	01/17/2006 to 06/07/2006	2121032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AVE (E CORNER)	DAINES DR	CO	CO	01/17/2006 to 06/07/2006	2121033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AV (NE CORNER)	FREER ST	CO	CO	01/17/2006 to 06/07/2006	2121038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FREER ST (NE CORNER)	SANTA ANITA AV	CO	CO	01/17/2006 to 06/07/2006	2121039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AV (NW CORNER)	GRAND AV	CO	CO	01/17/2006 to 06/07/2006	2121045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AV (E CORNER)	GRAND AV	CO	CO	01/17/2006 to 06/07/2006	2121049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AV (E CORNER)	GRAND AV	CO	CO	01/17/2006 to 06/07/2006	2121050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARSHBURN AVE (SW CORNER)	ROCKFIELD DR	CO	CO	01/17/2006 to 06/07/2006	2121053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WEST HONDO PKWY (W CORNER)	TYLER AVE	CO	CO	01/17/2006 to 06/07/2006	2121054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (E CORNER)	WEST HONDO PWY	CO	CO	01/17/2006 to 06/07/2006	2121055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROCKFIELD DR (N CORNER)	ETHAN AVE	CO	CO	01/17/2006 to 06/07/2006	2121056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROCKFIELD DR (S CORNER)	ETHAN AVE	CO	CO	01/17/2006 to 06/07/2006	2121057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (SW CORNER)	ARROWOOD ST	CO	CO	01/17/2006 to 06/07/2006	2121058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILOANN ST (NE CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FREER ST (NW CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (NW CORNER)	FREER ST	CO	CO	01/17/2006 to 06/07/2006	2121062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILOANN ST (NE CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FREER ST (SE CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FREER ST (NE CORNER)	TYLER AV	CO	CO	01/17/2006 to 06/07/2006	2121065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (NE CORNER)	FREER ST	CO	CO	01/17/2006 to 06/07/2006	2121066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN AV (NW CORNER)	EL SUR ST	CO	CO	01/17/2006 to 06/07/2006	2167041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN AV (NW CORNER)	EL SUR ST	CO	CO	01/17/2006 to 06/07/2006	2167042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SUR ST (NW CORNER)	MOUNTAIN AV	CO	CO	01/17/2006 to 06/07/2006	2167043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN AV (NW CORNER)	MAYDEE ST	CO	CO	01/17/2006 to 06/07/2006	2167044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYDEE ST (NW CORNER)	MOUNTAIN AVE	CO	CO	01/17/2006 to 06/07/2006	2167045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALMELA RD (W CORNER)	S BRODERICK AV	CO	CO	01/17/2006 to 06/07/2006	2167051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AV (NW CORNER)	BENRUD ST	CO	CO	01/17/2006 to 06/07/2006	2167157	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRODERICK AV (NW CORNER)	VAN METER ST	CO	CO	01/17/2006 to 06/07/2006	2167158	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAMINO REAL (NE CORNER)	BRODERICK AV	CO	CO	01/17/2006 to 06/07/2006	2167159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN AV (NW CORNER)	CAMINO REAL	CO	CO	01/17/2006 to 06/07/2006	2167160	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN AV (NE CORNER)	CAMINO REAL	CO	CO	01/17/2006 to 06/07/2006	2167161	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CITRUS VIEW AV (S CORNER)	SHRODE ST	CO	CO	01/17/2006 to 06/07/2006	2167162	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHRODE AV (SE CORNER)	MOUNTAIN AVE	CO	CO	01/17/2006 to 06/07/2006	2167163	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN AVE (NW CORNER)	SHRODE AV	CO	CO	01/17/2006 to 06/07/2006	2167164	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TITAN CT (S CORNER)	HILL DR	CO	CO	01/17/2006 to 06/07/2006	2020214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOLL DR (NW CORNER)	BAILEY AVE	CO	CO	01/17/2006 to 06/07/2006	1967244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONG BEACH BLVD (SE CORNER)	BROADWAY	CO	CO	01/17/2006 to 06/07/2006	1808256	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW AVE (NW CORNER)	WALNUT ST	CO	CO	01/17/2006 to 06/07/2006	1808317	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT ST (SE CORNER)	MOUNTAIN VIEW AVE	CO	CO	01/17/2006 to 06/07/2006	1808320	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT ST (NW CORNER)	MOUNTAIN VIEW AVE	CO	CO	01/17/2006 to 06/07/2006	1808391	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT ST (SW CORNER)	MOUNTAIN VIEW AVE	CO	CO	01/17/2006 to 06/07/2006	1808392	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SACRAMENTO ST (NW CORNER)	LAKE AVE	CO	CO	01/17/2006 to 06/07/2006	1961103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR (SE CORNER)	MOONEY DR	CO	CO	01/17/2006 to 06/07/2006	2020215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AVE (NE CORNER)	WILDFLOWER RD	CO	CO	01/17/2006 to 06/07/2006	2121022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AVE (NE CORNER)	DAINES DR	CO	CO	01/17/2006 to 06/07/2006	2121166	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GAGE AVE (NE CORNER)	E CESAR E CHAVEZ AVE	CO	CO	01/17/2006 to 06/07/2006	1860313	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL MAR AVE (SE CORNER)	REDDING AVE	CO	CO	01/17/2006 to 06/07/2006	2020199	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 70TH ST (EN CORNER)	CONVERSE AVE	CO	CO	01/17/2006 to 06/07/2006	1753036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTURION AVE (NW CORNER)	ARROYO DR	CO	CO	01/17/2006 to 06/07/2006	2021060	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOLL DR (SOUTH)	BAILEY AVE	CO	CO	01/17/2006 to 06/07/2007	1967245	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN PEDRO ST (SW CORNER)	E 122ND ST	CO	CO	02/02/2015 to 06/01/2015	1701004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARKRIDGE RD (SW CORNER)	CLOUDCREST RD	CO	CO	02/02/2015 to 06/01/2015	1740020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HIGHRIDGE RD (SW CORNER)	RAMSDRELL AV	CO	CO	02/02/2015 to 06/01/2015	1740026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUDCREST RD (SW CORNER)	RAMSDRELL AV	CO	CO	02/02/2015 to 06/01/2015	1740027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAWKRIDGE RD (NE CORNER)	PINECONE RD	CO	CO	02/02/2015 to 06/01/2015	1740033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CRESCENTA AV (NW CORNER)	FOOTHILL BLVD	CO	CO	02/02/2015 to 06/01/2015	1741036	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMMUNITY AV (NE CORNER)	LA CRESCENTA AV	CO	CO	02/02/2015 to 06/01/2015	1741054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMONT AV (NE CORNER)	FAIRWAY AV	CO	CO	02/02/2015 to 06/01/2015	1741248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMONT AV (SW CORNER)	FAIRWAY AV	CO	CO	02/02/2015 to 06/01/2015	1741249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUD AV (SW CORNER)	COMMUNITY AV	CO	CO	02/02/2015 to 06/01/2015	1741277	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E GAGE AV ( NE CORNER )	SOUTH AV	CO	CO	02/02/2015 to 06/01/2015	1753064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 92ND ST ( NW CORNER )	BEACH ST	CO	CO	02/02/2015 to 06/01/2015	1754227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S FIR AV ( NW CORNER )	E 92ND ST	CO	CO	02/02/2015 to 06/01/2015	1754242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FIRESTONE BLVD ( NW CORNER )	ZAMORA AV	CO	CO	02/02/2015 to 06/01/2015	1754316	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BANDERA AV ( S CORNER )	118TH	CO	CO	02/02/2015 to 06/01/2015	1755371	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 130TH ST ( NW CORNER )	S WILLOWBROOK AV	CO	CO	02/02/2015 to 06/01/2015	1811178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N DITMAN AV ( NE CORNER )	CITY TERRACE DR	CO	CO	02/02/2015 to 06/01/2015	1859029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GAGE AVE ( W CORNER )	BLANCHARD ST	CO	CO	02/02/2015 to 06/01/2015	1859038	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER AV ( NE CORNER )	MEDFORD ST	CO	CO	02/02/2015 to 06/01/2015	1859106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HUMPHREYS AV ( NW CORNER )	FLORAL DR	CO	CO	02/02/2015 to 06/01/2015	1860029	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HUMPHREYS AV ( NE CORNER )	FLORAL DR	CO	CO	02/02/2015 to 06/01/2015	1860030	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR ( NE CORNER )	N HUMPHREYS AV	CO	CO	02/02/2015 to 06/01/2015	1860033	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FISHER ST ( SW CORNER )	N HUMPHREYS AV	CO	CO	02/02/2015 to 06/01/2015	1860038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FISHER ST ( NW CORNER )	N HUMPHREYS AV	CO	CO	02/02/2015 to 06/01/2015	1860039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DOZIER ST ( SW CORNER )	N RECORD AV	CO	CO	02/02/2015 to 06/01/2015	1860053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GAGE AV ( NE CORNER )	E CESAR E CHAVEZ AV	CO	CO	02/02/2015 to 06/01/2015	1860061	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CESAR E CHAVEZ AV ( NE CORNER )	N EASTERN AV	CO	CO	02/02/2015 to 06/01/2015	1860072	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 4TH ST ( SW CORNER )	S FORD BLVD	CO	CO	02/02/2015 to 06/01/2015	1860246	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RECORD AV ( SE CORNER )	PRINCETON ST	CO	CO	02/02/2015 to 06/01/2015	1860263	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST ( NW CORNER )	DOWNEY RD	CO	CO	02/02/2015 to 06/01/2015	1860272	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ROWAN AV ( NW CORNER )	DOZIER ST	CO	CO	02/02/2015 to 06/01/2015	1860291	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S INDIANA ST ( NE CORNER )	VERONA ST	CO	CO	02/02/2015 to 06/01/2015	1861105	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SYDNEY DR ( NE CORNER )	WHITTIER BLVD	CO	CO	02/02/2015 to 06/01/2015	1861241	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAPELLO ST ( SW CORNER )	ALICIA AV	CO	CO	02/02/2015 to 06/01/2015	1906009	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WAPELLO ST ( NW CORNER )	ALICIA AV	CO	CO	02/02/2015 to 06/01/2015	1906010	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIR OAKS AV ( NW CORNER )	W LOMA ALTA DR	CO	CO	02/02/2015 to 06/01/2015	1906105	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LAS FLORES DR ( SW CORNER )	MARENGO AV	CO	CO	02/02/2015 to 06/01/2015	1906178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ATLANTIC BLVD ( NW CORNER )	E BEVERLY	CO	CO	02/02/2015 to 06/01/2015	1914151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S FERRIS AV ( NW CORNER )	TELEGRAPH RD	CO	CO	02/02/2015 to 06/01/2015	1915450	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S FERRIS AV ( NE CORNER )	TELEGRAPH RD	CO	CO	02/02/2015 to 06/01/2015	1915451	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTADENA DR ( NW CORNER )	HOMEWOOD DR	CO	CO	02/02/2015 to 06/01/2015	1960131	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MENDOCINO ST ( NW CORNER )	N ALLEN AV	CO	CO	02/02/2015 to 06/01/2015	1961029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MENDOCINO ST ( NE CORNER )	HIGHLAND AV	CO	CO	02/02/2015 to 06/01/2015	1961050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CRAIG AV ( NW CORNER )	SAN PASQUAL ST	CO	CO	02/02/2015 to 06/01/2015	1963251	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ROSEMEAD BLVD ( NW CORNER )	E DUARTE RD	CO	CO	02/02/2015 to 06/01/2015	2017261	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR ( E CORNER )	SUN LN	CO	CO	02/02/2015 to 06/01/2015	2020205	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR ( E CORNER )	SUN LN	CO	CO	02/02/2015 to 06/01/2015	2020207	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BLANCHARD ST ( WN CORNER )	N GAGE AVE	CO	CO	02/02/2015 to 06/01/2015	1859039	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VENTURA BL ( SE CORNER )	PARKWAY CALABASAS	CO	CO	02/29/2016 to 09/30/2016	1191196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLD SCANDIA LN. ( N CORNER )	VENTURA	CO	CO	02/29/2016 to 09/30/2016	1191208	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CRESCENTA AVE ( NE CORNER )	EL CAMINITO	CO	CO	02/29/2016 to 09/30/2016	1741087	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOS OLIVOS LN ( SE CORNER )	RAMSDELL AVE	CO	CO	02/29/2016 to 09/30/2016	1741108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ABELLA ST ( NE CORNER )	COMMUNITY AVE	CO	CO	02/29/2016 to 09/30/2016	1741129	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SLAUSON AVE ( NE CORNER )	HOOPER AVE	CO	CO	02/29/2016 to 09/30/2016	1752069	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AVE ( NE CORNER )	E FLORENCE AVE	CO	CO	02/29/2016 to 09/30/2016	1753111	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AVE. ( NW CORNER )	E 65TH ST.	CO	CO	02/29/2016 to 09/30/2016	1753471	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AVE. ( NE CORNER )	E 70TH ST.	CO	CO	02/29/2016 to 09/30/2016	1753475	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AVE. ( NW CORNER )	E 70TH ST.	CO	CO	02/29/2016 to 09/30/2016	1753476	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AVE. ( NW CORNER )	E 69TH ST.	CO	CO	02/29/2016 to 09/30/2016	1753479	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AVE. ( NE CORNER )	E 69TH ST.	CO	CO	02/29/2016 to 09/30/2016	1753481	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AVE. ( NE CORNER )	E GAGE AVE.	CO	CO	02/29/2016 to 09/30/2016	1753482	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AVE. ( NW CORNER )	E 67TH ST.	CO	CO	02/29/2016 to 09/30/2016	1753483	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AVE. ( NE CORNER )	E 67TH ST.	CO	CO	02/29/2016 to 09/30/2016	1753484	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AVE. ( NE CORNER )	E 65TH ST	CO	CO	02/29/2016 to 09/30/2016	1753485	NON-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AVE. ( NW CORNER )	E GAGE AVE.	CO	CO	02/29/2016 to 09/30/2016	1753486	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAHAM AVE. ( NE CORNER )	NADEAU ST.	CO	CO	02/29/2016 to 09/30/2016	1753487	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AVE ( NW CORNER )	E 85TH ST	CO	CO	02/29/2016 to 09/30/2016	1754063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 85TH ST ( NW CORNER )	CENTRAL AVE	CO	CO	02/29/2016 to 09/30/2016	1754064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 88TH ST ( NE CORNER )	MINTER ST	CO	CO	02/29/2016 to 09/30/2016	1754219	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E IMPERIAL HWY ( SE CORNER )	SUCCESS AVE	CO	CO	02/29/2016 to 09/30/2016	1755318	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELVA AVE ( SE CORNER )	E 127TH ST	CO	CO	02/29/2016 to 09/30/2016	1756006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANISTEE DR ( NE CORNER )	OCEAN VIEW BL	CO	CO	02/29/2016 to 09/30/2016	1795020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BL ( NE CORNER )	BRIGGS AVE	CO	CO	02/29/2016 to 09/30/2016	1796062	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BARTON LN ( SW CORNER )	YOUNG DR	CO	CO	02/29/2016 to 09/30/2016	1796100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LUANA LN ( NE CORNER )	OCEAN VIEW BL	CO	CO	02/29/2016 to 09/30/2016	1796103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BL ( NW CORNER )	BRIGGS AVE	CO	CO	02/29/2016 to 09/30/2016	1796168	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL ST ( SE CORNER )	S SANTA FE AVE	CO	CO	02/29/2016 to 09/30/2016	1808231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 83RD ST ( NW CORNER )	CROESUS AVE	CO	CO	02/29/2016 to 09/30/2016	1809411	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROESUS AVE ( NW CORNER )	E 83RD ST	CO	CO	02/29/2016 to 09/30/2016	1809413	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ORIS ST ( SE CORNER )	N MONA BL	CO	CO	02/29/2016 to 09/30/2016	1811215	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



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Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	MAGDELENA (SW CORNER)	SUSANA	CO	CO	02/29/2016 to 09/30/2016	1813150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAGDELENA (SE CORNER)	SUSANA	CO	CO	02/29/2016 to 09/30/2016	1813152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (NW CORNER)	W DEL AMO BL	CO	CO	02/29/2016 to 09/30/2016	1814100	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N DITMAN AVE (SW CORNER)	CITY TERRACE DR	CO	CO	02/29/2016 to 09/30/2016	1859028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SNOW DR (NW CORNER)	MILLER AVE	CO	CO	02/29/2016 to 09/30/2016	1859048	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VAN PELT AVE (SW2 CORNER)	RAMBOZ DR	CO	CO	02/29/2016 to 09/30/2016	1859054	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RECORD AVE (NE CORNER)	FOLSOM ST	CO	CO	02/29/2016 to 09/30/2016	1859066	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER AVE (NW CORNER)	WORTH ST	CO	CO	02/29/2016 to 09/30/2016	1859108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITESIDE ST (NE CORNER)	KNOWLES AVE	CO	CO	02/29/2016 to 09/30/2016	1859207	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (SW2 CORNER)	N BONNIE BEACH PL	CO	CO	02/29/2016 to 09/30/2016	1859210	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EASTERN AVE (NE CORNER)	N MARIANNA AVE	CO	CO	02/29/2016 to 09/30/2016	1859211	306	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMMEL ST (SW CORNER)	N BRANNICK AVE	CO	CO	02/29/2016 to 09/30/2016	1860049	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DOZIER ST (SW CORNER)	N BRANNICK AVE	CO	CO	02/29/2016 to 09/30/2016	1860060	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N INDIANA ST (NE CORNER)	CESAR E CHAVEZ AVE	CO	CO	02/29/2016 to 09/30/2016	1860119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 4TH ST (NW CORNER)	S DITMAN AVE	CO	CO	02/29/2016 to 09/30/2016	1860172	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LANFRANCO ST (NW CORNER)	S DITMAN AVE	CO	CO	02/29/2016 to 09/30/2016	1860192	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 2ND ST (SE CORNER)	S EASTERN AVE	CO	CO	02/29/2016 to 09/30/2016	1860236	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S HERBERT AVE (SE CORNER)	EAGLE ST	CO	CO	02/29/2016 to 09/30/2016	1860250	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HAZARD AVE (NE CORNER)	CESAR E CHAVEZ AVE	CO	CO	02/29/2016 to 09/30/2016	1860277	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOLSOM ST (NW CORNER)	N EASTERN AVE	CO	CO	02/29/2016 to 09/30/2016	1860297	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S AUGUSTA AVE (NE CORNER)	E OLYMPIC BL	CO	CO	02/29/2016 to 09/30/2016	1861035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S INDIANA ST (NE CORNER)	E OLYMPIC BL	CO	CO	02/29/2016 to 09/30/2016	1861122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERONA ST (SE CORNER)	S BRANNICK ST.	CO	CO	02/29/2016 to 09/30/2016	1861236	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W LOMA ALTA DR (SE CORNER)	CHANEY TR	CO	CO	02/29/2016 to 09/30/2016	1906003	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRESTFORD DR (SW CORNER)	W MARIPOSA ST	CO	CO	02/29/2016 to 09/30/2016	1906038	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENROSE AVE (NW CORNER)	W MARIPOSA ST	CO	CO	02/29/2016 to 09/30/2016	1906099	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALM ST (SW CORNER)	RAYMOND AV	CO	CO	02/29/2016 to 09/30/2016	1906127	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALM ST (NW CORNER)	RAYMOND AV	CO	CO	02/29/2016 to 09/30/2016	1906128	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N FAIR OAKS AVE (NE CORNER)	E WOODBURY RD	CO	CO	02/29/2016 to 09/30/2016	1907004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RAYMOND AVE (NE CORNER)	E WOODBURY RD	CO	CO	02/29/2016 to 09/30/2016	1907013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SACRAMENTO ST (NE CORNER)	N MARENGO AVE	CO	CO	02/29/2016 to 09/30/2016	1907027	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MENDOCINO ST (NE2 CORNER)	N SANTA ANITA AVE	CO	CO	02/29/2016 to 09/30/2016	1907076	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (NW CORNER)	N EL MOLINO AVE	CO	CO	02/29/2016 to 09/30/2016	1907096	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NW CORNER)	N LOS ROBLES	CO	CO	02/29/2016 to 09/30/2016	1907135	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASITAS AVE (SW CORNER)	W WOODBURY RD	CO	CO	02/29/2016 to 09/30/2016	1907215	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST (NW CORNER)	S WOODS AVE	CO	CO	02/29/2016 to 09/30/2016	1914143	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S HILLVIEW AVE (NW CORNER)	E BEVERLY BL	CO	CO	02/29/2016 to 09/30/2016	1914194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POMONA BL (NE CORNER)	S ATLANTIC BL	CO	CO	02/29/2016 to 09/30/2016	1914279	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DENNISON ST (SE CORNER)	HENDRICKS AVE	CO	CO	02/29/2016 to 09/30/2016	1915288	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SADLER AVE (NE CORNER)	WHITTIER BLVD	CO	CO	02/29/2016 to 09/30/2016	1915436	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NW CORNER)	S SADLER AVE	CO	CO	02/29/2016 to 09/30/2016	1915440	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NW CORNER)	WILLIAMSON AVE	CO	CO	02/29/2016 to 09/30/2016	1915441	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WINROCK AVE (SW CORNER)	E LOMA ALTA DR	CO	CO	02/29/2016 to 09/30/2016	1960094	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CRAIG AVE (NW CORNER)	GLEN CANYON RD	CO	CO	02/29/2016 to 09/30/2016	1961026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (NW CORNER)	CRAWFORD AVE	CO	CO	02/29/2016 to 09/30/2016	1961099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HILL AVE (NE CORNER)	NEW YORK DR	CO	CO	02/29/2016 to 09/30/2016	1961125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAVES AVE (NW CORNER)	STEVENS AVE	CO	CO	02/29/2016 to 09/30/2016	1967205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOONEY DR (SE CORNER)	S POMELO AVE	CO	CO	02/29/2016 to 09/30/2016	1967206	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAVES AVE (NE CORNER)	STEVENS AVE	CO	CO	02/29/2016 to 09/30/2016	1967210	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CATHRYN DR (SE CORNER)	GRAVES AVE	CO	CO	02/29/2016 to 09/30/2016	1967213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAVES AVE (SE CORNER)	CATHRYN PL	CO	CO	02/29/2016 to 09/30/2016	1967214	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TERESA AVE (SW CORNER)	BAILEY AVE	CO	CO	02/29/2016 to 09/30/2016	1967246	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TERESA AVE (NW CORNER)	BAILEY AVE	CO	CO	02/29/2016 to 09/30/2016	1967247	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TERESA AVE (NE CORNER)	KAYS AVE	CO	CO	02/29/2016 to 09/30/2016	1967248	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TERESA AVE (SE CORNER)	KAYS AVE	CO	CO	02/29/2016 to 09/30/2016	1967249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TERESA AVE (NE CORNER)	KAYS AVE	CO	CO	02/29/2016 to 09/30/2016	1967250	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN GABRIEL BL (NE CORNER)	GAINSBOROUGH DR	CO	CO	02/29/2016 to 09/30/2016	2016179	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN GABRIEL BL (SW CORNER)	GAINSBOROUGH DR	CO	CO	02/29/2016 to 09/30/2016	2016180	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN GABRIEL BL (SW CORNER)	GAINSBOROUGH DR	CO	CO	02/29/2016 to 09/30/2016	2016181	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (NW CORNER)	N LOTUS AVE	CO	CO	02/29/2016 to 09/30/2016	2016257	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KEY WEST ST (SE CORNER)	ACACIA ST	CO	CO	02/29/2016 to 09/30/2016	2018309	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CHARLOTTE AVE (NE CORNER)	E FRANDSEN ST	CO	CO	02/29/2016 to 09/30/2016	2018365	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR (NW CORNER)	SAN GABRIEL BLV	CO	CO	02/29/2016 to 09/30/2016	2020182	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTURION AVE (NE CORNER)	ALPACA ST	CO	CO	02/29/2016 to 09/30/2016	2020284	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR (NW CORNER)	ARROYO DR	CO	CO	02/29/2016 to 09/30/2016	2021095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARROYO DR (NW CORNER)	S BRADBURY DR	CO	CO	02/29/2016 to 09/30/2016	2021114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARBOLEDA ST (NW CORNER)	S MICHILLINDA AVE	CO	CO	02/29/2016 to 09/30/2016	2068386	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOHAWK ST (NW CORNER)	S MICHILLINDA AVE	CO	CO	02/29/2016 to 09/30/2016	2069197	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYDEE ST (NW CORNER)	S BRODERICK AVE	CO	CO	02/29/2016 to 09/30/2016	2167050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E JOELLA ST (NE CORNER)	REDELL AVE	CO	CO	02/29/2016 to 09/30/2016	2167097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	MOUNTAIN AVE (NE CORNER)	SHRODE AVE	CO	CO	02/29/2016 to 09/30/2016	2167165	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 103RD ST (NE CORNER)	S NORMANDIE AVE	CO	CO	02/29/2016 to 09/30/2016	1699242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 103RD ST (NW CORNER)	S VERMONT AVE	CO	CO	02/29/2016 to 09/30/2016	1699252	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 110TH ST (NW CORNER)	S NORMANDIE AVE	CO	CO	02/29/2016 to 09/30/2016	1700250	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STARFALL DR (NE CORNER)	PINECONE RD	CO	CO	02/29/2016 to 09/30/2016	1740056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUD AVE (NW CORNER)	HENRIETTA AVE	CO	CO	02/29/2016 to 09/30/2016	1740270	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 60TH ST (SE CORNER)	RANDOLPH ST	CO	CO	02/29/2016 to 09/30/2016	1752118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 88TH ST (NW CORNER)	HICKORY ST	CO	CO	02/29/2016 to 09/30/2016	1754314	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 121ST ST (SW CORNER)	AVALON BL	CO	CO	02/29/2016 to 09/30/2016	1755397	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (SW CORNER)	AVALON BL	CO	CO	02/29/2016 to 09/30/2016	1756165	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (NW CORNER)	AVALON BL	CO	CO	02/29/2016 to 09/30/2016	1756166	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BL (NW CORNER)	E 124TH ST	CO	CO	02/29/2016 to 09/30/2016	1756167	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AVE (SW CORNER)	135TH ST	CO	CO	02/29/2016 to 09/30/2016	1756190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIRA VISTA AVE (SW CORNER)	OCEAN VIEW BL	CO	CO	02/29/2016 to 09/30/2016	1797071	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BANDINI BL (SW CORNER)	S DOWNEY RD	CO	CO	02/29/2016 to 09/30/2016	1806171	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BANDINI BL (SW CORNER)	S DOWNEY RD	CO	CO	02/29/2016 to 09/30/2016	1806175	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEVILLE AVE (NE1 CORNER)	CUDAHY ST	CO	CO	02/29/2016 to 09/30/2016	1808263	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (NE CORNER)	WILLOWBROOK AVE	CO	CO	02/29/2016 to 09/30/2016	1811152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 126TH ST (NW CORNER)	S MONA BL	CO	CO	02/29/2016 to 09/30/2016	1811166	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BULLIS RD (NE CORNER)	E ELIZABETH ST	CO	CO	02/29/2016 to 09/30/2016	1812506	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (NE CORNER)	W DEL AMO BL	CO	CO	02/29/2016 to 09/30/2016	1814101	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KENT ST (SW CORNER)	N WINDSOR AVE	CO	CO	02/29/2016 to 09/30/2016	1852206	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RECORD AVE (NW CORNER)	FLORAL DR	CO	CO	02/29/2016 to 09/30/2016	1860016	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUNCAN AVE (NW CORNER)	E OLYMPIC BL	CO	CO	02/29/2016 to 09/30/2016	1861031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUNCAN AVE (NE CORNER)	E OLYMPIC BL	CO	CO	02/29/2016 to 09/30/2016	1861032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOKACRE ST (NE CORNER)	E ROSECRANS AVE	CO	CO	02/29/2016 to 09/30/2016	1866207	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WHITE AVE (NE CORNER)	E ALONDRA	CO	CO	02/29/2016 to 09/30/2016	1867243	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W PINE ST (NE CORNER)	GLENSROSE AVE	CO	CO	02/29/2016 to 09/30/2016	1906134	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (NW CORNER)	S MCDONNELL AVE	CO	CO	02/29/2016 to 09/30/2016	1914119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S KERN AVE (NW CORNER)	E 6TH ST	CO	CO	02/29/2016 to 09/30/2016	1914127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (NW CORNER)	KEENAN AVE	CO	CO	02/29/2016 to 09/30/2016	1915028	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (WS CORNER)	S GERHART AVE	CO	CO	02/29/2016 to 09/30/2016	1915437	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENVIEW TER (NW CORNER)	MIDLOTHIAN DR	CO	CO	02/29/2016 to 09/30/2016	1961019	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AVE (NW CORNER)	E CALAVERAS ST	CO	CO	02/29/2016 to 09/30/2016	1961083	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (NW CORNER)	N LAKE AVE	CO	CO	02/29/2016 to 09/30/2016	1961259	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CATHRYN DR (NW CORNER)	CATHRYN PL	CO	CO	02/29/2016 to 09/30/2016	1967212	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALTADENA DR (NW CORNER)	VERANADA AVE	CO	CO	02/29/2016 to 09/30/2016	2014014	301		LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINCLAIR DR (NE CORNER)	CRYSTAL LN	CO	CO	02/29/2016 to 09/30/2016	2014091	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WASHINGTON BL (SE CORNER)	HARDING AVE	CO	CO	02/29/2016 to 09/30/2016	2014099	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WASHINGTON BL (SW CORNER)	N ALTADENA DR	CO	CO	02/29/2016 to 09/30/2016	2014105	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN GABRIEL BL (SW CORNER)	GAINSBOROUGH DR	CO	CO	02/29/2016 to 09/30/2016	2016182	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (SW CORNER)	LA PRESA AVE	CO	CO	02/29/2016 to 09/30/2016	2016232	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (SW CORNER)	N LOTUS AVE	CO	CO	02/29/2016 to 09/30/2016	2016258	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DUARTE RD (NW CORNER)	ENCINITA AVE	CO	CO	02/29/2016 to 09/30/2016	2017271	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR (NW CORNER)	SAN GABRIEL BLV	CO	CO	02/29/2016 to 09/30/2016	2020181	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYCAMORE LN (SE CORNER)	JACARANDA CIR	CO	CO	02/29/2016 to 09/30/2016	2120001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORIE LN (WN CORNER)	VALLEY CIRCLE BLVD	CO	CO	02/29/2016 to 09/30/2016	1189047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PKWY CALABASAS (NW CORNER)	VENTURA	CO	CO	02/29/2016 to 09/30/2016	1191212	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOW DR (NW CORNER)	WOOD DR	CO	CO	02/29/2016 to 09/30/2016	1231206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	102ND ST (SW CORNER)	VERMONT AVE	CO	CO	02/29/2016 to 09/30/2016	1699240	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 91ST ST (SOUTH)	S BUDLONG AVE	CO	CO	02/29/2016 to 09/30/2016	1699374	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	104TH ST (SE CORNER)	NORMANDIE AVE	CO	CO	02/29/2016 to 09/30/2016	1700106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 106TH ST (ES CORNER)	S NORMANDIE AVE	CO	CO	02/29/2016 to 09/30/2016	1700112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 106TH ST (EN CORNER)	S NORMANDIE AVE	CO	CO	02/29/2016 to 09/30/2016	1700113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 109TH ST (WS CORNER)	S BUDLONG AVE	CO	CO	02/29/2016 to 09/30/2016	1700264	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 109TH ST (WN CORNER)	S BUDLONG AVE	CO	CO	02/29/2016 to 09/30/2016	1700266	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 107TH ST (WN CORNER)	S BUDLONG AVE	CO	CO	02/29/2016 to 09/30/2016	1700268	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROSPECT AVE (NORTH)	CLOUD AVE	CO	CO	02/29/2016 to 09/30/2016	1741027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRANKLIN ST (ES CORNER)	LA CRESCENTA AVE	CO	CO	02/29/2016 to 09/30/2016	1741281	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BLVD (EN CORNER)	RAMSDALE AVE	CO	CO	02/29/2016 to 09/30/2016	1741283	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTURA AVE (EN CORNER)	CLOUD AVE	CO	CO	02/29/2016 to 09/30/2016	1741284	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AVE (NE CORNER)	FOOTHILL BLVD	CO	CO	02/29/2016 to 09/30/2016	1741285	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAKEE AVE (NW CORNER)	E 62ND ST	CO	CO	02/29/2016 to 09/30/2016	1752149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAKEE AVE (NE CORNER)	E 62ND ST	CO	CO	02/29/2016 to 09/30/2016	1752154	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AVE (WEST)	E 60TH ST	CO	CO	02/29/2016 to 09/30/2016	1752159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLEY N/O E 78TH ST (EN CORNER)	CROCKETT BLVD	CO	CO	02/29/2016 to 09/30/2016	1753447	304	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (EN CORNER)	LOU DILLON AVE	CO	CO	02/29/2016 to 09/30/2016	1753474	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (EN CORNER)	CROCKETT BLVD	CO	CO	02/29/2016 to 09/30/2016	1753478	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEACH ST (EN CORNER)	FIRESTONE BLVD	CO	CO	02/29/2016 to 09/30/2016	1754037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALVARO AVE (SE CORNER)	E 121ST ST	CO	CO	02/29/2016 to 09/30/2016	1755390	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	ALVARO AVE (SW CORNER)	E 121ST ST	CO	CO	02/29/2016 to 09/30/2016	1755395	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (ES CORNER)	MCKINLEY AVE	CO	CO	02/29/2016 to 09/30/2016	1756126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEBERRY AVE (SW CORNER)	E FLORENCE AVE	CO	CO	02/29/2016 to 09/30/2016	1808187	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (WN CORNER)	N ALAMEDA ST	CO	CO	02/29/2016 to 09/30/2016	1811404	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (MEDIAN)	S WILLOWBROOK AVE	CO	CO	02/29/2016 to 09/30/2016	1811409	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (MEDIAN)	S WILLOWBROOK AVE	CO	CO	02/29/2016 to 09/30/2016	1811413	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (SW CORNER)	E HARCOURT ST	CO	CO	02/29/2016 to 09/30/2016	1813083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARRIS AVE (WEST)	STRINGER AVE	CO	CO	02/29/2016 to 09/30/2016	1859213	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HERBERT AVE (SE CORNER)	MEISNER ST	CO	CO	02/29/2016 to 09/30/2016	1859215	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HERBERT AVE (SW CORNER)	MEISNER ST	CO	CO	02/29/2016 to 09/30/2016	1859216	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HERBERT CIR (WN CORNER)	N HERBERT AVE	CO	CO	02/29/2016 to 09/30/2016	1859217	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HERBERT CIR (EAST)	N HERBERT AVE	CO	CO	02/29/2016 to 09/30/2016	1859218	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOWLER ST (SW CORNER)	MEDFORD ST	CO	CO	02/29/2016 to 09/30/2016	1859219	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BOSTWICK ST (ES CORNER)	COATES AVE	CO	CO	02/29/2016 to 09/30/2016	1859220	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARRIS AVE (ES CORNER)	N GAGE AVE	CO	CO	02/29/2016 to 09/30/2016	1859226	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HERBERT AVE (NE CORNER)	HARRIS AVE	CO	CO	02/29/2016 to 09/30/2016	1859227	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SUNOL DR (SE CORNER)	MICHIGAN AVE	CO	CO	02/29/2016 to 09/30/2016	1860091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEVADA AVE	MICHIGAN AVE	CO	CO	02/29/2016 to 09/30/2016	1860096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	1ST ST (NE CORNER)	E OF EASTERN AVE	CO	CO	02/29/2016 to 09/30/2016	1860107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST (SOUTH)	S GAGE AVE	CO	CO	02/29/2016 to 09/30/2016	1860298	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST (SOUTH)	S DOWNEY RD	CO	CO	02/29/2016 to 09/30/2016	1860299	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ALMA AVE (SW CORNER)	E 1ST ST	CO	CO	02/29/2016 to 09/30/2016	1860300	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BURGER AVE (NW2 CORNER)	WHITTIER BLVD	CO	CO	02/29/2016 to 09/30/2016	1860301	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOLSOM ST (WN CORNER)	N MARIANNA AVE	CO	CO	02/29/2016 to 09/30/2016	1860303	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ALMA AVE (SE CORNER)	E 1ST ST	CO	CO	02/29/2016 to 09/30/2016	1860310	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST (WN CORNER)	S HICKS AVE	CO	CO	02/29/2016 to 09/30/2016	1860311	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR E CHAVEZ AVE (ES CORNER)	N EASTERN AVE	CO	CO	02/29/2016 to 09/30/2016	1860316	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EASTERN AVE (SW CORNER)	CESAR E CHAVEZ AVE	CO	CO	02/29/2016 to 09/30/2016	1860317	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NW CORNER)	BONNIE BEACH PL	CO	CO	02/29/2016 to 09/30/2016	1861007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (WS CORNER)	S EASTERN AVE	CO	CO	02/29/2016 to 09/30/2016	1861284	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BLVD (WS CORNER)	S DUNCAN AVE	CO	CO	02/29/2016 to 09/30/2016	1861286	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD (EN CORNER)	S EASTERN AVE	CO	CO	02/29/2016 to 09/30/2016	1861287	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINES ST (SOUTH)	S FORD BLVD	CO	CO	02/29/2016 to 09/30/2016	1861288	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DUNCAN AVE (NW CORNER)	WHITTIER BLVD	CO	CO	02/29/2016 to 09/30/2016	1861292	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DUNCAN AVE (NE CORNER)	WHITTIER BLVD	CO	CO	02/29/2016 to 09/30/2016	1861293	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S HARRIS AVE (NW CORNER)	E COMPTON BLVD	CO	CO	02/29/2016 to 09/30/2016	1867205	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLD TOLL RD (NE CORNER)	MILLARD CANYON RD	CO	CO	02/29/2016 to 09/30/2016	1905008	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLD TOLL RD (NW CORNER)	MILLARD CANYON RD	CO	CO	02/29/2016 to 09/30/2016	1905009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (ES2 CORNER)	CATHERINE RD	CO	CO	02/29/2016 to 09/30/2016	1907095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CIVIC CENTER WY (ES CORNER)	S MEDNIK AVE	CO	CO	02/29/2016 to 09/30/2016	1914293	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AVE (WEST)	EAGLE ST	CO	CO	02/29/2016 to 09/30/2016	1914304	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E NORTHSIDE DR (WN CORNER)	S HENDRICKS AVE	CO	CO	02/29/2016 to 09/30/2016	1915056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EASTON ST (EN CORNER)	E DENNISON ST	CO	CO	02/29/2016 to 09/30/2016	1915287	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FAIRFIELD ST (EN CORNER)	E GLOUCESTER ST	CO	CO	02/29/2016 to 09/30/2016	1915339	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BLVD (WN CORNER)	S HENDRICKS AVE	CO	CO	02/29/2016 to 09/30/2016	1915341	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SOUTHSIDE DR (WN CORNER)	S HENDRICKS AVE	CO	CO	02/29/2016 to 09/30/2016	1915342	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (EN CORNER)	GOODRICH BLVD	CO	CO	02/29/2016 to 09/30/2016	1915439	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (EN CORNER)	AMALIA AVE	CO	CO	02/29/2016 to 09/30/2016	1915442	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (WN CORNER)	OAKFORD DR	CO	CO	02/29/2016 to 09/30/2016	1915443	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (WN CORNER)	AMALIA AVE	CO	CO	02/29/2016 to 09/30/2016	1915445	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SOUTHSIDE DR (ES CORNER)	S COOLIDGE WY	CO	CO	02/29/2016 to 09/30/2016	1915449	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEVONWOOD RD (ES CORNER)	CANON BLVD	CO	CO	02/29/2016 to 09/30/2016	1960151	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (EN CORNER)	MAIDEN LN	CO	CO	02/29/2016 to 09/30/2016	1960153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TANOBLE DR (NE CORNER)	E ALTADENA DR	CO	CO	02/29/2016 to 09/30/2016	1960155	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALLEN AVE (WEST)	PINECREST DR	CO	CO	02/29/2016 to 09/30/2016	1960156	306	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (WEST)	E CALAVERAS ST	CO	CO	02/29/2016 to 09/30/2016	1961283	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (WEST)	MARCHETA ST	CO	CO	02/29/2016 to 09/30/2016	1961284	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAVES AVE (ES CORNER)	STEVENS AVE	CO	CO	02/29/2016 to 09/30/2016	1967256	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E HEREFORD DR (ES CORNER)	S GARFIELD AVE	CO	CO	02/29/2016 to 09/30/2016	1969515	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WASHINGTON BLVD (ES CORNER)	DEL REY AVE	CO	CO	02/29/2016 to 09/30/2016	2014102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WASHINGTON BLVD (WS CORNER)	DEL REY AVE	CO	CO	02/29/2016 to 09/30/2016	2014103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (WEST)	MARCHETA ST	CO	CO	02/29/2016 to 09/30/2016	2014111	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SIERRA MADRE BLVD (NORTH)	NEW YORK DR	CO	CO	02/29/2016 to 09/30/2016	2015395	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYESDALE AVE (SW CORNER)	HUNTINGTON DR	CO	CO	02/29/2016 to 09/30/2016	2016403	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MERLON AVE (NW CORNER)	E COLORADO BLVD	CO	CO	02/29/2016 to 09/30/2016	2016408	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E COLORADO BLVD (WN CORNER)	MERLON AVE	CO	CO	02/29/2016 to 09/30/2016	2016410	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POTRERO GRANDE DR (WN CORNER)	FALLING LEAF AVE	CO	CO	02/29/2016 to 09/30/2016	2020177	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ECKHART AVE (NW CORNER)	LAKE KNOLL DR	CO	CO	02/29/2016 to 09/30/2016	2020179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOREN LN (WN CORNER)	FALLING LEAF AVE	CO	CO	02/29/2016 to 09/30/2016	2020292	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REIFER ST (WS CORNER)	DELTA ST	CO	CO	02/29/2016 to 09/30/2016	2020294	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	LAKE KNOLL DR (WN CORNER)	SAN GABRIEL BLVD	CO	CO	02/29/2016 to 09/30/2016	2020301	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STEDDOR DR (EN CORNER)	POTRERO GRANDE DR	CO	CO	02/29/2016 to 09/30/2016	2020326	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT GROVE AVE (SE CORNER)	RUSH ST	CO	CO	02/29/2016 to 09/30/2016	2020327	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NAOMI AVE (WN3 CORNER)	GOLDEN WEST AVE	CO	CO	02/29/2016 to 09/30/2016	2070351	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NAOMI AVE (WN2 CORNER)	GOLDEN WEST AVE	CO	CO	02/29/2016 to 09/30/2016	2070352	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AVE (MEDIAN)	FREER ST	CO	CO	02/29/2016 to 09/30/2016	2121037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER AVE (WEST)	WORTH ST	CO	CO	02/29/2016 to 09/30/2016	1859105	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BURGER AVE (EAST)	WHITTIER BLVD	CO	CO	02/29/2016 to 09/30/2016	1860307		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HILL AVE (NW CORNER)	NEW YORK DR	CO	CO	02/29/2016 to 09/30/2016	1961122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (NW CORNER)	N HILL AVE	CO	CO	02/29/2016 to 09/30/2016	1961126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (SW CORNER)	N HILL AVE	CO	CO	02/29/2016 to 09/30/2016	1961127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E COLORADO BLVD (WN CORNER)	N QUIGLEY AVE	CO	CO	02/29/2016 to 09/30/2016	2016407	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 121ST ST (WN CORNER)	AVALON BL	CO	CO	02/29/2016 to 09/30/2016	1755396		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S OAKFORD DR (NE CORNER)	WHITTIER BLVD	CO	CO	02/29/2016 to 09/30/2016	1915444		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 58TH PL (ES CORNER)	S CENTRAL AV	CO	CO	02/29/2016 to 09/30/2016	1752077	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THORSON ( SE CORNER )	E MCMILLAN ST	CO	CO	02/29/2016 to 09/30/2016	1866175	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA FE AV (SW CORNER)	INDEPENDENCE AV	CO	CO	02/29/2016 to 09/30/2016	1809094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	5TH ST (ES CORNER)	S ROWAN AV	CO	CO	02/29/2016 to 09/30/2016	1860185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S KERN AV (SE CORNER)	GLEASON ST	CO	CO	02/29/2016 to 09/30/2016	1914078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (SW CORNER)	S ARIZONA AV	CO	CO	02/29/2016 to 09/30/2016	1914121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKFORD DR (NW CORNER)	PERCY ST	CO	CO	02/29/2016 to 09/30/2016	1915076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNE AV (SW2 CORNER)	E 129TH ST	CO	CO	02/29/2016 to 09/30/2016	1701029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EL MOLINO AVE (NE CORNER)	ALAMEDA ST	CO	CO	02/29/2016 to 09/30/2016	1907105	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FLORENCE AVE (WS CORNER)	MOUNTAIN VIEW AVE	CO	CO	04/07/2011 to 08/11/2011	1808285	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JULIE LN (NE CORNER)	KITTRIDGE ST	CO	CO	07/14/2008 to 01/09/2009	1189028	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JULIE LN (NW CORNER)	KITTRIDGE ST	CO	CO	07/14/2008 to 01/09/2009	1189030	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JULIE LN (NW CORNER)	KITTRIDGE ST	CO	CO	07/14/2008 to 01/09/2009	1189031	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JULIE LN (NW CORNER)	KITTRIDGE ST	CO	CO	07/14/2008 to 01/09/2009	1189032	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JULIE LN (NE CORNER)	KITTRIDGE ST	CO	CO	07/14/2008 to 01/09/2009	1189033	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JULIE LN (NE CORNER)	KITTRIDGE ST	CO	CO	07/14/2008 to 01/09/2009	1189034	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DARYN DR (NW CORNER)	KITTRIDGE ST	CO	CO	07/14/2008 to 01/09/2009	1189036	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KITTRIDGE ST (E CORNER)	VICKVIEW DR	CO	CO	07/14/2008 to 01/09/2009	1189037	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICKVIEW DR (NW CORNER)	KITTRIDGE ST	CO	CO	07/14/2008 to 01/09/2009	1189039	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICKVIEW DR (NE CORNER)	KITTRIDGE ST	CO	CO	07/14/2008 to 01/09/2009	1189040	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KITTRIDGE ST (NW CORNER)	JULIE LN	CO	CO	07/14/2008 to 01/09/2009	1190001	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VENTURA BLVD (W CORNER)	CRAFTMAN RD	CO	CO	07/14/2008 to 01/09/2009	1191065	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VENTURA BLVD (SW CORNER)	PARKWAY CALABASAS	CO	CO	07/14/2008 to 01/09/2009	1191192	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOPANGA CANYON BLVD (SE CORNER)	WOODLAND CREST DR	CO	CO	07/14/2008 to 01/09/2009	1231022	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODLAND CREST DR (NE CORNER)	SAINT JOHNWOOD DR	CO	CO	07/14/2008 to 01/09/2009	1231026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMBAR DR (NW CORNER)	SAINT JOHNWOOD DR	CO	CO	07/14/2008 to 01/09/2009	1231027	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAINT JOHNWOOD DR (NE CORNER)	AMBAR DR	CO	CO	07/14/2008 to 01/09/2009	1231028	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAINT JOHNWOOD DR (E CORNER)	AMBAR DR	CO	CO	07/14/2008 to 01/09/2009	1231031	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 96TH ST (SW CORNER)	NORMANDIE	CO	CO	07/14/2008 to 01/09/2009	1644269	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S NORMANDIE AV (SW CORNER)	96TH ST	CO	CO	07/14/2008 to 01/09/2009	1644270	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 103RD ST (NW CORNER)	NORMANDIE	CO	CO	07/14/2008 to 01/09/2009	1644308	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 103RD ST (SW CORNER)	103RD ST	CO	CO	07/14/2008 to 01/09/2009	1644309	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S NORMANDIE AV (SW CORNER)	104TH ST	CO	CO	07/14/2008 to 01/09/2009	1644310	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 104TH ST (SE CORNER)		CO	CO	07/14/2008 to 01/09/2009	1645011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 106TH ST (NW CORNER)	NORMANDIE	CO	CO	07/14/2008 to 01/09/2009	1645030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 106TH ST (SW CORNER)	NORMANDIE	CO	CO	07/14/2008 to 01/09/2009	1645031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 87TH ST (NW CORNER)	VERMONT	CO	CO	07/14/2008 to 01/09/2009	1699121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 87TH ST (SW CORNER)	88TH ST	CO	CO	07/14/2008 to 01/09/2009	1699122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 88TH ST (NW CORNER)	VERMONT	CO	CO	07/14/2008 to 01/09/2009	1699132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 88TH ST (SW CORNER)	VERMONT	CO	CO	07/14/2008 to 01/09/2009	1699133	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 89TH ST (NW CORNER)	VERMONT	CO	CO	07/14/2008 to 01/09/2009	1699135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 89TH ST (SW CORNER)	VERMONT	CO	CO	07/14/2008 to 01/09/2009	1699136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 90TH ST (SW CORNER)	VERMONT	CO	CO	07/14/2008 to 01/09/2009	1699139	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 91ST ST (S CORNER)		CO	CO	07/14/2008 to 01/09/2009	1699146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 93RD ST (NW CORNER)	VERMONT	CO	CO	07/14/2008 to 01/09/2009	1699186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BUDLONG AV (SW CORNER)	98TH ST	CO	CO	07/14/2008 to 01/09/2009	1699225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 109TH ST (SW CORNER)	BUDLONG	CO	CO	07/14/2008 to 01/09/2009	1700126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 109TH ST (NW CORNER)	BUDLONG	CO	CO	07/14/2008 to 01/09/2009	1700127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV (W CORNER)	94TH ST	CO	CO	07/14/2008 to 01/09/2009	1754001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELVA ST (NW CORNER)	120TH	CO	CO	07/14/2008 to 01/09/2009	1755266	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST (NW CORNER)	ELVA	CO	CO	07/14/2008 to 01/09/2009	1755267	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELVA ST (NE CORNER)	120TH	CO	CO	07/14/2008 to 01/09/2009	1755268	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST (S CORNER)	ELVA	CO	CO	07/14/2008 to 01/09/2009	1755269	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST (NE CORNER)	ELVA	CO	CO	07/14/2008 to 01/09/2009	1755270	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELVA AV (SW CORNER)	121TH	CO	CO	07/14/2008 to 01/09/2009	1755271	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELVA AV (SE CORNER)	121ST	CO	CO	07/14/2008 to 01/09/2009	1755272	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	S CENTRAL AV (NW CORNER)	121ST	CO	CO	07/14/2008 to 01/09/2009	1755275	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (E CORNER)	121ST	CO	CO	07/14/2008 to 01/09/2009	1755276	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (W CORNER)	121ST	CO	CO	07/14/2008 to 01/09/2009	1755278	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (SE CORNER)	121ST	CO	CO	07/14/2008 to 01/09/2009	1755279	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (SW CORNER)	121ST	CO	CO	07/14/2008 to 01/09/2009	1755280	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST (SE CORNER)	ELVA	CO	CO	07/14/2008 to 01/09/2009	1755375	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLATER AV (SE CORNER)	127 ST	CO	CO	07/14/2008 to 01/09/2009	1756007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLATER AV (NW CORNER)	123RD ST	CO	CO	07/14/2008 to 01/09/2009	1756057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 123RD ST (NE CORNER)	SLATER	CO	CO	07/14/2008 to 01/09/2009	1756058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 123RD ST (SE CORNER)	SLATER	CO	CO	07/14/2008 to 01/09/2009	1756059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CENTRAL AV (E CORNER)		CO	CO	07/14/2008 to 01/09/2009	1756120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV (SE CORNER)	131 ST	CO	CO	07/14/2008 to 01/09/2009	1756127	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STANFORD AV (SW CORNER)	131 ST	CO	CO	07/14/2008 to 01/09/2009	1756131	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STANFORD AV (NW CORNER)	131 ST	CO	CO	07/14/2008 to 01/09/2009	1756134	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BLVD (NW CORNER)	135 TH	CO	CO	07/14/2008 to 01/09/2009	1756177	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BLVD (NE CORNER)	135 TH	CO	CO	07/14/2008 to 01/09/2009	1756182	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 142ND ST (NW CORNER)	PARMELEE	CO	CO	07/14/2008 to 01/09/2009	1756243	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYFIELD AVE (SW CORNER)	BRIGGS AVE	CO	CO	07/14/2008 to 01/09/2009	1796090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AVE (SW CORNER)	FOOTHILL FWY	CO	CO	07/14/2008 to 01/09/2009	1796091	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AVE (SE CORNER)	FOOTHILL FWY	CO	CO	07/14/2008 to 01/09/2009	1796092	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AVE (SW CORNER)	FOOTHILL FWY	CO	CO	07/14/2008 to 01/09/2009	1796093	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AVE (SE CORNER)	FOOTHILL FWY	CO	CO	07/14/2008 to 01/09/2009	1796094	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AVE (NW CORNER)	FOOTHILL FWY	CO	CO	07/14/2008 to 01/09/2009	1796095	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AVE (NE CORNER)	FOOTHILL FWY	CO	CO	07/14/2008 to 01/09/2009	1796096	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEOTA ST (SE CORNER)	ROSEBERRY	CO	CO	07/14/2008 to 01/09/2009	1808219	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUDAHY ST (SW CORNER)	MOUNTAIN VIEW AV	CO	CO	07/14/2008 to 01/09/2009	1808266	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FERRIS PL (SE CORNER)	PAUL HAN	CO	CO	07/14/2008 to 01/09/2009	1813063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FERRIS PL (SW CORNER)	PAUL HAN	CO	CO	07/14/2008 to 01/09/2009	1813064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E VICTORIA ST (W CORNER)	LAUREL PARK RD	CO	CO	07/14/2008 to 01/09/2009	1813070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAUREL PARK RD (SE CORNER)	VICTORIA	CO	CO	07/14/2008 to 01/09/2009	1813071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA (E CORNER)	LAUREL PARK RD	CO	CO	07/14/2008 to 01/09/2009	1813072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOMESTEAD PL (NW CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1813076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E VICTORIA ST (NW CORNER)	S SUSANA RD	CO	CO	07/14/2008 to 01/09/2009	1813084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (NW CORNER)	VICTORIA ST	CO	CO	07/14/2008 to 01/09/2009	1813085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (NW CORNER)	ANA ST	CO	CO	07/14/2008 to 01/09/2009	1813091	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOMESTEAD PL (SW CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1813104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWICK ST (NW CORNER)	CHARLES WILLARD	CO	CO	07/14/2008 to 01/09/2009	1813147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWICK ST (NE CORNER)	ALAMEDA WILLARD	CO	CO	07/14/2008 to 01/09/2009	1813148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REYES AV (SW CORNER)	ANA ST	CO	CO	07/14/2008 to 01/09/2009	1814010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REYES AV (SE CORNER)	ANA ST	CO	CO	07/14/2008 to 01/09/2009	1814011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (SW CORNER)	MARIA	CO	CO	07/14/2008 to 01/09/2009	1814016	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (SE CORNER)	MARIA	CO	CO	07/14/2008 to 01/09/2009	1814017	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REYES AV (SW CORNER)	MARIA ST	CO	CO	07/14/2008 to 01/09/2009	1814019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REYES AV (SE CORNER)	MARIA ST	CO	CO	07/14/2008 to 01/09/2009	1814020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REYES AV (SW CORNER)	MARIA ST	CO	CO	07/14/2008 to 01/09/2009	1814021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REYES AV (SE CORNER)	MARIA ST	CO	CO	07/14/2008 to 01/09/2009	1814022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (SW CORNER)	REYES AV	CO	CO	07/14/2008 to 01/09/2009	1814023	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (SE CORNER)	REYES AV	CO	CO	07/14/2008 to 01/09/2009	1814024	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DEL AMO BLVD (NW CORNER CORNER)	SUSANA RD	CO	CO	07/14/2008 to 01/09/2009	1814099	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GAGE AV (NW CORNER)	5TH STREET	CO	CO	07/14/2008 to 01/09/2009	1860188	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S FORD BLVD (W CORNER)	3RD	CO	CO	07/14/2008 to 01/09/2009	1860231	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUNOL DR (W CORNER)	3RD	CO	CO	07/14/2008 to 01/09/2009	1860234	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUNOL DR (E CORNER)	3RD	CO	CO	07/14/2008 to 01/09/2009	1860235	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 2ND ST (NE CORNER)	EASTERN	CO	CO	07/14/2008 to 01/09/2009	1860237	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST (N CORNER)	RECORD	CO	CO	07/14/2008 to 01/09/2009	1860243	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 4TH ST (S CORNER)	EASTERN	CO	CO	07/14/2008 to 01/09/2009	1860244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GAGE AV (NE CORNER)	5TH STREET	CO	CO	07/14/2008 to 01/09/2009	1860249	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST (S CORNER)	SIDNEY	CO	CO	07/14/2008 to 01/09/2009	1860251	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S FORD BLVD (W CORNER)	3RD STREET	CO	CO	07/14/2008 to 01/09/2009	1860266	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S FORD BLVD (E CORNER)	3RD STREET	CO	CO	07/14/2008 to 01/09/2009	1860267	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORD (E CORNER)	3RD STREET	CO	CO	07/14/2008 to 01/09/2009	1860268	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST (S CORNER)	SIDNEY	CO	CO	07/14/2008 to 01/09/2009	1860282	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST (N CORNER)	SIDNEY	CO	CO	07/14/2008 to 01/09/2009	1860283	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S EASTERN AV (NE CORNER)	WHITTIER	CO	CO	07/14/2008 to 01/09/2009	1861013	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MINES ST (N CORNER)	FORD	CO	CO	07/14/2008 to 01/09/2009	1861026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MINES ST (N CORNER)	DUNCAN	CO	CO	07/14/2008 to 01/09/2009	1861030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BLVD (N CORNER)	EASTERN	CO	CO	07/14/2008 to 01/09/2009	1861036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S EASTERN AV (NE CORNER)	OLYMPIC	CO	CO	07/14/2008 to 01/09/2009	1861037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BLVD (S CORNER)	FORD	CO	CO	07/14/2008 to 01/09/2009	1861038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BURGER AV (NE CORNER)	WHITTIER BLVD	CO	CO	07/14/2008 to 01/09/2009	1861233	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 6**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

**Certified Full Capture Systems Database**

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E ROSECRANS AV (NE CORNER)	GIBSON	CO	CO	07/14/2008 to 01/09/2009	1866224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GIBSON AV (NE CORNER)	ROSECRANS	CO	CO	07/14/2008 to 01/09/2009	1866225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WILBARN ST (SE CORNER)	GIBSON	CO	CO	07/14/2008 to 01/09/2009	1866227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WILBARN ST (NE CORNER)	GIBSON	CO	CO	07/14/2008 to 01/09/2009	1866228	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GIBSON AV (NE CORNER)	WILBARN	CO	CO	07/14/2008 to 01/09/2009	1866229	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GIBSON AV (NW CORNER)	COMPTON	CO	CO	07/14/2008 to 01/09/2009	1867178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GIBSON AV (NE CORNER)	COMPTON	CO	CO	07/14/2008 to 01/09/2009	1867179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N FAIR OAKS AV (NW CORNER)	WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907001	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N FAIR OAKS AV (W CORNER)	WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907002	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N FAIR OAKS AV (W CORNER)	WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907003	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N FAIR OAKS AV (E CORNER)	WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907005	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NE CORNER)	FAIR OAKS AVE	CO	CO	07/14/2008 to 01/09/2009	1907007	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (N CORNER)	FAIR OAKS AVE	CO	CO	07/14/2008 to 01/09/2009	1907008	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RAYMOND AV (N CORNER)	RAYMOND AVE	CO	CO	07/14/2008 to 01/09/2009	1907010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MARENGO AV (N CORNER)	WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907022	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MARENGO AV (NW CORNER)	MARENGO AVE	CO	CO	07/14/2008 to 01/09/2009	1907025	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MARENGO AV (NE CORNER)	SACRAMENTO ST.	CO	CO	07/14/2008 to 01/09/2009	1907026	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SANTA ANITA AV (NW CORNER)	SACRAMENTO ST.	CO	CO	07/14/2008 to 01/09/2009	1907031	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SANTA ANITA AV (NE CORNER)	SACRAMENTO ST.	CO	CO	07/14/2008 to 01/09/2009	1907032	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SANTA ANITA AV (NW CORNER)	WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907033	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (N CORNER)	SANTA ANITA AVE	CO	CO	07/14/2008 to 01/09/2009	1907035	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MARENGO AV (NE CORNER)	WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N FAIR OAKS AV (W CORNER)	VENTURA ST	CO	CO	07/14/2008 to 01/09/2009	1907046	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N FAIR OAKS AV (E CORNER)	VENTURA ST	CO	CO	07/14/2008 to 01/09/2009	1907047	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N FAIR OAKS AV (E CORNER)	CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907048	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N FAIR OAKS AV (W CORNER)	CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907049	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RAYMOND AV (E CORNER)	CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907056	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RAYMOND AV (E CORNER)	CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907057	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MARENGO AV (W CORNER)	CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907061	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MARENGO AV (E CORNER)	CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907062	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (S CORNER)	GARFIELD AVE	CO	CO	07/14/2008 to 01/09/2009	1907063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GARFIELD AV (W CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1907065	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GARFIELD AV (E CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1907066	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (S CORNER)	GARFIELD AVE	CO	CO	07/14/2008 to 01/09/2009	1907068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLIVERAS AV (E CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1907069	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLIVERAS AV (W CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1907070	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLIVERAS AV (E CORNER)	MENDOCINO ST	CO	CO	07/14/2008 to 01/09/2009	1907072	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SANTA ANITA AV (W CORNER)	MENDOCINO ST	CO	CO	07/14/2008 to 01/09/2009	1907073	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SANTA ANITA AV (E CORNER)	MENDOCINO ST	CO	CO	07/14/2008 to 01/09/2009	1907074	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SANTA ANITA AV (W CORNER)	E CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907077	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SANTA ANITA AV (E CORNER)	E CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907078	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SANTA ANITA AV (NE CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1907081	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SANTA ANITA AV (NW CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1907082	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ROSA AV (NW CORNER)	E CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907086	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ROSA AV (NE CORNER)	E CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907087	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CATHERINE RD (W CORNER)	E CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907089	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CATHERINE RD (E CORNER)	E CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1907090	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (S CORNER)	CATHERINE RD	CO	CO	07/14/2008 to 01/09/2009	1907093	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ROSA AV (NE CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1907100	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ROSA AV (NW CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1907101	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EL MOLINO AV (NW CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1907107	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (N CORNER)	SANTA ROSA AVE	CO	CO	07/14/2008 to 01/09/2009	1907111	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EL MOLINO AV (E CORNER)	MORADA PL	CO	CO	07/14/2008 to 01/09/2009	1907114	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EL MOLINO AV (NE CORNER)	NEW YORK DR	CO	CO	07/14/2008 to 01/09/2009	1907120	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SACRAMENTO ST (NW CORNER)	N EL MOLINO AVE	CO	CO	07/14/2008 to 01/09/2009	1907122	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EL MOLINO AV (E CORNER)	E SACRAMENTO ST.	CO	CO	07/14/2008 to 01/09/2009	1907123	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SACRAMENTO ST (N CORNER)	N EL MOLINO AVE	CO	CO	07/14/2008 to 01/09/2009	1907124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENROSE AV (NW CORNER)	VENTURA ST	CO	CO	07/14/2008 to 01/09/2009	1907137	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENROSE AV (E CORNER)	VENTURA ST	CO	CO	07/14/2008 to 01/09/2009	1907138	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENROSE AV (NE CORNER)	VENTURA ST	CO	CO	07/14/2008 to 01/09/2009	1907139	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (S CORNER)	N GLENROSE AVE	CO	CO	07/14/2008 to 01/09/2009	1907141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GLENROSE AV (W CORNER)	FIGUEROA DR	CO	CO	07/14/2008 to 01/09/2009	1907143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (N CORNER)	N GLENROSE AVE	CO	CO	07/14/2008 to 01/09/2009	1907146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GLENROSE AV (E CORNER)	FIGUEROA DR	CO	CO	07/14/2008 to 01/09/2009	1907147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N OLIVE AV (NW CORNER)	FIGUEROA DR	CO	CO	07/14/2008 to 01/09/2009	1907149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N OLIVE AV (NE CORNER)	FIGUEROA DR	CO	CO	07/14/2008 to 01/09/2009	1907150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (S CORNER)	N LINCOLN AVE	CO	CO	07/14/2008 to 01/09/2009	1907151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (N CORNER)	N LINCOLN AVE	CO	CO	07/14/2008 to 01/09/2009	1907152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LINCOLN AV (NW CORNER)	N LINCOLN AVE	CO	CO	07/14/2008 to 01/09/2009	1907154	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (S CORNER)	N CANYADA AVE	CO	CO	07/14/2008 to 01/09/2009	1907155	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

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Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	N SAINT PIERRE AV (W CORNER)	FIGUEROA DR	CO	CO	07/14/2008 to 01/09/2009	1907158	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SAINT PIERRE AV (E CORNER)	FIGUEROA DR	CO	CO	07/14/2008 to 01/09/2009	1907159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (S CORNER)	N CASITAS AVE	CO	CO	07/14/2008 to 01/09/2009	1907160	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (N CORNER)	N CASITAS AVE	CO	CO	07/14/2008 to 01/09/2009	1907161	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CASITAS AV (W CORNER)	NELDOME ST	CO	CO	07/14/2008 to 01/09/2009	1907164	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (N CORNER)	EL SERENO AVE	CO	CO	07/14/2008 to 01/09/2009	1907171	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SERENO AV (E CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907172	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SERENO AV (W CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NAVARRO AV (SW CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907174	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NAVARRO AV (E CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907175	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (SE CORNER)	N NAVARRO AVE	CO	CO	07/14/2008 to 01/09/2009	1907176	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (N CORNER)	N NAVARRO AVE	CO	CO	07/14/2008 to 01/09/2009	1907177	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N NAVARRO AV (W CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907178	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N NAVARRO AV (E CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907179	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (SE CORNER)	N GLENROSE AVE	CO	CO	07/14/2008 to 01/09/2009	1907180	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GLENROSE AV (NE CORNER)	N GLENROSE AVE	CO	CO	07/14/2008 to 01/09/2009	1907181	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (N CORNER)	N GLENROSE AVE	CO	CO	07/14/2008 to 01/09/2009	1907183	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GLENROSE AV (NW CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907184	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GLENROSE AV (NE CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907185	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (SE CORNER)	N GLENROSE AVE	CO	CO	07/14/2008 to 01/09/2009	1907187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (N CORNER)	N GLENROSE AVE	CO	CO	07/14/2008 to 01/09/2009	1907188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (SE CORNER)	N LINCOLN AVE	CO	CO	07/14/2008 to 01/09/2009	1907189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LINCOLN AV (NE CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907190	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LINCOLN AV (NE CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907191	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LINCOLN AV (W CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907192	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LINCOLN AV (W CORNER)	ST. VERMONT ST	CO	CO	07/14/2008 to 01/09/2009	1907193	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAUN ST (S CORNER)	N LINCOLN AVE	CO	CO	07/14/2008 to 01/09/2009	1907194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAUN ST (N CORNER)	N LINCOLN AVE	CO	CO	07/14/2008 to 01/09/2009	1907195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LINCOLN AV (E CORNER)	LAUN ST	CO	CO	07/14/2008 to 01/09/2009	1907196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CASITAS AV (NW CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907218	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CASITAS AV (NE CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907219	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (NE CORNER)	N CASITAS AVE	CO	CO	07/14/2008 to 01/09/2009	1907220	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LINCOLN AV (NW CORNER)	W WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1907324	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MENDOCINO ST (NW CORNER)	OLIVERAS AVE	CO	CO	07/14/2008 to 01/09/2009	1907325	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR (SW CORNER)	MONTEREY PARK	CO	CO	07/14/2008 to 01/09/2009	1914044	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N DANGLER AV (NW CORNER)	HAMMEL	CO	CO	07/14/2008 to 01/09/2009	1914048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMMEL ST (NW CORNER)	DANGLER	CO	CO	07/14/2008 to 01/09/2009	1914049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMMEL ST (SW CORNER)	DANGLER	CO	CO	07/14/2008 to 01/09/2009	1914050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N DANGLER AV (SW CORNER)	DOZIER	CO	CO	07/14/2008 to 01/09/2009	1914056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N DANGLER AV (SE CORNER)	DOZIER	CO	CO	07/14/2008 to 01/09/2009	1914057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR E CHAVEZ AV (NW CORNER)	ARIZONA	CO	CO	07/14/2008 to 01/09/2009	1914058	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR E CHAVEZ AV (SE CORNER)	ARIZONA	CO	CO	07/14/2008 to 01/09/2009	1914062	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N DANGLER AV (SE CORNER)	EUGEGET ST	CO	CO	07/14/2008 to 01/09/2009	1914064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EUGENE ST (NW CORNER)	EUGEGET ST	CO	CO	07/14/2008 to 01/09/2009	1914065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N DANGLER AV (SW CORNER)	EUGEGET ST	CO	CO	07/14/2008 to 01/09/2009	1914066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DANGLER AV (SE CORNER)	GLEASON	CO	CO	07/14/2008 to 01/09/2009	1914074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR E CHAVEZ AV (S CORNER)	E COLONIA	CO	CO	07/14/2008 to 01/09/2009	1914083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR E CHAVEZ AV (S CORNER)	E COLONIA	CO	CO	07/14/2008 to 01/09/2009	1914084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR E CHAVEZ AV (NW CORNER)	E COLONIA	CO	CO	07/14/2008 to 01/09/2009	1914085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR E CHAVEZ AV (NW CORNER)	E COLONIA	CO	CO	07/14/2008 to 01/09/2009	1914086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 2ND ST (NW CORNER)	MC DONNELL AVE	CO	CO	07/14/2008 to 01/09/2009	1914095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 2ND ST (N/W CORNER)	DANGLER	CO	CO	07/14/2008 to 01/09/2009	1914099	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DANGLER AV (NE CORNER)	3RD ST	CO	CO	07/14/2008 to 01/09/2009	1914102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STRANG ST (N CORNER)	MC DONNELL	CO	CO	07/14/2008 to 01/09/2009	1914107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STRANG ST (S CORNER)	MC DONNELL	CO	CO	07/14/2008 to 01/09/2009	1914108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WYMAN AV (E CORNER)	EAGLE	CO	CO	07/14/2008 to 01/09/2009	1914112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WYMAN AV (W CORNER)	EAGLE	CO	CO	07/14/2008 to 01/09/2009	1914113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WYMAN AV (S CORNER)	EAGLE	CO	CO	07/14/2008 to 01/09/2009	1914114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MCDONNELL AV (NE CORNER)	6TH	CO	CO	07/14/2008 to 01/09/2009	1914118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MCDONNELL AV (NW CORNER)	6TH	CO	CO	07/14/2008 to 01/09/2009	1914120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV (NW CORNER)	6TH	CO	CO	07/14/2008 to 01/09/2009	1914123	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV (SE CORNER)	6TH	CO	CO	07/14/2008 to 01/09/2009	1914124	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV (SE CORNER)	6TH	CO	CO	07/14/2008 to 01/09/2009	1914125	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GERHART AV (SE CORNER)	POMONA	CO	CO	07/14/2008 to 01/09/2009	1914224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GERHART AV (SW CORNER)	POMONA	CO	CO	07/14/2008 to 01/09/2009	1914225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GERHART AV (NW CORNER)	DEWAR ST	CO	CO	07/14/2008 to 01/09/2009	1914226	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GERHART (NE CORNER)	VIA SAN DELARO	CO	CO	07/14/2008 to 01/09/2009	1914230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIMMONS AV (NW CORNER)	VIA SAN DELARO	CO	CO	07/14/2008 to 01/09/2009	1914231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIMMONS AV (NE CORNER)	VIA SAN DELARO	CO	CO	07/14/2008 to 01/09/2009	1914232	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SADLER AV (NE CORNER)	REPETTO ST	CO	CO	07/14/2008 to 01/09/2009	1914288	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



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Prepared By: AN

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Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	MIDWICK DR (SW CORNER)	ALLEN AVE	CO	CO	07/14/2008 to 01/09/2009	1961001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDWICK DR (SW CORNER)	MIDLOTHIAN DR	CO	CO	07/14/2008 to 01/09/2009	1961012	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDWICK DR (NW CORNER)	MIDLOTHIAN DR	CO	CO	07/14/2008 to 01/09/2009	1961013	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDLOTHIAN DR (NW CORNER)	MIDWICK DR	CO	CO	07/14/2008 to 01/09/2009	1961014	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDLOTHIAN DR (NE CORNER)	GLENVIEW TER	CO	CO	07/14/2008 to 01/09/2009	1961015	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDLOTHIAN DR (NE CORNER)	GLENVIEW TER	CO	CO	07/14/2008 to 01/09/2009	1961017	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDLOTHIAN DR (NE CORNER)	CO	CO	CO	07/14/2008 to 01/09/2009	1961018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENVIEW TER (NW CORNER)	MIDLOTHIAN DR	CO	CO	07/14/2008 to 01/09/2009	1961020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDWICK DR (NW CORNER)	GLEN CYN RD	CO	CO	07/14/2008 to 01/09/2009	1961021	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN CYN RD (NW CORNER)	PEPPER DR	CO	CO	07/14/2008 to 01/09/2009	1961022	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDWICK DR (NE CORNER)	GLEN CYN RD	CO	CO	07/14/2008 to 01/09/2009	1961023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN CYN RD (SW CORNER)	N CRAIG AVE	CO	CO	07/14/2008 to 01/09/2009	1961024	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN CYN RD (NW CORNER)	N CRAIG AVE	CO	CO	07/14/2008 to 01/09/2009	1961025	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDOCINO LN (NE CORNER)	ALLEN AVE	CO	CO	07/14/2008 to 01/09/2009	1961027	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALLEN AV (NW CORNER)	MENDOCINO LN	CO	CO	07/14/2008 to 01/09/2009	1961028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ROOSEVELT AVE (NW CORNER)	GLEN CYN RD	CO	CO	07/14/2008 to 01/09/2009	1961032	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ROOSEVELT AVE (NE CORNER)	GLEN CYN RD	CO	CO	07/14/2008 to 01/09/2009	1961033	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GRANDOAKS AV (NE CORNER)	GLEN CYN RD	CO	CO	07/14/2008 to 01/09/2009	1961034	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN CYN RD (NW CORNER)	N GRANDOAKS AV	CO	CO	07/14/2008 to 01/09/2009	1961036	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN CYN RD (SW CORNER)	N GRANDOAKS AV	CO	CO	07/14/2008 to 01/09/2009	1961037	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MORADA PL (SE CORNER)	HILL AVE.	CO	CO	07/14/2008 to 01/09/2009	1961039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MORADA PL (SW CORNER)	HILL AVE.	CO	CO	07/14/2008 to 01/09/2009	1961040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRAEBURN RD (N CORNER)	PAGE	CO	CO	07/14/2008 to 01/09/2009	1961043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRAEBURN RD (S CORNER)	PAGE	CO	CO	07/14/2008 to 01/09/2009	1961045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRAEBURN RD (S CORNER)	PAGE	CO	CO	07/14/2008 to 01/09/2009	1961046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HIGHLAND AV (NE CORNER)	MENDOCINO	CO	CO	07/14/2008 to 01/09/2009	1961052	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HIGHLAND AV (NW CORNER)	MENDOCINO	CO	CO	07/14/2008 to 01/09/2009	1961053	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDOCINO ST (NE CORNER)	GANESHA AVE	CO	CO	07/14/2008 to 01/09/2009	1961054	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDOCINO ST (SE CORNER)	GANESHA AVE	CO	CO	07/14/2008 to 01/09/2009	1961055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GANESHA AV (NW CORNER)	MENDOCINO	CO	CO	07/14/2008 to 01/09/2009	1961057	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MARIPOSA ST (SE CORNER)	MAR VISTA AVE	CO	CO	07/14/2008 to 01/09/2009	1961059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MARIPOSA ST (NE CORNER)	MAR VISTA AVE	CO	CO	07/14/2008 to 01/09/2009	1961060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MARIPOSA ST (SW CORNER)	MAR VISTA AVE	CO	CO	07/14/2008 to 01/09/2009	1961061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FONTANET WY (SW CORNER)	EL MOLINO	CO	CO	07/14/2008 to 01/09/2009	1961063	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EL MOLINO AV (NW CORNER)	MARIPOSA ST	CO	CO	07/14/2008 to 01/09/2009	1961064	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MARIPOSA ST (NW CORNER)	EL MOLINO	CO	CO	07/14/2008 to 01/09/2009	1961065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EL MOLINO AV (NE CORNER)	MARIPOSA ST	CO	CO	07/14/2008 to 01/09/2009	1961066	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AV (W CORNER)	MARIPOSA ST	CO	CO	07/14/2008 to 01/09/2009	1961069	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AV (E CORNER)	MARIPOSA ST	CO	CO	07/14/2008 to 01/09/2009	1961071	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AV (E CORNER)	FONTANET WY	CO	CO	07/14/2008 to 01/09/2009	1961072	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (NE CORNER)	BEVERLY WAY	CO	CO	07/14/2008 to 01/09/2009	1961074	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEVERLY WY (SE CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961075	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDOCINO ST (NE CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961076	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (NE CORNER)	MENDOCINO	CO	CO	07/14/2008 to 01/09/2009	1961077	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (NW CORNER)	MENDOCINO	CO	CO	07/14/2008 to 01/09/2009	1961078	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MENDOCINO ST (NW CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (E CORNER)	MENDOCINO	CO	CO	07/14/2008 to 01/09/2009	1961081	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (W CORNER)	CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1961082	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (NE CORNER)	CALAVEROS ST	CO	CO	07/14/2008 to 01/09/2009	1961084	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (NE CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961085	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (NW CORNER)	CALAVEROS ST	CO	CO	07/14/2008 to 01/09/2009	1961086	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (SE CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAIDEN LN (E CORNER)	CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1961088	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAIDEN LN (W CORNER)	CALAVERAS ST	CO	CO	07/14/2008 to 01/09/2009	1961089	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDOCINO ST (SE CORNER)	MAIDEN LN	CO	CO	07/14/2008 to 01/09/2009	1961090	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDOCINO ST (NE CORNER)	MAIDEN LN	CO	CO	07/14/2008 to 01/09/2009	1961091	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAIDEN LN (NW CORNER)	MENDOCINO	CO	CO	07/14/2008 to 01/09/2009	1961092	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAIDEN LN (SW CORNER)	BEVERLY WAY	CO	CO	07/14/2008 to 01/09/2009	1961093	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAIDEN LN (NE CORNER)	BEVERLY WAY	CO	CO	07/14/2008 to 01/09/2009	1961094	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEVERLY WY (NE CORNER)	MAIDEN LN	CO	CO	07/14/2008 to 01/09/2009	1961095	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (S CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (S CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EL MOLINO AV (NE CORNER)	CALAVEROS ST	CO	CO	07/14/2008 to 01/09/2009	1961100	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EL MOLINO AV (NW CORNER)	CALAVEROS ST	CO	CO	07/14/2008 to 01/09/2009	1961101	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (NW CORNER)	SACRAMENTO ST.	CO	CO	07/14/2008 to 01/09/2009	1961102	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MORADA PL (S CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961104	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (E CORNER)	MORADA PL.	CO	CO	07/14/2008 to 01/09/2009	1961106	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRAWFORD AV (NW CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1961110	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRAWFORD AV (NE CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1961111	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (W CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1961113	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



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Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	BOSTON ST (SE CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BOSTON ST (S CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961115	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (NE CORNER)	BOSTON ST	CO	CO	07/14/2008 to 01/09/2009	1961117	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (W CORNER)	CALAVEROS ST	CO	CO	07/14/2008 to 01/09/2009	1961118	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (W CORNER)	CALAVEROS ST	CO	CO	07/14/2008 to 01/09/2009	1961119	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (E CORNER)	CALAVEROS ST	CO	CO	07/14/2008 to 01/09/2009	1961120	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NE CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (NE CORNER)	WOODBURY RD	CO	CO	07/14/2008 to 01/09/2009	1961142	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALLEN AV (W CORNER)	WASHINGTON	CO	CO	07/14/2008 to 01/09/2009	1961182	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEPPER AVE (NW CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (NW CORNER)	PEPPER AVE	CO	CO	07/14/2008 to 01/09/2009	1961186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (NW CORNER)	PEPPER AVE	CO	CO	07/14/2008 to 01/09/2009	1961187	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEPPER AVE (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961188	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEPPER AVE (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEPPER AVE (N CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961190	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (NW CORNER)	GRAND OAKS AVE	CO	CO	07/14/2008 to 01/09/2009	1961191	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (NW CORNER)	CRAIG AVE	CO	CO	07/14/2008 to 01/09/2009	1961192	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (SW CORNER)	HARDING AVE	CO	CO	07/14/2008 to 01/09/2009	1961193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARDING AVE (NW CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROOSEVELT AVE (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961195	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROOSEVELT AVE (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961196	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (NW CORNER)	ROOSEVELT AVE	CO	CO	07/14/2008 to 01/09/2009	1961197	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROOSEVELT AVE (NW CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961198	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAND OAKS AVE (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961199	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAND OAKS AVE (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961200	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAND OAKS AVE (NW CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	1961201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (NW CORNER)	GRAND OAKS AVE	CO	CO	07/14/2008 to 01/09/2009	1961202	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GRAND OAKS AV (NE CORNER)	NEW YORK DR	CO	CO	07/14/2008 to 01/09/2009	1961208	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CRAIG AV (NW CORNER)	NEW YORK DR	CO	CO	07/14/2008 to 01/09/2009	1961211	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CRAIG AV (W CORNER)	NEW YORK DR	CO	CO	07/14/2008 to 01/09/2009	1961212	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (S CORNER)	PEPPER DR	CO	CO	07/14/2008 to 01/09/2009	1961216	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALLEN AV (NE CORNER)	NEW YORK DR	CO	CO	07/14/2008 to 01/09/2009	1961219	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARCHETA ST (SW CORNER)	LAKE AVE	CO	CO	07/14/2008 to 01/09/2009	1961222	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIPOSA (N CORNER)	CATHERINE	CO	CO	07/14/2008 to 01/09/2009	1961223	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CATHERINE RD (NE CORNER)	MARIPOSA ST	CO	CO	07/14/2008 to 01/09/2009	1961224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FONTANET WY (N CORNER)	EL MOLINO	CO	CO	07/14/2008 to 01/09/2009	1961225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CRAIG AVE (NE CORNER)	GLEN CYN RD	CO	CO	07/14/2008 to 01/09/2009	1961253	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (NW CORNER)	ROOSEVELT AVE	CO	CO	07/14/2008 to 01/09/2009	1961254	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (SW CORNER)	ROOSEVELT AVE	CO	CO	07/14/2008 to 01/09/2009	1962053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (SE CORNER)	GRAND OAKS AVE	CO	CO	07/14/2008 to 01/09/2009	1962054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (SW CORNER)	CRAIG AVE	CO	CO	07/14/2008 to 01/09/2009	1962055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (SE CORNER)	PEPPER AVE	CO	CO	07/14/2008 to 01/09/2009	1962056	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CRAIG AV (NE CORNER)	OAKDALE	CO	CO	07/14/2008 to 01/09/2009	1963021	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S OAK AV (NW CORNER)	SAN PASCUAL	CO	CO	07/14/2008 to 01/09/2009	1963026	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN MARINO AV (NW CORNER)	SAN PASCUAL	CO	CO	07/14/2008 to 01/09/2009	1963028	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (SW CORNER)	SAN MARINO	CO	CO	07/14/2008 to 01/09/2009	1963252	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (SW CORNER)	SAN MARINO	CO	CO	07/14/2008 to 01/09/2009	1963253	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	SAN MARINO	CO	CO	07/14/2008 to 01/09/2009	1963255	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINCLAIR DR (N CORNER)		CO	CO	07/14/2008 to 01/09/2009	2014001	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINCLAIR DR (S CORNER)		CO	CO	07/14/2008 to 01/09/2009	2014002	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINCLAIR DR (E CORNER)		CO	CO	07/14/2008 to 01/09/2009	2014003	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINCLAIR DR (W CORNER)	GLEN SPRINGS	CO	CO	07/14/2008 to 01/09/2009	2014004	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN SPRINGS RD (N CORNER)	KINCLAIR DR	CO	CO	07/14/2008 to 01/09/2009	2014005	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALTADENA DR (NW CORNER)	BERENDO ST	CO	CO	07/14/2008 to 01/09/2009	2014011	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BERENDO ST (NW CORNER)	N ALTADENA DR	CO	CO	07/14/2008 to 01/09/2009	2014012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BERENDO ST (SW CORNER)	N ALTADENA DR	CO	CO	07/14/2008 to 01/09/2009	2014013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALTADENA DR (NW CORNER)	VERANADA AVE	CO	CO	07/14/2008 to 01/09/2009	2014015	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARDING AV (NE CORNER)	NEW YORK	CO	CO	07/14/2008 to 01/09/2009	2014017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOLIDGE AV (NW CORNER)	NEW YORK	CO	CO	07/14/2008 to 01/09/2009	2014019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERANADA AV (NW CORNER)	NEW YORK	CO	CO	07/14/2008 to 01/09/2009	2014021	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERANADA AV (NE CORNER)	NEW YORK	CO	CO	07/14/2008 to 01/09/2009	2014022	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (NW CORNER)	ALTADENA	CO	CO	07/14/2008 to 01/09/2009	2014023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALTADENA DR (NW CORNER)	NEW YORK	CO	CO	07/14/2008 to 01/09/2009	2014024	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALTADENA DR (NE CORNER)	NEW YORK	CO	CO	07/14/2008 to 01/09/2009	2014025	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (NW CORNER)	ALTADENA	CO	CO	07/14/2008 to 01/09/2009	2014026	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (SE CORNER)	VALENCIA	CO	CO	07/14/2008 to 01/09/2009	2014027	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARDING AVE (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	2014028	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARDING AVE (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	2014029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (SW CORNER)	COOLIDGE AVE	CO	CO	07/14/2008 to 01/09/2009	2014030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOLIDGE AV (NW CORNER)	WASHINGTON	CO	CO	07/14/2008 to 01/09/2009	2014031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	COOLIDGE AVE (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	2014032	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA AVE (NW CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	2014033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA AVE (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	2014034	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLY (NW CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	2014035	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTADENA DR (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	2014036	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTADENA DR (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	2014037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (NE CORNER)	WASHINGTON ST	CO	CO	07/14/2008 to 01/09/2009	2014039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (SW CORNER)	VALENCIA AVE	CO	CO	07/14/2008 to 01/09/2009	2014040	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN SPRINGS RD (S CORNER)	KINCLAIR DR	CO	CO	07/14/2008 to 01/09/2009	2014043	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINCLAIR DR (N CORNER)		CO	CO	07/14/2008 to 01/09/2009	2014064	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINCLAIR DR (S CORNER)		CO	CO	07/14/2008 to 01/09/2009	2014065	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINCLAIR DR (N CORNER)		CO	CO	07/14/2008 to 01/09/2009	2014089	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINCLAIR DR (N CORNER)		CO	CO	07/14/2008 to 01/09/2009	2014090	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (SW CORNER)	ALTADENA DR	CO	CO	07/14/2008 to 01/09/2009	2015035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON ST (SE CORNER)		CO	CO	07/14/2008 to 01/09/2009	2015188	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SIERRA MADRE BLVD (NE CORNER)	NEW YORK	CO	CO	07/14/2008 to 01/09/2009	2015327	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ROSEMEAD BLVD (NW CORNER)	DEL MAR	CO	CO	07/14/2008 to 01/09/2009	2016052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOFIELD CT (W CORNER)	LOTUS	CO	CO	07/14/2008 to 01/09/2009	2016081	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SIERRA MADRE BLVD (N CORNER)	SAN PASCUAL	CO	CO	07/14/2008 to 01/09/2009	2016135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (S CORNER)	LA PRESA	CO	CO	07/14/2008 to 01/09/2009	2016192	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAS RIENDAS WY (N CORNER)		CO	CO	07/14/2008 to 01/09/2009	2016193	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNNYSLOPE BLVD (S CORNER)		CO	CO	07/14/2008 to 01/09/2009	2016199	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA PRESA DR (E CORNER)	SUNNYSLOPE	CO	CO	07/14/2008 to 01/09/2009	2016205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA PRESA DR (E CORNER)	MARTHA CIRCLE	CO	CO	07/14/2008 to 01/09/2009	2016206	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMBARDY RD (N CORNER)	N. GAINSBOROUGH	CO	CO	07/14/2008 to 01/09/2009	2016226	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARTHA CIR (S CORNER)	LA PRESA	CO	CO	07/14/2008 to 01/09/2009	2016235	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AV (E CORNER)	VALLOMBROSA	CO	CO	07/14/2008 to 01/09/2009	2016253	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AV (E CORNER)	HUNTINGTON	CO	CO	07/14/2008 to 01/09/2009	2016254	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (S CORNER)	LOTUS	CO	CO	07/14/2008 to 01/09/2009	2016261	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (S CORNER)	LOTUS	CO	CO	07/14/2008 to 01/09/2009	2016266	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (SW CORNER)	LOTUS	CO	CO	07/14/2008 to 01/09/2009	2016268	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N VISTA ST (NW CORNER)	DUARTE	CO	CO	07/14/2008 to 01/09/2009	2017004	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV (NW CORNER)	DUARTE	CO	CO	07/14/2008 to 01/09/2009	2017021	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SULTANA AV (NW CORNER)	ROSEMEAD	CO	CO	07/14/2008 to 01/09/2009	2017039	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N SULTANA AV (NE CORNER)	ROSEMEAD	CO	CO	07/14/2008 to 01/09/2009	2017040	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ROSEMEAD BLVD (NE CORNER)	DUARTE	CO	CO	07/14/2008 to 01/09/2009	2017043	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LONGMONT AV (NW CORNER)	DUARTE	CO	CO	07/14/2008 to 01/09/2009	2017107	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LONGMONT AV (NE CORNER)	DUARTE	CO	CO	07/14/2008 to 01/09/2009	2017108	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DORIS AV (NW CORNER)	WILLARD AVE	CO	CO	07/14/2008 to 01/09/2009	2017119	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV (NW CORNER)	LITTLESTONE	CO	CO	07/14/2008 to 01/09/2009	2018285	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL MAR AV (SW CORNER)	LA MERCED	CO	CO	07/14/2008 to 01/09/2009	2020193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REDDING AV (SW CORNER)	DEL MAR	CO	CO	07/14/2008 to 01/09/2009	2020200	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL MAR AV (SE CORNER)	REDDING	CO	CO	07/14/2008 to 01/09/2009	2020203	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL DR (NE CORNER)	KENNYDALE	CO	CO	07/14/2008 to 01/09/2009	2020220	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (NE CORNER)	HILL	CO	CO	07/14/2008 to 01/09/2009	2020221	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DELTA ST (NE CORNER)	YARROW	CO	CO	07/14/2008 to 01/09/2009	2020237	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LERIDA PL (NE CORNER)	CUL-DE-SAC	CO	CO	07/14/2008 to 01/09/2009	2020285	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (SE CORNER)	DARLINGTON	CO	CO	07/14/2008 to 01/09/2009	2021013	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (NE CORNER)	DARLINGTON	CO	CO	07/14/2008 to 01/09/2009	2021014	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT GROVE AV (SE CORNER)	CAMETA DR	CO	CO	07/14/2008 to 01/09/2009	2021026	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT GROVE AV (NE CORNER)	DRAYER	CO	CO	07/14/2008 to 01/09/2009	2021027	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DRAYER LN (NE CORNER)	WALNUT GROVE	CO	CO	07/14/2008 to 01/09/2009	2021029	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (SE CORNER)	HILL	CO	CO	07/14/2008 to 01/09/2009	2021032	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TEMPLE CITY BLVD (NW CORNER)	NAOMI AVE	CO	CO	07/14/2008 to 01/09/2009	2070073	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TEMPLE CITY BLVD (NE CORNER)	NAOMI AVE	CO	CO	07/14/2008 to 01/09/2009	2070075	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N OAK AV (NE CORNER)	NAOMI AVE	CO	CO	07/14/2008 to 01/09/2009	2070077	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N OAK AV (NW CORNER)	ARDENDALE AVE	CO	CO	07/14/2008 to 01/09/2009	2070095	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EMPEROR AV (NE CORNER)	GOLDEN WEST	CO	CO	07/14/2008 to 01/09/2009	2070114	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (S CORNER)	LYNROSE AVE	CO	CO	07/14/2008 to 01/09/2009	2120177	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LIVE OAK AV (N CORNER)	8TH AVE	CO	CO	07/14/2008 to 01/09/2009	2120222	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LIVE OAK AV (S CORNER)	8TH AVE	CO	CO	07/14/2008 to 01/09/2009	2120223	305	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LIVE OAK AV (S CORNER)	8TH AVE	CO	CO	07/14/2008 to 01/09/2009	2120224	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOSS AV (W CORNER)	E LIVE OAK AVE	CO	CO	07/14/2008 to 01/09/2009	2120225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOSS AV (E CORNER)	E LIVE OAK AVE	CO	CO	07/14/2008 to 01/09/2009	2120226	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LIVE OAK AV (N CORNER)	FOSS AVE	CO	CO	07/14/2008 to 01/09/2009	2120227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LIVE OAK AV (S CORNER)	CENTER ST	CO	CO	07/14/2008 to 01/09/2009	2120228	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	9TH AV (S CORNER)	E LIVE OAK AVE	CO	CO	07/14/2008 to 01/09/2009	2120229	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HODGES AV (S CORNER)	E LIVE OAK AVE	CO	CO	07/14/2008 to 01/09/2009	2120230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	10TH AV (W CORNER)	E LIVE OAK AVE	CO	CO	07/14/2008 to 01/09/2009	2120231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	10TH AV (E CORNER)	E LIVE OAK AVE	CO	CO	07/14/2008 to 01/09/2009	2120232	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E LIVE OAK AV (N CORNER)	TENTH AVE	CO	CO	07/14/2008 to 01/09/2009	2120233	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LIVE OAK AV (N CORNER)		CO	CO	07/14/2008 to 01/09/2009	2120234	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MAYFLOWER AV (W CORNER)	E LIVE OAK AVE	CO	CO	07/14/2008 to 01/09/2009	2120235	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LIVE OAK AV (E CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120236	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYFLOWER AVE (E CORNER)	ASHMONT	CO	CO	07/14/2008 to 01/09/2009	2120237	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ASHMONT AV (S CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120238	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ASHMONT AV (N CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120239	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MAYFLOWER AV (E CORNER)	ASHMONT	CO	CO	07/14/2008 to 01/09/2009	2120240	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LARKFIELD AV (S CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LARKFIELD AV (N CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120243	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MAYFLOWER AV (E CORNER)	LARKFIELD	CO	CO	07/14/2008 to 01/09/2009	2120244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BIRCHCROFT ST (S CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120245	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BIRCHCROFT ST (N CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120246	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MAYFLOWER AV (W CORNER)	BIRCHCROFT	CO	CO	07/14/2008 to 01/09/2009	2120247	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LONGDEN AV (S CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LONGDEN AV (S CORNER)		CO	CO	07/14/2008 to 01/09/2009	2120249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LONGDEN AV (N CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120250	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MAYFLOWER AV (W CORNER)	LONGDEN AVE	CO	CO	07/14/2008 to 01/09/2009	2120251	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MAYFLOWER AV (E CORNER)		CO	CO	07/14/2008 to 01/09/2009	2120252	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MAYFLOWER AV (E CORNER)	LONGDEN AVE	CO	CO	07/14/2008 to 01/09/2009	2120253	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LONGDEN AV (N CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120254	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LONGDEN AV (S CORNER)	MAYFLOWER	CO	CO	07/14/2008 to 01/09/2009	2120255	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LONGDEN AV (S CORNER)		CO	CO	07/14/2008 to 01/09/2009	2120256	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DAINES DR (N CORNER)	SANTA ANITA AVE	CO	CO	07/14/2008 to 01/09/2009	2121030	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FREER ST (S CORNER)	TYLER AVE	CO	CO	07/14/2008 to 01/09/2009	2121060	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (NW CORNER)	121ST	CO	CO	07/14/2008 to 01/09/2009	1756368	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (SE CORNER)	121ST	CO	CO	07/14/2008 to 01/09/2009	1756369		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (SE CORNER)	121ST	CO	CO	07/14/2008 to 01/09/2009	1756371		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (SW CORNER)	121ST	CO	CO	07/14/2008 to 01/09/2009	1756372		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (SW CORNER)	121	CO	CO	07/14/2008 to 01/09/2009	1756373		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIPOSA (NW CORNER)	CATHERINE	CO	CO	07/14/2008 to 01/09/2009	1907335	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL DR (NW CORNER)	KENNYDALE	CO	CO	07/14/2008 to 01/09/2009	2021148	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AVE (NW CORNER)	E 121ST PL	CO	CO	07/14/2008 to 01/09/2009	1755402		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E VICTORIA ST (NORTH)	S SUSANNA RD	CO	CO	07/14/2008 to 01/09/2009	1813156	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AVE (NW CORNER)	W LOMA ALTA DR	CO	CO	07/14/2008 to 01/09/2009	1906266	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (SOUTH)	N GARFIELD AVE	CO	CO	07/14/2008 to 01/09/2009	1907336		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (SE CORNER)	LAS HERMANAS ST	CO	CO	07/14/2008 to 01/09/2009	1813081	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GARFIELD AVE (NE CORNER)	ALAMEDA ST	CO	CO	07/14/2008 to 01/09/2009	1907067		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MAR VISTA AVE (NE CORNER)	BEVERLY WY	CO	CO	07/14/2008 to 01/09/2009	1961058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KINCLAIR DR (NORTH)	CRYSTAL LN	CO	CO	07/14/2008 to 01/09/2009	2014093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ARIZONA AVE (SE CORNER)	CESAR E CHAVEZ AVE	CO	CO	07/14/2008 to 01/09/2009	1914061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MAR VISTA AVE (SW CORNER)	E MARIPOSA ST	CO	CO	07/14/2008 to 01/09/2009	1961062		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BANDINI (NW CORNER)	SIERRA PINE/DOWNNEY	CO	CO	07/29/2010 to 01/19/2011	1806161		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROCKY MESA PL (E CORNER)	END OF ST	CO	CO	08/08/2005 to 01/24/2006	1187001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY CIRCLE BLVD (NW CORNER)	HARTLAND ST	CO	CO	08/08/2005 to 01/24/2006	1189006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE CT (NW CORNER)	VALLEY CIRCLE BLVD	CO	CO	08/08/2005 to 01/24/2006	1189008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE CT (SW CORNER)	VALLEY CIRCLE BLVD	CO	CO	08/08/2005 to 01/24/2006	1189009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY CIRCLE BLVD (SW CORNER)	VANOWEN ST	CO	CO	08/08/2005 to 01/24/2006	1189011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY CIRCLE BLVD (SW CORNER)	WELBY WY	CO	CO	08/08/2005 to 01/24/2006	1189012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORIE LN (NE CORNER)	VALLEY CIRCLE BLVD	CO	CO	08/08/2005 to 01/24/2006	1189013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORIE LN (NW CORNER)	VALLEY CIRCLE BLVD	CO	CO	08/08/2005 to 01/24/2006	1189014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JULIE LN (NW CORNER)	KITTRIDGE ST	CO	CO	08/08/2005 to 01/24/2006	1189029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DARYN DR (NE CORNER)	KITTRIDGE ST	CO	CO	08/08/2005 to 01/24/2006	1189035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICKIVIEW DR (NW CORNER)	KITTRIDGE ST	CO	CO	08/08/2005 to 01/24/2006	1189038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKWAY CALABASAS (NE CORNER)	SCHUMACHER RD	CO	CO	08/08/2005 to 01/24/2006	1191061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKWAY CALABASAS (NW CORNER)	SCHUMACHER RD	CO	CO	08/08/2005 to 01/24/2006	1191062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKWAY CALABASAS (E CORNER)	N OF VENTURA BLVD	CO	CO	08/08/2005 to 01/24/2006	1191063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKWAY CALABASAS (W CORNER)	N OF VENTURA BLVD	CO	CO	08/08/2005 to 01/24/2006	1191064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VENTURA BLVD (NW CORNER)	PARKWAY CALABASAS	CO	CO	08/08/2005 to 01/24/2006	1191191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MACODA LN (NE CORNER)	ANNEPE WY	CO	CO	08/08/2005 to 01/24/2006	1224001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MACODA LN (NW CORNER)	ANNEPE WY	CO	CO	08/08/2005 to 01/24/2006	1224002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IVERSON RD (W CORNER)	N OF ZALTANA ST	CO	CO	08/08/2005 to 01/24/2006	1224003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IVERSON RD (E CORNER)	N OF ZALTANA ST	CO	CO	08/08/2005 to 01/24/2006	1224004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IVERSON RD (W CORNER)	N OF ZALTANA ST	CO	CO	08/08/2005 to 01/24/2006	1224005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IVERSON RD (E CORNER)	N OF ZALTANA ST	CO	CO	08/08/2005 to 01/24/2006	1224006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IVERSON RD (NW CORNER)	ZALTANA ST	CO	CO	08/08/2005 to 01/24/2006	1224007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IVERSON RD (NE CORNER)	ZALTANA ST	CO	CO	08/08/2005 to 01/24/2006	1224008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ZALTANA ST (NW CORNER)	IVERSON RD	CO	CO	08/08/2005 to 01/24/2006	1224009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ZALTANA ST (N CORNER)	W OF IVERSON RD	CO	CO	08/08/2005 to 01/24/2006	1224010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ZALTANA ST (N CORNER)	W OF IVERSON RD	CO	CO	08/08/2005 to 01/24/2006	1224011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	ZALTANA ST (SW CORNER)	IVERSON RD	CO	CO	08/08/2005 to 01/24/2006	1224012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ZALTANA ST (S CORNER)	W OF IVERSON RD	CO	CO	08/08/2005 to 01/24/2006	1224013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ZALTANA ST (S CORNER)	W OF IVERSON RD	CO	CO	08/08/2005 to 01/24/2006	1224014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KANAINA CT (E CORNER)	E OF LA QUILLA DR	CO	CO	08/08/2005 to 01/24/2006	1224027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POEMA PL (W CORNER)	N OF TOPANGA CYN BLVD	CO	CO	08/08/2005 to 01/24/2006	1224028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POEMA PL (E CORNER)	N OF TOPANGA CYN BLVD	CO	CO	08/08/2005 to 01/24/2006	1224029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POEMA PL (W CORNER)	N OF TOPANGA CYN BLVD	CO	CO	08/08/2005 to 01/24/2006	1224032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POEMA PL (W CORNER)	N OF TOPANGA CYN BLVD	CO	CO	08/08/2005 to 01/24/2006	1224033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POEMA PL (W CORNER)	N OF TOPANGA CYN BLVD	CO	CO	08/08/2005 to 01/24/2006	1224034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POEMA PL (E CORNER)	N OF TOPANGA CYN BLVD	CO	CO	08/08/2005 to 01/24/2006	1224035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POEMA PL (E CORNER)	N OF TOPANGA CYN BLVD	CO	CO	08/08/2005 to 01/24/2006	1224036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODLAND CREST DR (SE CORNER)	TOPANGA CYN BLVD	CO	CO	08/08/2005 to 01/24/2006	1231021	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODLAND CREST DR (SW CORNER)	ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODLAND CREST DR (NW CORNER)	ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODLAND CREST DR (NE CORNER)	ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODLAND CREST DR (SE CORNER)	ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODLAND CREST DR (NE CORNER)	ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMBAR DR (NE CORNER)	ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMBAR DR (SE CORNER)	ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMBAR DR (S CORNER)	E OF ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ULMUS DR (SE CORNER)	ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231182	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ULMUS DR (NE CORNER)	ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAYWOOD ST (N CORNER)	W OF PAXTON	CO	CO	08/08/2005 to 01/24/2006	1467080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAYWOOD ST (NW CORNER)	W OF PAXTON	CO	CO	08/08/2005 to 01/24/2006	1467081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAYWOOD ST (S CORNER)	W OF PAXTON	CO	CO	08/08/2005 to 01/24/2006	1467082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAYWOOD ST (SW CORNER)	W OF PAXTON	CO	CO	08/08/2005 to 01/24/2006	1467083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	W 87TH ST	CO	CO	08/08/2005 to 01/24/2006	1699123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (NW CORNER)	W 87TH ST	CO	CO	08/08/2005 to 01/24/2006	1699134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	W 87TH ST	CO	CO	08/08/2005 to 01/24/2006	1699137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SW CORNER)	W 97TH ST	CO	CO	08/08/2005 to 01/24/2006	1699198	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SE CORNER)	W 97TH ST	CO	CO	08/08/2005 to 01/24/2006	1699199	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (W CORNER)	W 97TH ST	CO	CO	08/08/2005 to 01/24/2006	1699203	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 97TH ST (NW CORNER)	VERMONT AV	CO	CO	08/08/2005 to 01/24/2006	1699204	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 97TH ST (SW CORNER)	VERMONT AV	CO	CO	08/08/2005 to 01/24/2006	1699205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (W CORNER)	W 97TH ST	CO	CO	08/08/2005 to 01/24/2006	1699206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTURY BLVD (SW CORNER)	VERMONT AV	CO	CO	08/08/2005 to 01/24/2006	1699231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTURY BLVD (SW CORNER)	VERMONT AV	CO	CO	08/08/2005 to 01/24/2006	1699232	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	CENTURY BLVD	CO	CO	08/08/2005 to 01/24/2006	1699234	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (W CORNER)	CENTURY BLVD	CO	CO	08/08/2005 to 01/24/2006	1699235	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (NW CORNER)	W 103RD ST	CO	CO	08/08/2005 to 01/24/2006	1699254	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (W CORNER)	W 103RD ST	CO	CO	08/08/2005 to 01/24/2006	1699255	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W CENTURY AV (NW CORNER)	S VERMONT AV	CO	CO	08/08/2005 to 01/24/2006	1699368	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	W 104TH ST	CO	CO	08/08/2005 to 01/24/2006	1700109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	W 106TH ST	CO	CO	08/08/2005 to 01/24/2006	1700110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	W 106TH ST	CO	CO	08/08/2005 to 01/24/2006	1700120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 122ND ST (NW CORNER)	S SAN PEDRO ST	CO	CO	08/08/2005 to 01/24/2006	1701002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	122ND ST (SW CORNER)	S SAN PEDRO ST	CO	CO	08/08/2005 to 01/24/2006	1701003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	122ND ST (N CORNER)	E OF S SAN PEDRO ST	CO	CO	08/08/2005 to 01/24/2006	1701007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 122ND ST (SE CORNER)	S SAN PEDRO ST	CO	CO	08/08/2005 to 01/24/2006	1701008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	126TH ST (NW CORNER)	S SAN PEDRO ST	CO	CO	08/08/2005 to 01/24/2006	1701010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	126TH ST (SW CORNER)	S SAN PEDRO ST	CO	CO	08/08/2005 to 01/24/2006	1701011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	126TH ST (N CORNER)	E OF S SAN PEDRO ST	CO	CO	08/08/2005 to 01/24/2006	1701015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	126TH ST (S CORNER)	E OF S SAN PEDRO ST	CO	CO	08/08/2005 to 01/24/2006	1701016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	131ST ST (N CORNER)	E OF S SAN PEDRO ST	CO	CO	08/08/2005 to 01/24/2006	1701041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	131ST ST (S CORNER)	E OF S SAN PEDRO ST	CO	CO	08/08/2005 to 01/24/2006	1701042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	FLORENCE AV	CO	CO	08/08/2005 to 01/24/2006	1753024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 70TH ST (SE CORNER)	COMPTON AV	CO	CO	08/08/2005 to 01/24/2006	1753026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	70TH ST (NE CORNER)	COMPTON AV	CO	CO	08/08/2005 to 01/24/2006	1753027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (NE CORNER)	73RD ST	CO	CO	08/08/2005 to 01/24/2006	1753105	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 82ND PL	CO	CO	08/08/2005 to 01/24/2006	1753402	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 82ND PL (NE CORNER)	COMPTON AV	CO	CO	08/08/2005 to 01/24/2006	1753404	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (NE CORNER)	85TH ST	CO	CO	08/08/2005 to 01/24/2006	1754062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 120TH ST	CO	CO	08/08/2005 to 01/24/2006	1755295	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	120TH ST (SE CORNER)	COMPTON AV	CO	CO	08/08/2005 to 01/24/2006	1755309	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (E CORNER)	GLENN ANDER FWY	CO	CO	08/08/2005 to 01/24/2006	1755310	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (N CORNER)	SLATER AV	CO	CO	08/08/2005 to 01/24/2006	1756060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (S CORNER)	SLATER AV	CO	CO	08/08/2005 to 01/24/2006	1756061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (NW CORNER)	EL SEGUNDO BLVD	CO	CO	08/08/2005 to 01/24/2006	1756077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (SW CORNER)	EL SEGUNDO BLVD	CO	CO	08/08/2005 to 01/24/2006	1756080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (NE CORNER)	MCKINLEY AV	CO	CO	08/08/2005 to 01/24/2006	1756125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E 136TH ST (SW CORNER)	MCKINLEY AV	CO	CO	08/08/2005 to 01/24/2006	1756192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (NW CORNER)	SANTA FE AV	CO	CO	08/08/2005 to 01/24/2006	1808238	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (NW CORNER)	CUDAHY ST	CO	CO	08/08/2005 to 01/24/2006	1808247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (NE CORNER)	CUDAHY ST	CO	CO	08/08/2005 to 01/24/2006	1808248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUDAHY ST (SE CORNER)	S SANTA FE AVE	CO	CO	08/08/2005 to 01/24/2006	1808249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUDAHY ST (NE CORNER)	S SANTA FE AVE	CO	CO	08/08/2005 to 01/24/2006	1808250	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUDAHY ST (SW CORNER)	LONG BEACH BLVD	CO	CO	08/08/2005 to 01/24/2006	1808252	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUDAHY ST (SW CORNER)	SEVILLE AV	CO	CO	08/08/2005 to 01/24/2006	1808258	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUDAHY ST (NW CORNER)	SEVILLE AV	CO	CO	08/08/2005 to 01/24/2006	1808259	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUDAHY ST (NE CORNER)	SEVILLE AV	CO	CO	08/08/2005 to 01/24/2006	1808264	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUDAHY ST (SE CORNER)	SEVILLE AV	CO	CO	08/08/2005 to 01/24/2006	1808265	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ALAMEDA ST (NW CORNER)	SANTA ANA BLVD N	CO	CO	08/08/2005 to 01/24/2006	1810152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA FE AV (SW CORNER)	REYES AV	CO	CO	08/08/2005 to 01/24/2006	1813073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA FE AV (NW CORNER)	REYES AV	CO	CO	08/08/2005 to 01/24/2006	1813074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUSANA RD (W CORNER)	S OF LAS HERMANAS ST	CO	CO	08/08/2005 to 01/24/2006	1813082	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUSANA RD (E CORNER CORNER)	S OF PACIFIC COMMERCE DR	CO	CO	08/08/2005 to 01/24/2006	1814083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROWAN AV (E CORNER)	N OF DE GARMO DR	CO	CO	08/08/2005 to 01/24/2006	1859084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BONNIE BEACH PL (SW CORNER)	MEDFORD ST	CO	CO	08/08/2005 to 01/24/2006	1859094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BONNIE BEACH PL (SE CORNER)	MEDFORD ST	CO	CO	08/08/2005 to 01/24/2006	1859095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BONNIE BEACH PL (NE CORNER)	MEDFORD ST	CO	CO	08/08/2005 to 01/24/2006	1859096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIANNA AV (NW CORNER)	MEDFORD ST	CO	CO	08/08/2005 to 01/24/2006	1859109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIANNA AV (NW CORNER)	MEDFORD ST	CO	CO	08/08/2005 to 01/24/2006	1859110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIANNA AV (NE CORNER)	MEDFORD ST	CO	CO	08/08/2005 to 01/24/2006	1859111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EASTERN AV (NW CORNER)	MARNEY AV	CO	CO	08/08/2005 to 01/24/2006	1859112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTERN AV (NE CORNER)	MARNEY AV	CO	CO	08/08/2005 to 01/24/2006	1859116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAGE AV (NE CORNER)	FLORAL DR	CO	CO	08/08/2005 to 01/24/2006	1860013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIANNA AV (W CORNER)	CAPISTANO WY	CO	CO	08/08/2005 to 01/24/2006	1860076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BONNIE BEACH PL (NW CORNER)	MICHIGAN AV	CO	CO	08/08/2005 to 01/24/2006	1860087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BONNIE BEACH PL (SW CORNER)	MICHIGAN AV	CO	CO	08/08/2005 to 01/24/2006	1860088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 1ST ST (SW CORNER)	SUNOL DR	CO	CO	08/08/2005 to 01/24/2006	1860099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 1ST ST (NW CORNER)	SUNOL DR	CO	CO	08/08/2005 to 01/24/2006	1860100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNOL DR (NW CORNER)	E 1ST ST	CO	CO	08/08/2005 to 01/24/2006	1860101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNOL DR (NE CORNER)	E 1ST ST	CO	CO	08/08/2005 to 01/24/2006	1860102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 1ST ST (NE CORNER)	SUNOL DR	CO	CO	08/08/2005 to 01/24/2006	1860103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 1ST ST (SE CORNER)	SUNOL DR	CO	CO	08/08/2005 to 01/24/2006	1860104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 1ST ST (S CORNER)	EASTERN AV	CO	CO	08/08/2005 to 01/24/2006	1860108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (NW CORNER)	ALMA AV	CO	CO	08/08/2005 to 01/24/2006	1860124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HICKS AV (SW CORNER)	CESAR CHAVEZ AV	CO	CO	08/08/2005 to 01/24/2006	1860127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (NW CORNER)	HICKS AV	CO	CO	08/08/2005 to 01/24/2006	1860130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNSEND AV (NE CORNER)	CESAR CHAVEZ AV	CO	CO	08/08/2005 to 01/24/2006	1860141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNSEND AV (SE CORNER)	CESAR CHAVEZ AV	CO	CO	08/08/2005 to 01/24/2006	1860144	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMA AV (W CORNER)	S OF MICHIGAN AV	CO	CO	08/08/2005 to 01/24/2006	1860160	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMA AV (E CORNER)	E 1ST ST	CO	CO	08/08/2005 to 01/24/2006	1860161	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HICKS AV (W CORNER)	S OF MICHIGAN AV	CO	CO	08/08/2005 to 01/24/2006	1860162	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HICKS AV (E CORNER)	S OF MICHIGAN AV	CO	CO	08/08/2005 to 01/24/2006	1860163	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (SE CORNER)	GAGE AV	CO	CO	08/08/2005 to 01/24/2006	1860281	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNSEND AV (SW CORNER)	CESAR CHAVEZ AV	CO	CO	08/08/2005 to 01/24/2006	1860290	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BURGER AV (W CORNER)	VERONA ST	CO	CO	08/08/2005 to 01/24/2006	1861023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BURGER AV (E CORNER)	MINES ST	CO	CO	08/08/2005 to 01/24/2006	1861025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINES ST (SW CORNER)	FORD BLVD	CO	CO	08/08/2005 to 01/24/2006	1861027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIANNA AV (NW CORNER)	TELEGRAPH RD	CO	CO	08/08/2005 to 01/24/2006	1861046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD (NE CORNER)	MARIANNA AV	CO	CO	08/08/2005 to 01/24/2006	1861047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAGE AV (E CORNER)	DENNISON ST	CO	CO	08/08/2005 to 01/24/2006	1861120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	UNION PACIFIC AV (NE CORNER)	INDIANA ST	CO	CO	08/08/2005 to 01/24/2006	1861133	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HICKS AV (NE CORNER)	UNION PACIFIC AV	CO	CO	08/08/2005 to 01/24/2006	1861137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (E CORNER)	N GLENROSE AVE	CO	CO	08/08/2005 to 01/24/2006	1907006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RAYMOND AVE (NW CORNER)	E WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NE CORNER)	N RAYMOND AVE	CO	CO	08/08/2005 to 01/24/2006	1907011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (SE CORNER)	N RAYMOND AVE	CO	CO	08/08/2005 to 01/24/2006	1907012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (SE CORNER)	SUMMIT AVE	CO	CO	08/08/2005 to 01/24/2006	1907015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUMMIT AVE (NW CORNER)	E WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NE CORNER)	SUMMIT AVE	CO	CO	08/08/2005 to 01/24/2006	1907017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NE CORNER)	SUMMIT AVE	CO	CO	08/08/2005 to 01/24/2006	1907018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUMMIT AVE (NE CORNER)	E WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907019	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (SW CORNER)	MARENGO AVE	CO	CO	08/08/2005 to 01/24/2006	1907020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NW CORNER)	MARENGO AVE	CO	CO	08/08/2005 to 01/24/2006	1907021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SACRAMENTO ST (SW CORNER)	MARENGO AVE	CO	CO	08/08/2005 to 01/24/2006	1907023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SACRAMENTO ST (NW CORNER)	MARENGO AVE	CO	CO	08/08/2005 to 01/24/2006	1907024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SACRAMENTO ST (S CORNER)	SANTA ANITA AVE	CO	CO	08/08/2005 to 01/24/2006	1907028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SACRAMENTO ST (S CORNER)	SANTA ANITA AVE	CO	CO	08/08/2005 to 01/24/2006	1907029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E SACRAMENTO ST (NW CORNER)	SANTA ANITA AVE	CO	CO	08/08/2005 to 01/24/2006	1907030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AVE (NE CORNER)	EE WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTA PASA DR (SW CORNER)	E WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GARFIELD AVE (SW CORNER)	E WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODBURY RD (MEDIAN)	ALTA PASA DR	CO	CO	08/08/2005 to 01/24/2006	1907040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (SW CORNER)	N GARFIELD AVE	CO	CO	08/08/2005 to 01/24/2006	1907041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (SE CORNER)	N GARFIELD AVE	CO	CO	08/08/2005 to 01/24/2006	1907042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (SE CORNER)	N GARFIELD AVE	CO	CO	08/08/2005 to 01/24/2006	1907043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NW CORNER)	SANTA ANITA AVE	CO	CO	08/08/2005 to 01/24/2006	1907044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALAVERAS ST (S CORNER)	RAYMOND AVE	CO	CO	08/08/2005 to 01/24/2006	1907050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALAVERAS ST (NE CORNER)	RAYMOND AVE	CO	CO	08/08/2005 to 01/24/2006	1907051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RAYMOND AVE (NW CORNER)	E CALAVERAS ST	CO	CO	08/08/2005 to 01/24/2006	1907052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RAYMOND AVE (NW CORNER)	E CALAVERAS ST	CO	CO	08/08/2005 to 01/24/2006	1907053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (SE CORNER)	N RAYMOND AVE	CO	CO	08/08/2005 to 01/24/2006	1907058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALAVERAS ST (NE CORNER)	MARENGO AVE	CO	CO	08/08/2005 to 01/24/2006	1907059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (SW CORNER)	MARENGO AVE	CO	CO	08/08/2005 to 01/24/2006	1907060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDOCINO ST (NE CORNER)	OLIVERAS ST	CO	CO	08/08/2005 to 01/24/2006	1907071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MENDOCINO ST (NE CORNER)	SANTA ANITA AVE	CO	CO	08/08/2005 to 01/24/2006	1907075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (SW CORNER)	SANTA ANITA AVE	CO	CO	08/08/2005 to 01/24/2006	1907084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALAVERAS ST (NW CORNER)	CATHERINE RD	CO	CO	08/08/2005 to 01/24/2006	1907088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALAVERAS ST (S CORNER)	CATHERINE RD	CO	CO	08/08/2005 to 01/24/2006	1907094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLMAN ST (E CORNER)	SANTA ROSA AV	CO	CO	08/08/2005 to 01/24/2006	1907099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (NE CORNER)	SANTA ROSA AVE	CO	CO	08/08/2005 to 01/24/2006	1907102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (NE CORNER)	SANTA ROSA AVE	CO	CO	08/08/2005 to 01/24/2006	1907103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (SW CORNER)	SANTA ROSA AVE	CO	CO	08/08/2005 to 01/24/2006	1907104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (NE CORNER)	EL MOLINO AVE	CO	CO	08/08/2005 to 01/24/2006	1907106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (S CORNER)	N EL MOLINO AVE	CO	CO	08/08/2005 to 01/24/2006	1907108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (NW CORNER)	N EL MOLINO AVE	CO	CO	08/08/2005 to 01/24/2006	1907109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (S CORNER)	SANTA ROSA AVE	CO	CO	08/08/2005 to 01/24/2006	1907112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (SE CORNER)	N EL MOLINO AVE	CO	CO	08/08/2005 to 01/24/2006	1907113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MORADA PL (SE CORNER)	N EL MOLINO AVE	CO	CO	08/08/2005 to 01/24/2006	1907115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EL MOLINO AVE (NW CORNER)	E WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL MOLINO AVE (NE CORNER)	WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907117	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (SE CORNER)	N EL MOLINO AVE	CO	CO	08/08/2005 to 01/24/2006	1907118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (NE CORNER)	N EL MOLINO AVE	CO	CO	08/08/2005 to 01/24/2006	1907119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SACRAMENTO ST (SE CORNER)	EL MOLINO AVE	CO	CO	08/08/2005 to 01/24/2006	1907121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODBURY RD (NE CORNER)	MADISON AVE	CO	CO	08/08/2005 to 01/24/2006	1907128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NW CORNER)	SANTA ROSA AVE	CO	CO	08/08/2005 to 01/24/2006	1907130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ROSA AVE (NW CORNER)	E WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907131	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ROSA AVE (NE CORNER)	WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NW CORNER)	N GARFIELD AVE	CO	CO	08/08/2005 to 01/24/2006	1907136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VENTURA ST (NE CORNER)	GLENROSE AVE	CO	CO	08/08/2005 to 01/24/2006	1907140	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW ST (SW CORNER)	N OLIVE AVE	CO	CO	08/08/2005 to 01/24/2006	1907148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AVE (NE CORNER)	FIGUEROA DR	CO	CO	08/08/2005 to 01/24/2006	1907153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (NE CORNER)	CANYADA AVE	CO	CO	08/08/2005 to 01/24/2006	1907156	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (NE CORNER)	SAINT PIERRE AVE	CO	CO	08/08/2005 to 01/24/2006	1907157	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASITAS AVE (NE CORNER)	FIGUEROA DR	CO	CO	08/08/2005 to 01/24/2006	1907162	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASITAS AVE (NE CORNER)	FIGUEROA DR	CO	CO	08/08/2005 to 01/24/2006	1907163	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASITAS AVE (NW CORNER)	FIGUEROA DR	CO	CO	08/08/2005 to 01/24/2006	1907165	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (NE CORNER)	N GLENROSE AVE	CO	CO	08/08/2005 to 01/24/2006	1907182	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (NW CORNER)	N GLENROSE AVE	CO	CO	08/08/2005 to 01/24/2006	1907186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASITAS AVE (SE CORNER)	W WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1907216	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WOODBURY RD (NW CORNER)	CASITAS AVE	CO	CO	08/08/2005 to 01/24/2006	1907217	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (NW CORNER)	N EL SOL AVE	CO	CO	08/08/2005 to 01/24/2006	1907221	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (SE CORNER)	N WINDSOR	CO	CO	08/08/2005 to 01/24/2006	1907222	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NE CORNER)	N EL MOLINO AVE	CO	CO	08/08/2005 to 01/24/2006	1907296	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (SE CORNER)	RAYMOND LN	CO	CO	08/08/2005 to 01/24/2006	1907323	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	1ST ST (N CORNER)	VANCOUVER AV	CO	CO	08/08/2005 to 01/24/2006	1914081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	1ST ST (S CORNER)	VANCOUVER AV	CO	CO	08/08/2005 to 01/24/2006	1914082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIC BLVD (SE CORNER)	ARIZONA AV	CO	CO	08/08/2005 to 01/24/2006	1915141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIC BLVD (NE CORNER)	ARIZONA AV	CO	CO	08/08/2005 to 01/24/2006	1915142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GOODRICH BLVD (SW CORNER)	OLYMPIC BLVD	CO	CO	08/08/2005 to 01/24/2006	1915185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GOODRICH BLVD (NW CORNER)	UNION PACIFIC AV	CO	CO	08/08/2005 to 01/24/2006	1915204	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODBURY RD (S CORNER)	LAKE AVE	CO	CO	08/08/2005 to 01/24/2006	1961140	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (W CORNER)	WOODBURY RD	CO	CO	08/08/2005 to 01/24/2006	1961143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODBURY RD (NW CORNER)	LAKE AV	CO	CO	08/08/2005 to 01/24/2006	1961144	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROOSEVELT AVE (W CORNER)	NEW YORK DR	CO	CO	08/08/2005 to 01/24/2006	1961206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDLOTHIAN DR (NW CORNER)	NEW YORK DR	CO	CO	08/08/2005 to 01/24/2006	1961217	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (SW CORNER)	N ALLEN AVE	CO	CO	08/08/2005 to 01/24/2006	1961221	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRAIG AV (NW CORNER)	OAKDALE ST	CO	CO	08/08/2005 to 01/24/2006	1963022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	CRAIG AV (W CORNER)	OAKDALE ST	CO	CO	08/08/2005 to 01/24/2006	1963023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRAIG AV (E CORNER)	OAKDALE ST	CO	CO	08/08/2005 to 01/24/2006	1963024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAK AV (E CORNER)	OAKDALE ST	CO	CO	08/08/2005 to 01/24/2006	1963025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSE VILLA ST (SW CORNER)	CRAIG AV	CO	CO	08/08/2005 to 01/24/2006	1963029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRAIG AV (NE CORNER)	ROSE VILLA ST	CO	CO	08/08/2005 to 01/24/2006	1963032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (S CORNER)	SIERRA VISTA AV	CO	CO	08/08/2005 to 01/24/2006	1963245	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (SE CORNER)	SIERRA VISTA AV	CO	CO	08/08/2005 to 01/24/2006	1963246	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (N CORNER)	SIERRA VISTA AV	CO	CO	08/08/2005 to 01/24/2006	1963247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	OAK ST	CO	CO	08/08/2005 to 01/24/2006	1963248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	CRAIG AV	CO	CO	08/08/2005 to 01/24/2006	1963250	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NE CORNER)	CRAIG AV	CO	CO	08/08/2005 to 01/24/2006	1963254	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	SAN MARINO AVE	CO	CO	08/08/2005 to 01/24/2006	1963256	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (S CORNER)	CRAIG AV	CO	CO	08/08/2005 to 01/24/2006	1963257	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BLVD (S CORNER)	FOOTHILL FWY	CO	CO	08/08/2005 to 01/24/2006	2015158	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARBOLEDA ST (NW CORNER)	210 ON RAMP	CO	CO	08/08/2005 to 01/24/2006	2015159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (SE CORNER)	YORKSHIRE RD	CO	CO	08/08/2005 to 01/24/2006	2016027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	YORKSHIRE RD (SW CORNER)	S LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (NW CORNER)	YORKSHIRE RD	CO	CO	08/08/2005 to 01/24/2006	2016029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (NE CORNER)	YORKSHIRE RD	CO	CO	08/08/2005 to 01/24/2006	2016030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAYBURN RD (SW CORNER)	S LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (NW CORNER)	GRAYBURN RD	CO	CO	08/08/2005 to 01/24/2006	2016032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (NE CORNER)	GRAYBURN RD	CO	CO	08/08/2005 to 01/24/2006	2016033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THORNDALE RD (SW CORNER)	S LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (NW CORNER)	THORNDALE RD	CO	CO	08/08/2005 to 01/24/2006	2016035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (NE CORNER)	THORNDALE RD	CO	CO	08/08/2005 to 01/24/2006	2016036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW (SW CORNER)	S LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (NW CORNER)	MOUNTAIN VIEW	CO	CO	08/08/2005 to 01/24/2006	2016038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (NE CORNER)	MOUNTAIN VIEW	CO	CO	08/08/2005 to 01/24/2006	2016039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DEL MAR BLVD (SW CORNER)	S LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DEL MAR BLVD (NW CORNER)	S LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (NW CORNER)	E DEL MAR BLVD	CO	CO	08/08/2005 to 01/24/2006	2016042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE (NE CORNER)	E DEL MAR BLVD	CO	CO	08/08/2005 to 01/24/2006	2016043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILTON ST (SW CORNER)	S LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILTON ST (NW CORNER)	S LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DEL MAR BLVD (NW CORNER)	BACKUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DEL MAR BLVD (SW CORNER)	BACKUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BACKUS AVE (NW CORNER)	E DEL MAR BLVD	CO	CO	08/08/2005 to 01/24/2006	2016048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BACKUS AVE (NE CORNER)	E DEL MAR BLVD	CO	CO	08/08/2005 to 01/24/2006	2016049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DEL MAR BLVD (NW CORNER)	S ROSEMEAD BLVD	CO	CO	08/08/2005 to 01/24/2006	2016050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DEL MAR BLVD (SW CORNER)	S ROSEMEAD BLVD	CO	CO	08/08/2005 to 01/24/2006	2016051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMEAD BLVD (W CORNER)	YORKSHIRE RD	CO	CO	08/08/2005 to 01/24/2006	2016055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMEAD BLVD (W CORNER)	YORKSHIRE RD	CO	CO	08/08/2005 to 01/24/2006	2016056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MERLON AV (W CORNER)	GREEN ST	CO	CO	08/08/2005 to 01/24/2006	2016061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLORADO BLVD (NE CORNER)	QUIGLEY AV	CO	CO	08/08/2005 to 01/24/2006	2016062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	QUIGLEY AV (NE CORNER)	COLORADO BLVD	CO	CO	08/08/2005 to 01/24/2006	2016063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	QUIGLEY AV (W CORNER)	COLORADO BLVD	CO	CO	08/08/2005 to 01/24/2006	2016064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT ST (S CORNER)	BUFF AV	CO	CO	08/08/2005 to 01/24/2006	2016067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEACON PL (NE CORNER)	COLORADO BLVD	CO	CO	08/08/2005 to 01/24/2006	2016069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEACON PL (E CORNER)	COLORADO BLVD	CO	CO	08/08/2005 to 01/24/2006	2016070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEACON PL (W CORNER)	COLORADO BLVD	CO	CO	08/08/2005 to 01/24/2006	2016071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLORADO BLVD (NW CORNER)	BEACON PL	CO	CO	08/08/2005 to 01/24/2006	2016072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E COLORADO BLVD (SW CORNER)	BACKUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FULTON AV (NE CORNER)	COLORADO BLVD	CO	CO	08/08/2005 to 01/24/2006	2016074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FULTON AV (NW CORNER)	COLORADO BLVD	CO	CO	08/08/2005 to 01/24/2006	2016075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLORADO BLVD (NW CORNER)	FULTON AV	CO	CO	08/08/2005 to 01/24/2006	2016076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLORADO BLVD (NW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLORADO BLVD (NE CORNER)	SYCAMORE AV	CO	CO	08/08/2005 to 01/24/2006	2016078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLORADO BLVD (SE CORNER)	SYCAMORE AV	CO	CO	08/08/2005 to 01/24/2006	2016079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLORADO BLVD (SW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E GREEN ST (NW CORNER)	N LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E GREEN ST (SW CORNER)	N LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AVE (NW CORNER)	BRANDON ST	CO	CO	08/08/2005 to 01/24/2006	2016084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRANDON ST (NW CORNER)	LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRANDON ST (SW CORNER)	LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AVE (SW CORNER)	BRANDON ST	CO	CO	08/08/2005 to 01/24/2006	2016087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AVE (SE CORNER)	BRANDON ST	CO	CO	08/08/2005 to 01/24/2006	2016088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA MADRE BLVD (MEDIAN)	ONEIDA ST	CO	CO	08/08/2005 to 01/24/2006	2016115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA MADRE BLVD (SW CORNER)	ONEIDA ST	CO	CO	08/08/2005 to 01/24/2006	2016116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA MADRE BLVD (MEDIAN)	SENCA ST	CO	CO	08/08/2005 to 01/24/2006	2016118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SENECA ST (N (END OF ST) CORNER)	S SIERRA MADRE BLVD	CO	CO	08/08/2005 to 01/24/2006	2016119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



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Prepared By: AN

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Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	SENECA ST (S(EN)D OF ST) CORNER)	S SIERRA MADRE BLVD	CO	CO	08/08/2005 to 01/24/2006	2016120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTADENA AV (NW CORNER)	ONEIDA ST	CO	CO	08/08/2005 to 01/24/2006	2016121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ONEIDA ST (NW CORNER)	S ALTADENA DR	CO	CO	08/08/2005 to 01/24/2006	2016122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ONEIDA ST (SW CORNER)	ALTADENA AV	CO	CO	08/08/2005 to 01/24/2006	2016123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTADENA AV (NE CORNER)	ONEIDA ST	CO	CO	08/08/2005 to 01/24/2006	2016124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AV (SW CORNER)	ONEIDA ST	CO	CO	08/08/2005 to 01/24/2006	2016125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WENHAM RD (NW CORNER)	SAN PASQUAL ST	CO	CO	08/08/2005 to 01/24/2006	2016127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	SANTA ANITA AV	CO	CO	08/08/2005 to 01/24/2006	2016138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	SANTA ANITA AV	CO	CO	08/08/2005 to 01/24/2006	2016139	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NE CORNER)	VIRGINIA AV	CO	CO	08/08/2005 to 01/24/2006	2016140	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	NORTHCLIFF RD	CO	CO	08/08/2005 to 01/24/2006	2016141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (SW CORNER)	NORTHCLIFF RD	CO	CO	08/08/2005 to 01/24/2006	2016142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (SW CORNER)	WENHAM RD	CO	CO	08/08/2005 to 01/24/2006	2016143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	WENHAM RD	CO	CO	08/08/2005 to 01/24/2006	2016144	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAINSBOROUGH DR (SW CORNER)	EL CAMPO DR	CO	CO	08/08/2005 to 01/24/2006	2016184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STONELEY DR (END OF ST) (E CORNER)	S SAN GABRIEL BLVD	CO	CO	08/08/2005 to 01/24/2006	2016185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (NW CORNER)	EL CAMPO DR	CO	CO	08/08/2005 to 01/24/2006	2016186	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL CAMPO DR (W CORNER)	HUNTINGTON DR	CO	CO	08/08/2005 to 01/24/2006	2016187	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL CAMPO DR (E CORNER)	HUNTINGTON DR	CO	CO	08/08/2005 to 01/24/2006	2016188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (NE CORNER)	EL CAMPO DR	CO	CO	08/08/2005 to 01/24/2006	2016189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (NE CORNER)	EL CAMPO DR	CO	CO	08/08/2005 to 01/24/2006	2016190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (NE CORNER)	CAESAR AV	CO	CO	08/08/2005 to 01/24/2006	2016191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL CAMPO DR (NW CORNER)	GAINSBOROUGH DR	CO	CO	08/08/2005 to 01/24/2006	2016194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL CAMPO DR (W CORNER)	GAINSBOROUGH DR	CO	CO	08/08/2005 to 01/24/2006	2016195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL CAMPO DR (NE CORNER)	GAINSBOROUGH DR	CO	CO	08/08/2005 to 01/24/2006	2016196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL CAMPO DR (E CORNER)	GAINSBOROUGH DR	CO	CO	08/08/2005 to 01/24/2006	2016197	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAINSBOROUGH DR (NE CORNER)	SUNNYSLOPE BLVD	CO	CO	08/08/2005 to 01/24/2006	2016200	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAINSBOROUGH DR (E CORNER)	SUNNYSLOPE BLVD	CO	CO	08/08/2005 to 01/24/2006	2016201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAINSBOROUGH DR (E CORNER)	SUNNYSLOPE BLVD	CO	CO	08/08/2005 to 01/24/2006	2016202	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNNYSLOPE BLVD (NE CORNER)	GAINSBOROUGH DR	CO	CO	08/08/2005 to 01/24/2006	2016203	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNNYSLOPE BLVD (S CORNER)	LA PRESA DR	CO	CO	08/08/2005 to 01/24/2006	2016207	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (SW CORNER)	LA PRESA AVE	CO	CO	08/08/2005 to 01/24/2006	2016227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (NW CORNER)	LA PRESA DR	CO	CO	08/08/2005 to 01/24/2006	2016228	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (SW CORNER)	LA PRESA DR	CO	CO	08/08/2005 to 01/24/2006	2016229	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA PRESA DR (NE CORNER)	HUNTINGTON DR	CO	CO	08/08/2005 to 01/24/2006	2016230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA PRESA AVE (E CORNER)	S OF MARTHA CIR	CO	CO	08/08/2005 to 01/24/2006	2016233	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (S CORNER)	LA PRESA DR	CO	CO	08/08/2005 to 01/24/2006	2016237	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (S CORNER)	MUSCATEL AV	CO	CO	08/08/2005 to 01/24/2006	2016238	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (SW CORNER)	N MUSCATEL AVE	CO	CO	08/08/2005 to 01/24/2006	2016241	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (SW CORNER)	MUSCATEL AV	CO	CO	08/08/2005 to 01/24/2006	2016242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUSCATEL AV (NE CORNER)	HUNTINGTON DR	CO	CO	08/08/2005 to 01/24/2006	2016244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AV (NW CORNER)	LOCKSLEY DR	CO	CO	08/08/2005 to 01/24/2006	2016247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOCKSLEY DR (NW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AV (NE CORNER)	LOCKSLEY DR	CO	CO	08/08/2005 to 01/24/2006	2016249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOCKSLEY DR (NE CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016250	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOCKSLEY DR (SE CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016251	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOCKSLEY DR (SW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016252	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AV (NW CORNER)	HUNTINGTON DR	CO	CO	08/08/2005 to 01/24/2006	2016255	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (NW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016259	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (NW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016260	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016267	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (S CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016269	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (N CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016270	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (SW CORNER)	ROSEMEAD BLVD	CO	CO	08/08/2005 to 01/24/2006	2016271	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	ROSEMEAD BLVD	CO	CO	08/08/2005 to 01/24/2006	2016272	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMEAD BLVD (SE CORNER)	SAN PASQUAL ST	CO	CO	08/08/2005 to 01/24/2006	2016273	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODWARD BLVD (NW CORNER)	CALIFORNIA BLVD	CO	CO	08/08/2005 to 01/24/2006	2016277	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHIGAN BLVD (NE1 CORNER)	E CALIFORNIA BLVD	CO	CO	08/08/2005 to 01/24/2006	2016281	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (W CORNER)	MICHIGAN BLVD	CO	CO	08/08/2005 to 01/24/2006	2016285	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AV (NE CORNER)	VALLOMBROSA DR	CO	CO	08/08/2005 to 01/24/2006	2016287	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AV (NE CORNER)	CALIFORNIA BLVD	CO	CO	08/08/2005 to 01/24/2006	2016288	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (NW CORNER)	VALLOMBROSA DR	CO	CO	08/08/2005 to 01/24/2006	2016289	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AV (NW CORNER)	CALIFORNIA BLVD	CO	CO	08/08/2005 to 01/24/2006	2016290	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (NW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016291	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (NW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016292	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (SW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016293	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AV (NE CORNER)	LOMBARDY RD	CO	CO	08/08/2005 to 01/24/2006	2016294	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AV (NW CORNER)	LOMBARDY RD	CO	CO	08/08/2005 to 01/24/2006	2016295	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMBARDY RD (NW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016296	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMBARDY RD (SW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016297	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	SAN PASQUAL ST (N CORNER)	MADRE ST	CO	CO	08/08/2005 to 01/24/2006	2016300	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (S CORNER)	MADRE ST	CO	CO	08/08/2005 to 01/24/2006	2016301	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (SW CORNER)	MADRE ST	CO	CO	08/08/2005 to 01/24/2006	2016302	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	MADRE ST	CO	CO	08/08/2005 to 01/24/2006	2016303	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NE CORNER)	MADRE ST	CO	CO	08/08/2005 to 01/24/2006	2016304	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (S CORNER)	CHAPMAN WOOD RD	CO	CO	08/08/2005 to 01/24/2006	2016310	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIRGINIA AVE (NW CORNER)	SAN PASQUAL ST	CO	CO	08/08/2005 to 01/24/2006	2016323	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	LA PAZ DR	CO	CO	08/08/2005 to 01/24/2006	2016324	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLOMBROSA DR (S CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2016325	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW (NW CORNER)	LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016376	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THORNDALE RD (NW CORNER)	LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016377	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (SE CORNER)	VISTA ST	CO	CO	08/08/2005 to 01/24/2006	2017001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N VISTA ST (NE CORNER)	E DUARTE RD	CO	CO	08/08/2005 to 01/24/2006	2017002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E RAVENDALE RD (NW CORNER)	N VISTA ST	CO	CO	08/08/2005 to 01/24/2006	2017005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E RAVENDALE RD (SW CORNER)	N VISTA ST	CO	CO	08/08/2005 to 01/24/2006	2017006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA ST (SW CORNER)	RAVENDALE RD	CO	CO	08/08/2005 to 01/24/2006	2017007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N VISTA ST (E CORNER)	S OF E RAVENDALE RD	CO	CO	08/08/2005 to 01/24/2006	2017009	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N VISTA ST (NW CORNER)	E RAVENDALE RD	CO	CO	08/08/2005 to 01/24/2006	2017010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N VISTA ST (NE CORNER)	E RAVENDALE RD	CO	CO	08/08/2005 to 01/24/2006	2017011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA PRESA AVE (NW CORNER)	ALLEY	CO	CO	08/08/2005 to 01/24/2006	2017012	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA PRESA AVE (W CORNER)	N OF E DUARTE RD	CO	CO	08/08/2005 to 01/24/2006	2017013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA PRESA AVE (NW CORNER)	E DUARTE RD	CO	CO	08/08/2005 to 01/24/2006	2017014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (SW CORNER)	LA PRESA DR	CO	CO	08/08/2005 to 01/24/2006	2017015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (SW CORNER)	FERRON AV	CO	CO	08/08/2005 to 01/24/2006	2017017	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DUARTE RD (SW CORNER)	FERRON AVE	CO	CO	08/08/2005 to 01/24/2006	2017018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (NE CORNER)	FERRON AV	CO	CO	08/08/2005 to 01/24/2006	2017019	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (SW CORNER)	MUSCATEL AV	CO	CO	08/08/2005 to 01/24/2006	2017020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUSCATEL AV (NE CORNER)	DUARTE RD	CO	CO	08/08/2005 to 01/24/2006	2017022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (NE CORNER)	MUSCATEL AV	CO	CO	08/08/2005 to 01/24/2006	2017023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV (NE CORNER)	DUARTE RD	CO	CO	08/08/2005 to 01/24/2006	2017024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FERRON AVE (END OF STREET) (S CORNER)	E DUARTE RD	CO	CO	08/08/2005 to 01/24/2006	2017025	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUSCATEL AV (S CORNER)	GREENWOOD AV	CO	CO	08/08/2005 to 01/24/2006	2017036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV (SW CORNER)	E GREENWOOD AV	CO	CO	08/08/2005 to 01/24/2006	2017037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALITA ST (NW CORNER)	SULTANA AV	CO	CO	08/08/2005 to 01/24/2006	2017041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (S CORNER)	ROSEMEAD BLVD	CO	CO	08/08/2005 to 01/24/2006	2017042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRVIEW AV (NW CORNER)	SULTANA AV	CO	CO	08/08/2005 to 01/24/2006	2017044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRVIEW AV (NE CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2017045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRVIEW AV (NW CORNER)	LOTUS AV	CO	CO	08/08/2005 to 01/24/2006	2017046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AV (SW CORNER)	FAIRVIEW AV	CO	CO	08/08/2005 to 01/24/2006	2017047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TAMWORTH AV (NE CORNER)	FAIRVIEW AV	CO	CO	08/08/2005 to 01/24/2006	2017048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TAMWORTH AV (NW CORNER)	FAIRVIEW AV	CO	CO	08/08/2005 to 01/24/2006	2017049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV (NE CORNER)	E FAIRVIEW AV	CO	CO	08/08/2005 to 01/24/2006	2017051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV (E CORNER)	N OF E FAIRVIEW AV	CO	CO	08/08/2005 to 01/24/2006	2017052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUSCATEL AV (SW CORNER)	FAIRVIEW AV	CO	CO	08/08/2005 to 01/24/2006	2017053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RANCHO MANGANA RD (W CORNER)	W OF JULIE LN	CO	CO	08/08/2005 to 01/24/2006	2017054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV (NE CORNER)	E ARCADIA AV	CO	CO	08/08/2005 to 01/24/2006	2017056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ARCADIA AV (NE CORNER)	N MUSCATEL AV	CO	CO	08/08/2005 to 01/24/2006	2017057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUSCATEL AV (SW CORNER)	ARCADIA AV	CO	CO	08/08/2005 to 01/24/2006	2017058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ARCADIA AV (SE CORNER)	N MUSCATEL AV	CO	CO	08/08/2005 to 01/24/2006	2017059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV (E CORNER)	N OF E GREENWOOD AV	CO	CO	08/08/2005 to 01/24/2006	2017062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E GREENWOOD (NE CORNER)	W MUSCATEL	CO	CO	08/08/2005 to 01/24/2006	2017063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FERNCROFT AV (W CORNER)	RUTHLEE AV	CO	CO	08/08/2005 to 01/24/2006	2017065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FERNCROFT AV (E CORNER)	RUTHLEE AV	CO	CO	08/08/2005 to 01/24/2006	2017066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (NE CORNER)	SAN GABRIEL BLVD	CO	CO	08/08/2005 to 01/24/2006	2017103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (SW CORNER)	PROVENCE RD	CO	CO	08/08/2005 to 01/24/2006	2017104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KIMDALE (S CORNER)	DUARTE RD	CO	CO	08/08/2005 to 01/24/2006	2017105	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (NW CORNER)	RUTHLEE AV	CO	CO	08/08/2005 to 01/24/2006	2017109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUTHLEE AV (NW CORNER)	DUARTE RD	CO	CO	08/08/2005 to 01/24/2006	2017110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUTHLEE AV (SW CORNER)	DUARTE RD	CO	CO	08/08/2005 to 01/24/2006	2017111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUTHLEE AV (NE CORNER)	DUARTE RD	CO	CO	08/08/2005 to 01/24/2006	2017112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHEFFIELD RD (NW CORNER)	WILLARD AV	CO	CO	08/08/2005 to 01/24/2006	2017114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA YNEZ ST (SE CORNER)	DEL LOMA AV	CO	CO	08/08/2005 to 01/24/2006	2017157	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA YNEZ ST (NE CORNER)	DEL LOMA AV	CO	CO	08/08/2005 to 01/24/2006	2017158	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONGDEN AV (NE CORNER)	RUTHLEE AV	CO	CO	08/08/2005 to 01/24/2006	2017175	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALITA ST (E CORNER)	VISTA ST	CO	CO	08/08/2005 to 01/24/2006	2017188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHEFFIELD RD (E CORNER)	VISTA ST	CO	CO	08/08/2005 to 01/24/2006	2017189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JAYLEE DR (N CORNER)	MUSCATEL AV	CO	CO	08/08/2005 to 01/24/2006	2017207	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JAYLEE DR (S CORNER)	MUSCATEL AV	CO	CO	08/08/2005 to 01/24/2006	2017208	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUSCATEL AV (NW CORNER)	JAYLEE DR	CO	CO	08/08/2005 to 01/24/2006	2017209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYESDALE AV (W CORNER)	FAIRVIEW AV	CO	CO	08/08/2005 to 01/24/2006	2017229	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	MAYESDALE AV (NW CORNER)	FAIRVIEW AV	CO	CO	08/08/2005 to 01/24/2006	2017230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYESDALE AV (NE CORNER)	FAIRVIEW AV	CO	CO	08/08/2005 to 01/24/2006	2017231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (NE CORNER)	HUNTINGTON DR	CO	CO	08/08/2005 to 01/24/2006	2017232	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLARD AV (NE CORNER)	DORIS AV	CO	CO	08/08/2005 to 01/24/2006	2017233	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BROADWAY (NW CORNER)	N DEL LOMA AVE.	CO	CO	08/08/2005 to 01/24/2006	2018002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AVE. (NW CORNER)	E BROADWAY	CO	CO	08/08/2005 to 01/24/2006	2018012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AVE. (W CORNER)	S OF WEDGEWOOD ST.	CO	CO	08/08/2005 to 01/24/2006	2018013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AVE. (NE CORNER)	E BROADWAY	CO	CO	08/08/2005 to 01/24/2006	2018014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AVE. (E CORNER)	S OF WEDGEWOOD ST.	CO	CO	08/08/2005 to 01/24/2006	2018015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BROADWAY (NE CORNER)	LORENZA CT	CO	CO	08/08/2005 to 01/24/2006	2018016	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BROADWAY (SE CORNER)	LORENZA CT	CO	CO	08/08/2005 to 01/24/2006	2018017	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LORENZA CT. (END OF ST CORNER)	E BROADWAY	CO	CO	08/08/2005 to 01/24/2006	2018018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERMOSA DR (NE CORNER)	VISTA ST	CO	CO	08/08/2005 to 01/24/2006	2018067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERMOSA DR (NW CORNER)	WILLARD AV	CO	CO	08/08/2005 to 01/24/2006	2018068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERMOSA DR (SW CORNER)	WILLARD AV	CO	CO	08/08/2005 to 01/24/2006	2018069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA ST (E CORNER)	LAS TUNAS RD	CO	CO	08/08/2005 to 01/24/2006	2018079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARLOTTE AV (NE CORNER)	ELM AV	CO	CO	08/08/2005 to 01/24/2006	2018093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CHARLOTTE AV (W CORNER)	E LIVE OAK ST.	CO	CO	08/08/2005 to 01/24/2006	2018113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N CHARLOTTE AV (E CORNER)	E LIVE OAK ST.	CO	CO	08/08/2005 to 01/24/2006	2018114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAND AVE. (NE CORNER)	MUSCATEL AVE.	CO	CO	08/08/2005 to 01/24/2006	2018278	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N BARTLETT AVE. (SW CORNER)	ANDES ST.	CO	CO	08/08/2005 to 01/24/2006	2018282	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ACACIA ST (SW CORNER)	KEY WEST ST.	CO	CO	08/08/2005 to 01/24/2006	2018308	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KEY WEST ST (E CORNER)	ACACIA ST	CO	CO	08/08/2005 to 01/24/2006	2018310	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KEY WEST ST. (NE CORNER)	ACACIA ST	CO	CO	08/08/2005 to 01/24/2006	2018311	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BL (SW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2068139	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV (W CORNER)	FOOTHILL FWY	CO	CO	08/08/2005 to 01/24/2006	2068141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BL (SW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2068304	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV (NW CORNER)	HUGO REID RD	CO	CO	08/08/2005 to 01/24/2006	2069090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV (W CORNER)	CALIFORNIA BLVD	CO	CO	08/08/2005 to 01/24/2006	2069091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (SW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (NW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKDALE AV (SW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKDALE AV (NW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV (NW CORNER)	OAKDALE AV	CO	CO	08/08/2005 to 01/24/2006	2069114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYCAMORE AV (SW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYCAMORE AV (SW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYCAMORE AV (NW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069117	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV (NW CORNER)	MOUNTAIN VIEW AV	CO	CO	08/08/2005 to 01/24/2006	2069119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW AV (SW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN VIEW AV (NW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV (SW CORNER)	BLANCHE ST	CO	CO	08/08/2005 to 01/24/2006	2069123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BLANCHE ST (NW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV (NW CORNER)	BLANCHE ST	CO	CO	08/08/2005 to 01/24/2006	2069125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLORADO ST (NW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069132	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV (SW CORNER)	COLORADO ST	CO	CO	08/08/2005 to 01/24/2006	2069134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV (W CORNER)	VOLANTE DR	CO	CO	08/08/2005 to 01/24/2006	2069136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOHAWK ST (NW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOHAWK ST (SW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069139	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV (NW CORNER)	LA ROSA RD	CO	CO	08/08/2005 to 01/24/2006	2069141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA ROSA RD (NW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA ROSA RD (SW CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOHAWK ST (S CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069198	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELMA RD (S CORNER)	MICHILLINDA AV	CO	CO	08/08/2005 to 01/24/2006	2069199	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NAOMI AV (NW CORNER)	SUNSET BLVD	CO	CO	08/08/2005 to 01/24/2006	2070074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NAOMI AV (SE CORNER)	OAK AV	CO	CO	08/08/2005 to 01/24/2006	2070076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LE ROY ST (SW CORNER)	N OAK AVE.	CO	CO	08/08/2005 to 01/24/2006	2070078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEROY ST (SW CORNER)	OAK AV	CO	CO	08/08/2005 to 01/24/2006	2070079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAK AV (NW CORNER)	LEROY ST	CO	CO	08/08/2005 to 01/24/2006	2070080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (SW CORNER)	OAK AV	CO	CO	08/08/2005 to 01/24/2006	2070081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (NE CORNER)	ENCINITA AV	CO	CO	08/08/2005 to 01/24/2006	2070082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUARTE RD (NW CORNER)	OAK AV	CO	CO	08/08/2005 to 01/24/2006	2070083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAK AV (NE CORNER)	CAMINO REAL	CO	CO	08/08/2005 to 01/24/2006	2070092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAK AV (SW CORNER)	CAMINO REAL	CO	CO	08/08/2005 to 01/24/2006	2070093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAK AV (NW CORNER)	CAMINO REAL	CO	CO	08/08/2005 to 01/24/2006	2070094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TEMPLE CITY BLVD (NE CORNER)	LEMON AV	CO	CO	08/08/2005 to 01/24/2006	2070098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TEMPLE CITY BLVD (NE CORNER)	CAMINO REAL AV	CO	CO	08/08/2005 to 01/24/2006	2070102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAMINO REAL AV (SW CORNER)	BARELA AV	CO	CO	08/08/2005 to 01/24/2006	2070103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BARELA AV (S CORNER)	BARELA AV	CO	CO	08/08/2005 to 01/24/2006	2070105	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NAOMI AV (NW CORNER)	GOLDEN WEST AV	CO	CO	08/08/2005 to 01/24/2006	2070320	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NAOMI AV (SW CORNER)	GOLDEN WEST AV	CO	CO	08/08/2005 to 01/24/2006	2070321	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	ULMUS DR (SE CORNER)	ST JOHNSWOOD DR	CO	CO	08/08/2005 to 01/24/2006	1231181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV ( E CORNER )	GLENN ANDER FWY	CO	CO	08/08/2005 to 01/24/2006	1755381	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST ( NW CORNER )	SIERRA VISTA AV	CO	CO	08/08/2005 to 01/24/2006	2016394	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST ( SW CORNER )	SIERRA VISTA AV	CO	CO	08/08/2005 to 01/24/2006	2016396	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THORNDALE RD ( NW CORNER )	LOTUS AVE	CO	CO	08/08/2005 to 01/24/2006	2016432	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR ( MEDIUM )	EL CAMPO DR	CO	CO	08/08/2005 to 01/24/2006	2017274		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR ( MEDIUM )	EL CAMPO DR	CO	CO	08/08/2005 to 01/24/2006	2017279		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NE CORNER)	RAYMOND LN	CO	CO	08/08/2005 to 01/24/2006	1907014		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NORTH)	SUMMIT AVE	CO	CO	08/08/2005 to 01/24/2006	1907334	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV ( SW CORNER )	131ST ST	CO	CO	08/08/2005 to 01/24/2006	1756128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	135TH ST ( SW CORNER )	W OF STANFORD AV	CO	CO	08/08/2005 to 01/24/2006	1756362	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALAVERAS ST ( SE CORNER )	GARFIELD AVE	CO	CO	08/08/2005 to 01/24/2006	1907064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AVE ( SW CORNER )	YORKSHIRE RD	CO	CO	08/08/2005 to 01/24/2006	2016026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHIGAN BLVD ( SE CORNER )	ANITA AVE	CO	CO	08/08/2005 to 01/24/2006	2016284	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N VISTA ST ( SW CORNER )	S OF E RAVENDALE RD	CO	CO	08/08/2005 to 01/24/2006	2017008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FAIRVIEW AV ( NE CORNER )	N MUSCATEL AV	CO	CO	08/08/2005 to 01/24/2006	2017050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV ( NE CORNER )	E GREENWOOD AV	CO	CO	08/08/2005 to 01/24/2006	2017061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DUARTE RD ( NW CORNER )	MUSCATEL AV	CO	CO	08/08/2005 to 01/24/2006	2017227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHILLINDA AV ( NE CORNER )	VOLANTE DR	CO	CO	08/08/2005 to 01/24/2006	2069135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MERLON AVE ( SE CORNER )	E GREEN ST	CO	CO	08/08/2005 to 01/24/2006	2016089	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MICHILLINDA AVE ( SW CORNER )	ALLEY	CO	CO	08/08/2005 to 01/24/2006	2068473	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	101ST ST ( SW CORNER )	VERMONT AV	CO	CO	08/08/2005 to 01/24/2006	1699369	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARWAY CALABASAS	VENTURA BLVD	CO	CO	08/28/2012 to 03/05/2013	1191194	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARWAY CALABASAS	VENTURA BLVD	CO	CO	08/28/2012 to 03/05/2013	1191195	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRIVATE DWY	OLD SCANDIA LN	CO	CO	08/28/2012 to 03/05/2013	1191207	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLD SCANDIA LN	PRIVATE DWY	CO	CO	08/28/2012 to 03/05/2013	1191209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 108 TH ST	S NORMANDIE AV	CO	CO	08/28/2012 to 03/05/2013	1645046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S NORMANDIE AV	W 109 TH ST	CO	CO	08/28/2012 to 03/05/2013	1645048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S NORMANDIE AV	W 88 TH ST	CO	CO	08/28/2012 to 03/05/2013	1699124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S NORMANDIE AV	W 88 TH ST	CO	CO	08/28/2012 to 03/05/2013	1699125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 88 TH ST	S NORMANDIE AV	CO	CO	08/28/2012 to 03/05/2013	1699126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 88 TH ST	S BUDLONG AV	CO	CO	08/28/2012 to 03/05/2013	1699128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 88 TH ST	S VERMONT AV	CO	CO	08/28/2012 to 03/05/2013	1699130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 103 TH ST	S NORMANDIE AV	CO	CO	08/28/2012 to 03/05/2013	1699243	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 103 TH ST	S BUDLONG AV	CO	CO	08/28/2012 to 03/05/2013	1699244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BUDLONG AV	W 103 TH ST	CO	CO	08/28/2012 to 03/05/2013	1699246	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 103 TH ST	S BUDLONG AV	CO	CO	08/28/2012 to 03/05/2013	1699249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 103 TH ST	S VERMONT AV	CO	CO	08/28/2012 to 03/05/2013	1699251	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 103 TH ST	S VERMONT AV	CO	CO	08/28/2012 to 03/05/2013	1699253	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S VERMONT AV	W 103 TH ST	CO	CO	08/28/2012 to 03/05/2013	1699371	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 106 TH ST	S VERMONT AV	CO	CO	08/28/2012 to 03/05/2013	1700118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BREMBERTON WY	W 121 TH ST	CO	CO	08/28/2012 to 03/05/2013	1700232	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BREMBERTON WY	W 121 TH ST	CO	CO	08/28/2012 to 03/05/2013	1700233	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 121 TH ST	S MAIN ST	CO	CO	08/28/2012 to 03/05/2013	1700236	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 109TH PL	S NORMANDIE AV	CO	CO	08/28/2012 to 03/05/2013	1700243	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BUDLONG AV	W 10TH ST	CO	CO	08/28/2012 to 03/05/2013	1700248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 10TH ST	S NORMANDIE AV	CO	CO	08/28/2012 to 03/05/2013	1700251	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 10TH ST	S BUDLONG AV	CO	CO	08/28/2012 to 03/05/2013	1700252	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN PEDRO ST	W 122ND ST	CO	CO	08/28/2012 to 03/05/2013	1701006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN PEDRO ST	E 126TH ST	CO	CO	08/28/2012 to 03/05/2013	1701009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 129TH ST	TOWNE AV	CO	CO	08/28/2012 to 03/05/2013	1701027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNE AV	E 129TH ST	CO	CO	08/28/2012 to 03/05/2013	1701028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 130TH ST	TOWNE AV	CO	CO	08/28/2012 to 03/05/2013	1701034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 130TH ST	TOWNE AV	CO	CO	08/28/2012 to 03/05/2013	1701035	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN PEDRO ST	E 132TH ST	CO	CO	08/28/2012 to 03/05/2013	1701063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN PEDRO ST	E 132TH ST	CO	CO	08/28/2012 to 03/05/2013	1701064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN PEDRO ST	E 132TH ST	CO	CO	08/28/2012 to 03/05/2013	1701065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARKRIDGE RD	PENNSYLVANIA RD	CO	CO	08/28/2012 to 03/05/2013	1740005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARKRIDGE RD	QUAIL CANYON RD	CO	CO	08/28/2012 to 03/05/2013	1740014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUDCREST RD	MARKRIDGE RD	CO	CO	08/28/2012 to 03/05/2013	1740021	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARKRIDGE RD	CORTOLANE DR	CO	CO	08/28/2012 to 03/05/2013	1740023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARKRIDGE RD	BROXBORNE TER	CO	CO	08/28/2012 to 03/05/2013	1740024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUDCREST RD	RAMSDELL AV	CO	CO	08/28/2012 to 03/05/2013	1740034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HIGHRIDGE RD	RAMSDELL AV	CO	CO	08/28/2012 to 03/05/2013	1740035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARKRIDGE RD	RAMSDELL AV	CO	CO	08/28/2012 to 03/05/2013	1740037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV	HENRIETTA AV	CO	CO	08/28/2012 to 03/05/2013	1740265	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HENRIETTA AV	DAVER AV	CO	CO	08/28/2012 to 03/05/2013	1740266	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HENRIETTA AV	DAVER AV	CO	CO	08/28/2012 to 03/05/2013	1740267	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUD AVE	HENRIETTA AV	CO	CO	08/28/2012 to 03/05/2013	1740269	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL CAMINITO	PENNSYLVANIA AV	CO	CO	08/28/2012 to 03/05/2013	1740298	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	SANTA CARLOTTA ST	CLOUD AVE	CO	CO	08/28/2012 to 03/05/2013	1740299	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ORANGE AV	CECILVILLE AV	CO	CO	08/28/2012 to 03/05/2013	1740314	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ORANGE AV	EL ADOBE LN	CO	CO	08/28/2012 to 03/05/2013	1740316	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINEGLEN RD	MOUNTAIN PINE DR	CO	CO	08/28/2012 to 03/05/2013	1740334	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARKRIDGE RD	PENNSYLVANIA AV	CO	CO	08/28/2012 to 03/05/2013	1740358	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV	COMMUNITY AV	CO	CO	08/28/2012 to 03/05/2013	1741022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROSPECT AV	CLOUD AVE	CO	CO	08/28/2012 to 03/05/2013	1741028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARY ST	DYER AV	CO	CO	08/28/2012 to 03/05/2013	1741043	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMMUNITY AV	LA CRESCENTA AV	CO	CO	08/28/2012 to 03/05/2013	1741046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMONT AV	LOS AMIGOS ST	CO	CO	08/28/2012 to 03/05/2013	1741085	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV	FAIRMOUNT AV	CO	CO	08/28/2012 to 03/05/2013	1741104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRANKLIN ST	RAMSDELL AV	CO	CO	08/28/2012 to 03/05/2013	1741106	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BLVD	CLOUD AVE	CO	CO	08/28/2012 to 03/05/2013	1741122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CRESCENTA AV	LOS OLIVOS LN	CO	CO	08/28/2012 to 03/05/2013	1741124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BLVD	PENNSYLVANIA AV	CO	CO	08/28/2012 to 03/05/2013	1741125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARY ST	ROSEMONT AV	CO	CO	08/28/2012 to 03/05/2013	1741259	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTURA AV	LA CRESCENTA AV	CO	CO	08/28/2012 to 03/05/2013	1741265	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SLAUSON AV	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 58TH PL	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 58TH PL	CO	CO	08/28/2012 to 03/05/2013	1752071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SLAUSON AV	S CENTRAL AV	CO	CO	08/28/2012 to 03/05/2013	1752073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SLAUSON AV	S CENTRAL AV	CO	CO	08/28/2012 to 03/05/2013	1752074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV	E 58TH PL	CO	CO	08/28/2012 to 03/05/2013	1752075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 58TH PL	S CENTRAL AV	CO	CO	08/28/2012 to 03/05/2013	1752076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 58TH DR	S CENTRAL AV	CO	CO	08/28/2012 to 03/05/2013	1752079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 58TH DR	S CENTRAL AV	CO	CO	08/28/2012 to 03/05/2013	1752080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 58TH DR	CO	CO	08/28/2012 to 03/05/2013	1752081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 58TH DR	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 58TH DR	CO	CO	08/28/2012 to 03/05/2013	1752083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 58TH DR	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 59TH ST	CO	CO	08/28/2012 to 03/05/2013	1752086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 59TH PL	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 59TH ST	CO	CO	08/28/2012 to 03/05/2013	1752088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 60TH ST	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752089	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 60TH ST	CO	CO	08/28/2012 to 03/05/2013	1752090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 61ST ST	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 61ST ST	CO	CO	08/28/2012 to 03/05/2013	1752092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 61ST ST	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 61ST ST	CO	CO	08/28/2012 to 03/05/2013	1752094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 60TH ST	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 60TH ST	CO	CO	08/28/2012 to 03/05/2013	1752096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 59TH PL	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 59TH PL	CO	CO	08/28/2012 to 03/05/2013	1752098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 59TH ST	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1752099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 59TH ST	CO	CO	08/28/2012 to 03/05/2013	1752100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RANDOLPH ST	SOUTH AV	CO	CO	08/28/2012 to 03/05/2013	1752116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV	E 68TH ST	CO	CO	08/28/2012 to 03/05/2013	1753037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV	E 68TH ST	CO	CO	08/28/2012 to 03/05/2013	1753038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 68TH ST	PARMELEE AV	CO	CO	08/28/2012 to 03/05/2013	1753039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 71TH ST	HOLMES AV	CO	CO	08/28/2012 to 03/05/2013	1753040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 69TH ST	HOLMES AV	CO	CO	08/28/2012 to 03/05/2013	1753042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 71ST ST	HOLMES AV	CO	CO	08/28/2012 to 03/05/2013	1753045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AV	E 71ST ST	CO	CO	08/28/2012 to 03/05/2013	1753046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 71ST ST	WILMINGTON AV	CO	CO	08/28/2012 to 03/05/2013	1753048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 71ST ST	WILMINGTON AV	CO	CO	08/28/2012 to 03/05/2013	1753049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSON AV	E FLORENCE AV	CO	CO	08/28/2012 to 03/05/2013	1753052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROCKET BLVD	CROCKET BLVD	CO	CO	08/28/2012 to 03/05/2013	1753057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONVERSE AV	E GAGE AV	CO	CO	08/28/2012 to 03/05/2013	1753065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONVERSE AV	E GAGE AV	CO	CO	08/28/2012 to 03/05/2013	1753066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIRAMONTE	E GAGE AV	CO	CO	08/28/2012 to 03/05/2013	1753068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAKEE	E GAGE AV	CO	CO	08/28/2012 to 03/05/2013	1753075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAKEE	E GAGE AV	CO	CO	08/28/2012 to 03/05/2013	1753076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 62ND ST	CO	CO	08/28/2012 to 03/05/2013	1753077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 62ND ST	CO	CO	08/28/2012 to 03/05/2013	1753078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 62ND ST	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1753079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 63RD ST	CO	CO	08/28/2012 to 03/05/2013	1753082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E GAGE AV	CO	CO	08/28/2012 to 03/05/2013	1753083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 64TH ST	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1753084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 64TH ST	HOOPER AV	CO	CO	08/28/2012 to 03/05/2013	1753085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV	E 65TH ST	CO	CO	08/28/2012 to 03/05/2013	1753086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris







ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
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L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E IMPERIAL HWY	PARMELEE AV	CO	CO	08/28/2012 to 03/05/2013	1755321	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E IMPERIAL HWY	S GRANDEE AV	CO	CO	08/28/2012 to 03/05/2013	1755338	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E IMPERIAL HWY	WILMINGTON AV	CO	CO	08/28/2012 to 03/05/2013	1755352	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E IMPERIAL HWY	WILMINGTON AV	CO	CO	08/28/2012 to 03/05/2013	1755354	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E IMPERIAL HWY	S GRANDEE AV	CO	CO	08/28/2012 to 03/05/2013	1755355	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV	WILMINGTON AV OFF RAMP	CO	CO	08/28/2012 to 03/05/2013	1755356	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV	E 118TH ST	CO	CO	08/28/2012 to 03/05/2013	1755358	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 118TH ST	BANDERA AV	CO	CO	08/28/2012 to 03/05/2013	1755360	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BANDERA AV	E 118TH ST	CO	CO	08/28/2012 to 03/05/2013	1755361	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 119TH ST	WILLOWBROOK AV	CO	CO	08/28/2012 to 03/05/2013	1755363	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 119TH ST	WILLOWBROOK AV	CO	CO	08/28/2012 to 03/05/2013	1755364	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWBROOK AV	E 120TH ST	CO	CO	08/28/2012 to 03/05/2013	1755365	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AV	E 118TH ST	CO	CO	08/28/2012 to 03/05/2013	1755370	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST	WILMINGTON AV	CO	CO	08/28/2012 to 03/05/2013	1755372	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV	E 119TH ST	CO	CO	08/28/2012 to 03/05/2013	1755374	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E IMPERIAL HWY	S GRANDEE AV	CO	CO	08/28/2012 to 03/05/2013	1755376	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST		CO	CO	08/28/2012 to 03/05/2013	1755379	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST		CO	CO	08/28/2012 to 03/05/2013	1755380	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST	WILMINGTON AV	CO	CO	08/28/2012 to 03/05/2013	1755383	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV	E 119TH ST	CO	CO	08/28/2012 to 03/05/2013	1755384	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV	E 120TH ST	CO	CO	08/28/2012 to 03/05/2013	1755385	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N WILMINGTON AV	E EL SEGUNDO AV	CO	CO	08/28/2012 to 03/05/2013	1756026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 122ND ST	WILMINGTON AV	CO	CO	08/28/2012 to 03/05/2013	1756032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 122ND ST	WILMINGTON AV	CO	CO	08/28/2012 to 03/05/2013	1756033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 123RD ST	S WILMINGTON AV	CO	CO	08/28/2012 to 03/05/2013	1756036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 123RD ST	S WILMINGTON AV	CO	CO	08/28/2012 to 03/05/2013	1756037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WILMINGTON AV	E 124TH ST	CO	CO	08/28/2012 to 03/05/2013	1756039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S AVALON BLVD	E EL SEGUNDO BLVD	CO	CO	08/28/2012 to 03/05/2013	1756157	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S AVALON BLVD	E EL SEGUNDO BLVD	CO	CO	08/28/2012 to 03/05/2013	1756158	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 127TH ST	S AVALON BLVD	CO	CO	08/28/2012 to 03/05/2013	1756160	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S AVALON BLVD	E 127TH ST	CO	CO	08/28/2012 to 03/05/2013	1756161	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S AVALON BLVD	E 126TH ST	CO	CO	08/28/2012 to 03/05/2013	1756164	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BLVD	E 122ND ST	CO	CO	08/28/2012 to 03/05/2013	1756170	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BLVD	E 122ND ST	CO	CO	08/28/2012 to 03/05/2013	1756173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV	136TH ST	CO	CO	08/28/2012 to 03/05/2013	1756363	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SLATER AV	E 127TH ST	CO	CO	08/28/2012 to 03/05/2013	1756364	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DEL ARROYO DR	SHIELDS ST	CO	CO	08/28/2012 to 03/05/2013	1795006	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DEL ARROYO DR	SHIELDS ST	CO	CO	08/28/2012 to 03/05/2013	1795007	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV	WHITTIER DR	CO	CO	08/28/2012 to 03/05/2013	1796032	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JANVIER WY	FAIRMOUNT AV	CO	CO	08/28/2012 to 03/05/2013	1796056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	YOUNG DR	BARTON LN	CO	CO	08/28/2012 to 03/05/2013	1796071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCIA AV	ORANGEDALE AV	CO	CO	08/28/2012 to 03/05/2013	1797202	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IVY ST	E 88TH ST	CO	CO	08/28/2012 to 03/05/2013	1809362	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IVY ST	E 88TH ST	CO	CO	08/28/2012 to 03/05/2013	1809363	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JUNIPER ST	E 88TH ST	CO	CO	08/28/2012 to 03/05/2013	1809364	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JUNIPER ST	E 88TH ST	CO	CO	08/28/2012 to 03/05/2013	1809365	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROESUS AV	E 95TH ST	CO	CO	08/28/2012 to 03/05/2013	1809369	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROESUS AV	E 97TH ST	CO	CO	08/28/2012 to 03/05/2013	1809371	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KALMIA ST	E 97TH ST	CO	CO	08/28/2012 to 03/05/2013	1809378	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E 117TH OL	CO	CO	08/28/2012 to 03/05/2013	1810151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E119TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1810171	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 118TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1810172	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 117TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1810174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E119TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1810183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 117TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1810185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ALAMEDA ST	E EL SEGUNDO BLVD	CO	CO	08/28/2012 to 03/05/2013	1811120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E 132ND ST	CO	CO	08/28/2012 to 03/05/2013	1811125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E 131ST ST	CO	CO	08/28/2012 to 03/05/2013	1811127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 130TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811129	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E 130TH ST	CO	CO	08/28/2012 to 03/05/2013	1811130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 130TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811131	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 129TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E 129TH ST	CO	CO	08/28/2012 to 03/05/2013	1811134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E EL SEGUNDO BLVD	CO	CO	08/28/2012 to 03/05/2013	1811136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E EL SEGUNDO BLVD	CO	CO	08/28/2012 to 03/05/2013	1811137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWBROOK AV	E 123RD ST	CO	CO	08/28/2012 to 03/05/2013	1811147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWBROOK AV	E 124TH ST	CO	CO	08/28/2012 to 03/05/2013	1811151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



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Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	S MONA BLVD	E 124TH ST	CO	CO	08/28/2012 to 03/05/2013	1811161	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E 124TH ST	CO	CO	08/28/2012 to 03/05/2013	1811163	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E 124TH ST	CO	CO	08/28/2012 to 03/05/2013	1811165	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E 126TH ST	CO	CO	08/28/2012 to 03/05/2013	1811167	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD	WILLOWBROOK AV	CO	CO	08/28/2012 to 03/05/2013	1811172	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD	WILLOWBROOK AV	CO	CO	08/28/2012 to 03/05/2013	1811173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD	WILLOWBROOK AV	CO	CO	08/28/2012 to 03/05/2013	1811174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 130TH ST	S WILLOWBROOK AV	CO	CO	08/28/2012 to 03/05/2013	1811177	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 130TH ST	S WILLOWBROOK AV	CO	CO	08/28/2012 to 03/05/2013	1811179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WILLOWBROOK AV	E 130TH ST	CO	CO	08/28/2012 to 03/05/2013	1811180	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WILLOWBROOK AV	E 130TH ST	CO	CO	08/28/2012 to 03/05/2013	1811181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ORIS ST	N MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811208	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BLISS ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BLISS ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811210	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 135TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811212	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 135TH ST	S MONA BLVD	CO	CO	08/28/2012 to 03/05/2013	1811214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E 133RD ST	CO	CO	08/28/2012 to 03/05/2013	1811216	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD	E STOCKWELL ST	CO	CO	08/28/2012 to 03/05/2013	1811219	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ALAMEDA ST	E 126TH ST	CO	CO	08/28/2012 to 03/05/2013	1811400	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ALAMEDA ST	E 127TH ST	CO	CO	08/28/2012 to 03/05/2013	1811401	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ALAMEDA ST	E EL SEGUNDO BLVD	CO	CO	08/28/2012 to 03/05/2013	1811402	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ALAMEDA ST	E EL SEGUNDO BLVD	CO	CO	08/28/2012 to 03/05/2013	1811403	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E JOSEPHINE CT	S BULLIS RD	CO	CO	08/28/2012 to 03/05/2013	1812499	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E JOSEPHINE CT	S BULLIS RD	CO	CO	08/28/2012 to 03/05/2013	1812503	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ELIZABETH ST	S BULLIS RD	CO	CO	08/28/2012 to 03/05/2013	1812505	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ESSEY AV	E ELIZABETH ST	CO	CO	08/28/2012 to 03/05/2013	1812509	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ELIZABETH ST	S ESSEY AV	CO	CO	08/28/2012 to 03/05/2013	1812511	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BRADFIELD AV	E ELIZABETH ST	CO	CO	08/28/2012 to 03/05/2013	1812512	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ELIZABETH ST	S BRADFIELD AV	CO	CO	08/28/2012 to 03/05/2013	1812514	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S PANNES AV	E ELIZABETH ST	CO	CO	08/28/2012 to 03/05/2013	1812515	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVENDIA MAGDALENA	CALLE VICTORIA	CO	CO	08/28/2012 to 03/05/2013	1813151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVENDIA MAGDALENA	CALLE VICTORIA	CO	CO	08/28/2012 to 03/05/2013	1813153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARENGO ST	N DITMAN AV	CO	CO	08/28/2012 to 03/05/2013	1859001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARENGO ST	N DITMAN AV	CO	CO	08/28/2012 to 03/05/2013	1859002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARENGO ST	N DITMAN AV	CO	CO	08/28/2012 to 03/05/2013	1859003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARENGO ST	N DITMAN AV	CO	CO	08/28/2012 to 03/05/2013	1859004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CITY TERRACE DR	MARENGO ST	CO	CO	08/28/2012 to 03/05/2013	1859005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOOLWINE DR	N ROWAN AV	CO	CO	08/28/2012 to 03/05/2013	1859007	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER AV	SNOW DR	CO	CO	08/28/2012 to 03/05/2013	1859049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER AV	SNOW DR	CO	CO	08/28/2012 to 03/05/2013	1859050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER AV	SNOW DR	CO	CO	08/28/2012 to 03/05/2013	1859052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER AV	SNOW DR	CO	CO	08/28/2012 to 03/05/2013	1859053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VAN PELT AV	RAMBOZ DR	CO	CO	08/28/2012 to 03/05/2013	1859055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GERAGHTY AV	BLANCHARD ST	CO	CO	08/28/2012 to 03/05/2013	1859061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GERAGHTY AV	BLANCHARD ST	CO	CO	08/28/2012 to 03/05/2013	1859062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER AV	BRANNICK AV	CO	CO	08/28/2012 to 03/05/2013	1859068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCBRIDE AV	BLANCHARD ST	CO	CO	08/28/2012 to 03/05/2013	1859071	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCBRIDE AV	BLANCHARD ST	CO	CO	08/28/2012 to 03/05/2013	1859072	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BLANCHARD ST	N BRANNICK AV	CO	CO	08/28/2012 to 03/05/2013	1859075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BLANCHARD ST	GIFFORD AV	CO	CO	08/28/2012 to 03/05/2013	1859076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BLANCHARD ST	N EASTERN AV	CO	CO	08/28/2012 to 03/05/2013	1859077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DODDS CIR	DODDS AVE	CO	CO	08/28/2012 to 03/05/2013	1859079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER AV	WORTH ST	CO	CO	08/28/2012 to 03/05/2013	1859107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITSIDE ST	N DITMAN AV	CO	CO	08/28/2012 to 03/05/2013	1859185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR	N BRANNICK AV	CO	CO	08/28/2012 to 03/05/2013	1860025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N BRANNICK AV	FLORAL DR	CO	CO	08/28/2012 to 03/05/2013	1860026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N BRANNICK AV	FLORAL DR	CO	CO	08/28/2012 to 03/05/2013	1860027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR	N HUMPHREYS AV	CO	CO	08/28/2012 to 03/05/2013	1860031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMMEL ST	N MARIANA AV	CO	CO	08/28/2012 to 03/05/2013	1860050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RECORD AV	DOZIER ST	CO	CO	08/28/2012 to 03/05/2013	1860056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RECORD AV	DOZIER ST	CO	CO	08/28/2012 to 03/05/2013	1860057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DOZIER ST	N RECORD AV	CO	CO	08/28/2012 to 03/05/2013	1860058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DOZIER ST	N RECORD AV	CO	CO	08/28/2012 to 03/05/2013	1860059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N BRANNICK AV	DOZIER ST	CO	CO	08/28/2012 to 03/05/2013	1860065	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EUGENE AV	N EASTERN AV	CO	CO	08/28/2012 to 03/05/2013	1860094	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GAGE AV	FOLSOM ST	CO	CO	08/28/2012 to 03/05/2013	1860112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N DITMAN AV	MICHIGAN AV	CO	CO	08/28/2012 to 03/05/2013	1860164	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST	NASSAU AV	CO	CO	08/28/2012 to 03/05/2013	1860178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV	E 5TH ST	CO	CO	08/28/2012 to 03/05/2013	1860182	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV	E 5TH ST	CO	CO	08/28/2012 to 03/05/2013	1860183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E 5TH ST	S DITMAN AV	CO	CO	08/28/2012 to 03/05/2013	1860184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRATIAN ST	S EASTERN AV	CO	CO	08/28/2012 to 03/05/2013	1860242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 4TH ST	S EASTERN AV	CO	CO	08/28/2012 to 03/05/2013	1860245	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N TOWNSEND AV	MICHIGAN AV	CO	CO	08/28/2012 to 03/05/2013	1860998	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MCDONNELL AV	E OLYMPIC BLVD	CO	CO	08/28/2012 to 03/05/2013	1861041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MARIANA AV	DUNHAM ST	CO	CO	08/28/2012 to 03/05/2013	1861182	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERONA ST	S BRANNICK AV	CO	CO	08/28/2012 to 03/05/2013	1861234	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERONA ST	S BRANNICK AV	CO	CO	08/28/2012 to 03/05/2013	1861235	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S COOKACRE ST	E SAUNDERS ST	CO	CO	08/28/2012 to 03/05/2013	1866199	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SAUNDERS ST	S COOKACRE ST	CO	CO	08/28/2012 to 03/05/2013	1866201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ROSECRANS AV	S COOKACRE ST	CO	CO	08/28/2012 to 03/05/2013	1866203	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ROSECRANS AV	S COOKACRE ST	CO	CO	08/28/2012 to 03/05/2013	1866205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALMERSTONE ST	S COOKACRE ST	CO	CO	08/28/2012 to 03/05/2013	1866213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E QUEENSDALE ST	S COOKACRE ST	CO	CO	08/28/2012 to 03/05/2013	1866215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S COOKACRE ST	E QUEENSDALE ST	CO	CO	08/28/2012 to 03/05/2013	1866217	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E COMPTON BLVD	S ATLANTIC AV	CO	CO	08/28/2012 to 03/05/2013	1867183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S COOKACRE ST	E COMPTON BLVD	CO	CO	08/28/2012 to 03/05/2013	1867187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SAN LUIS ST	S COOKACRE ST	CO	CO	08/28/2012 to 03/05/2013	1867190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SAN LUIS ST	S COOKACRE ST	CO	CO	08/28/2012 to 03/05/2013	1867191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S COOKACRE ST	E SAN LUIS ST	CO	CO	08/28/2012 to 03/05/2013	1867192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E SAN LUIS ST	S COOKACRE ST	CO	CO	08/28/2012 to 03/05/2013	1867194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WHITE AV	E ROSE ST	CO	CO	08/28/2012 to 03/05/2013	1867195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WHITE AV	E ROSE ST	CO	CO	08/28/2012 to 03/05/2013	1867196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WHITE AV	E MYRRH ST	CO	CO	08/28/2012 to 03/05/2013	1867210	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WHITE AV	E MYRRH ST	CO	CO	08/28/2012 to 03/05/2013	1867211	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WHITE AV	E MYRRH ST	CO	CO	08/28/2012 to 03/05/2013	1867213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WHITE AV	E LISLEY ST	CO	CO	08/28/2012 to 03/05/2013	1867215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CARESS AV	E ELIZABETH ST	CO	CO	08/28/2012 to 03/05/2013	1867224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S THORSON AV	E ELIZABETH ST	CO	CO	08/28/2012 to 03/05/2013	1867227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ELIZABETH ST	S HARRIS AV	CO	CO	08/28/2012 to 03/05/2013	1867228	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BUTLER AV	E ALONDRA BLVD	CO	CO	08/28/2012 to 03/05/2013	1867238	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALONDRA BLVD	S WHITE AV	CO	CO	08/28/2012 to 03/05/2013	1867241	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WHITE AV	E ALONDRA BLVD	CO	CO	08/28/2012 to 03/05/2013	1867242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WHITE AV	E LISLEY ST	CO	CO	08/28/2012 to 03/05/2013	1867246	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL PRIETO RD	CLOVERHILL RD	CO	CO	08/28/2012 to 03/05/2013	1905001	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKMAN ST	E LOMA ALTA DR	CO	CO	08/28/2012 to 03/05/2013	1906011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKMAN ST	E LOMA ALTA DR	CO	CO	08/28/2012 to 03/05/2013	1906012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTA PINE DR	E LOMA ALTA DR	CO	CO	08/28/2012 to 03/05/2013	1906014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W PALM ST	DABNEY ST	CO	CO	08/28/2012 to 03/05/2013	1906024	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CANYON DELL DR	CANYON CREST RD	CO	CO	08/28/2012 to 03/05/2013	1906030	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARALIA RD	GRAVELIA ST	CO	CO	08/28/2012 to 03/05/2013	1906034	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W MAROPOSA ST	CRESTFORD DR	CO	CO	08/28/2012 to 03/05/2013	1906037	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W HARRIET ST	CASITAS AV	CO	CO	08/28/2012 to 03/05/2013	1906051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MAROPOSA ST	WAGNER CT	CO	CO	08/28/2012 to 03/05/2013	1906093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALM ST	EWING ST	CO	CO	08/28/2012 to 03/05/2013	1906126	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIR OAKS	MARATHON RD	CO	CO	08/28/2012 to 03/05/2013	1906191	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARATHON RD	FAIR OAKS	CO	CO	08/28/2012 to 03/05/2013	1906192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARATHON RD	BELLAIRE DR	CO	CO	08/28/2012 to 03/05/2013	1906193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELLAIRE DR	MARATHON RD	CO	CO	08/28/2012 to 03/05/2013	1906194	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELLAIRE DR	MARATHON RD	CO	CO	08/28/2012 to 03/05/2013	1906195	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CESAR CHAVEZ AV	N ARIZONA AV	CO	CO	08/28/2012 to 03/05/2013	1914059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N KERN AV	E 1ST ST	CO	CO	08/28/2012 to 03/05/2013	1914063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV	GLEASON ST	CO	CO	08/28/2012 to 03/05/2013	1914075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV	GLEASON ST	CO	CO	08/28/2012 to 03/05/2013	1914076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N KERN AV	GLEASON ST	CO	CO	08/28/2012 to 03/05/2013	1914077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEASON ST	S MCDONNELL AV	CO	CO	08/28/2012 to 03/05/2013	1914092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEASON ST	S MCDONNELL AV	CO	CO	08/28/2012 to 03/05/2013	1914093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEASON ST	S MCDONNELL AV	CO	CO	08/28/2012 to 03/05/2013	1914094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 2ND ST	S MCDONNELL AV	CO	CO	08/28/2012 to 03/05/2013	1914096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 2ND ST	S MCDONNELL AV	CO	CO	08/28/2012 to 03/05/2013	1914097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 2ND ST	S DANGLER AV	CO	CO	08/28/2012 to 03/05/2013	1914098	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DANGLER AV	E 3RD ST	CO	CO	08/28/2012 to 03/05/2013	1914100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST	S DANGLER AV	CO	CO	08/28/2012 to 03/05/2013	1914101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST	S DANGLER AV	CO	CO	08/28/2012 to 03/05/2013	1914105	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRATIAN ST	S MCDONNELL AV	CO	CO	08/28/2012 to 03/05/2013	1914106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MCDONNELL AV	EAGLE ST	CO	CO	08/28/2012 to 03/05/2013	1914115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MCDONNELL AV	EAGLE ST	CO	CO	08/28/2012 to 03/05/2013	1914116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV	E 6TH ST	CO	CO	08/28/2012 to 03/05/2013	1914122	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST	S LA VERNE AV	CO	CO	08/28/2012 to 03/05/2013	1914129	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LA VERNE AV	EAGLE ST	CO	CO	08/28/2012 to 03/05/2013	1914132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E 4TH ST	S FERRIS AV	CO	CO	08/28/2012 to 03/05/2013	1914136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRATIAN ST	S FERRIS AV	CO	CO	08/28/2012 to 03/05/2013	1914139	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRATIAN ST	S FERRIS AV	CO	CO	08/28/2012 to 03/05/2013	1914140	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELFORD ST	GLEASON ST	CO	CO	08/28/2012 to 03/05/2013	1914146	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELFORD ST	GLEASON ST	CO	CO	08/28/2012 to 03/05/2013	1914147	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC AV	EAGLE ST	CO	CO	08/28/2012 to 03/05/2013	1914165	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST	S ATLANTIC AV	CO	CO	08/28/2012 to 03/05/2013	1914168	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST	S ATLANTIC AV	CO	CO	08/28/2012 to 03/05/2013	1914178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC AV	E 6TH ST	CO	CO	08/28/2012 to 03/05/2013	1914179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC AV	E 6TH ST	CO	CO	08/28/2012 to 03/05/2013	1914180	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BEVERLY BLVD	VIA COMPO	CO	CO	08/28/2012 to 03/05/2013	1914290	307	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD	BRADSHAW ST	CO	CO	08/28/2012 to 03/05/2013	1915030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD	HARDING AV	CO	CO	08/28/2012 to 03/05/2013	1915035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HENRICKS AV	WHITTIER BLVD	CO	CO	08/28/2012 to 03/05/2013	1915037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FINDLAY AV	WHITTIER BLVD	CO	CO	08/28/2012 to 03/05/2013	1915042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAYBROOK AV	WHITTIER BLVD	CO	CO	08/28/2012 to 03/05/2013	1915045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST	S ATLANTIC AV	CO	CO	08/28/2012 to 03/05/2013	1915068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC AV	WHITTIER BLVD	CO	CO	08/28/2012 to 03/05/2013	1915079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD	S ATLANTIC AV	CO	CO	08/28/2012 to 03/05/2013	1915080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD	S WOODS AV	CO	CO	08/28/2012 to 03/05/2013	1915084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC AV	HUBBARD SR	CO	CO	08/28/2012 to 03/05/2013	1915091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC AV	HUBBARD SR	CO	CO	08/28/2012 to 03/05/2013	1915092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRASER AV	E OLYMPIC BLVD	CO	CO	08/28/2012 to 03/05/2013	1915158	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AV	VERONA ST	CO	CO	08/28/2012 to 03/05/2013	1915170	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC AV	VERONA ST	CO	CO	08/28/2012 to 03/05/2013	1915174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC AV	VERONA ST	CO	CO	08/28/2012 to 03/05/2013	1915175	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BLVD	HENRICKS AV	CO	CO	08/28/2012 to 03/05/2013	1915335	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HENRICKS AV	E OLYMPIC BLVD	CO	CO	08/28/2012 to 03/05/2013	1915337	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HENRICKS AV	E OLYMPIC BLVD	CO	CO	08/28/2012 to 03/05/2013	1915338	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR	GANESH AV	CO	CO	08/28/2012 to 03/05/2013	1960073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALM ST	REPOSA LN	CO	CO	08/28/2012 to 03/05/2013	1960074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR	STONEHILL DR	CO	CO	08/28/2012 to 03/05/2013	1960095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALM ST	N HOLLISTON AV	CO	CO	08/28/2012 to 03/05/2013	1960096	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALM ST	N HOLLISTON AV	CO	CO	08/28/2012 to 03/05/2013	1960097	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUBIO CANYON RD	VIA MADERAS	CO	CO	08/28/2012 to 03/05/2013	1960100	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAYWOOD DR	PORTER AV	CO	CO	08/28/2012 to 03/05/2013	1960109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTA CREST DR	TANOBLE DR	CO	CO	08/28/2012 to 03/05/2013	1960120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTA WOOD DR	TANOBLE DR	CO	CO	08/28/2012 to 03/05/2013	1960121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONCHA ST	SANTA ANITA AV	CO	CO	08/28/2012 to 03/05/2013	1960148	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDLOTHIAN DR	MENDOCINO LN	CO	CO	08/28/2012 to 03/05/2013	1961016	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CALVERAS ST	DRAWFORD AV	CO	CO	08/28/2012 to 03/05/2013	1961098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDLOTHIAN DR	MENDOCINO LN	CO	CO	08/28/2012 to 03/05/2013	1961257	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENVIEW TER	MIDLOTHIAN DR	CO	CO	08/28/2012 to 03/05/2013	1961261	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BERNE ST	AMORY AV	CO	CO	08/28/2012 to 03/05/2013	1967228	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GARFIELD AV	E OLYMPIC BLVD	CO	CO	08/28/2012 to 03/05/2013	1969276	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRYSTAL LN	KINCLAIR DR	CO	CO	08/28/2012 to 03/05/2013	2014092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODWARD BLVD	E CALIFORNIA BLVD	CO	CO	08/28/2012 to 03/05/2013	2016275	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLMOROSA DR	S LOTUS AV	CO	CO	08/28/2012 to 03/05/2013	2016326	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SIERRA MADRE BLVD	SAN PASQUAL ST	CO	CO	08/28/2012 to 03/05/2013	2016999	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LORAIN RD	N WILLARD AV	CO	CO	08/28/2012 to 03/05/2013	2017064	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARVEY WY	LONGDEN AV	CO	CO	08/28/2012 to 03/05/2013	2017257	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARVEY WY	LONGDEN AV	CO	CO	08/28/2012 to 03/05/2013	2017258	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N WILLARD AV	E LORAIN RD	CO	CO	08/28/2012 to 03/05/2013	2017264	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N WILLARD AV	E LORAIN RD	CO	CO	08/28/2012 to 03/05/2013	2017265	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LORAIN RD	N WILLARD AV	CO	CO	08/28/2012 to 03/05/2013	2017266	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E DUARTE RD	ENCINITA AV	CO	CO	08/28/2012 to 03/05/2013	2017269	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELM AV	N CHARLOTTE AV	CO	CO	08/28/2012 to 03/05/2013	2018097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BROADWAY	S DEL LOMA AV	CO	CO	08/28/2012 to 03/05/2013	2018191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAND AV	N MUSCATEL AV	CO	CO	08/28/2012 to 03/05/2013	2018280	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BROADWAY	S DEL LOMA AV	CO	CO	08/28/2012 to 03/05/2013	2018341	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DELTA AV	AMBER ROSE LN	CO	CO	08/28/2012 to 03/05/2013	2020173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL MAR AV	REDDING ST	CO	CO	08/28/2012 to 03/05/2013	2020201	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL MAR AV	DEL MAR AV	CO	CO	08/28/2012 to 03/05/2013	2020202	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OWEN CT	HILL DR	CO	CO	08/28/2012 to 03/05/2013	2020213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DELTA ST	SIERRA BONITA AV	CO	CO	08/28/2012 to 03/05/2013	2020240	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARAMAC AV	HILL DR	CO	CO	08/28/2012 to 03/05/2013	2020281	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STEDDOM DR	POTRERO GRANDI DR	CO	CO	08/28/2012 to 03/05/2013	2020291	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEA CT	SAN GABRIEL BLVD	CO	CO	08/28/2012 to 03/05/2013	2020997	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DELTA ST	ELSMORE DR	CO	CO	08/28/2012 to 03/05/2013	2020999	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HILL DR	KENNEYDALE AV	CO	CO	08/28/2012 to 03/05/2013	2021034	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.1 - EXHIBIT 6**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

**Certified Full Capture Systems Database**

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	CAROL PINE LN	S MICHILLINDA AV	CO	CO	08/28/2012 to 03/05/2013	2069225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ENCINITA AV	E DUARTE RD	CO	CO	08/28/2012 to 03/05/2013	2070335	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYCAMORE LN	SPRUCE CT	CO	CO	08/28/2012 to 03/05/2013	2120003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYCAMORE LN	SPRUCE CT	CO	CO	08/28/2012 to 03/05/2013	2120004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRUCE CT	SYCAMORE LN	CO	CO	08/28/2012 to 03/05/2013	2120005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYCAMORE LN	JACARANDA CIR	CO	CO	08/28/2012 to 03/05/2013	2120006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYCAMORE LN	JACARANDA CIR	CO	CO	08/28/2012 to 03/05/2013	2120007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYCAMORE LN	JACARANDA CIR	CO	CO	08/28/2012 to 03/05/2013	2120008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYCAMORE LN	JACARANDA CIR	CO	CO	08/28/2012 to 03/05/2013	2120009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WYLAND WY	JEFFRIES AV	CO	CO	08/28/2012 to 03/05/2013	2120020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV	MILOANN ST	CO	CO	08/28/2012 to 03/05/2013	2121183	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S KERN AV ( NW CORNER )	TELEGRAOH RD	CO	CO	08/28/2012 to 03/05/2013	1915188	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SIERRA MADRE BLVD ( MEDIUM )	SAN PASQUAL ST	CO	CO	08/28/2012 to 03/05/2013	2016391	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DELTA ST ( NE CORNER )	ELSMORE DR	CO	CO	08/28/2012 to 03/05/2013	2020239		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEA CT ( E AST )	SAN GABRIEL BLVD	CO	CO	08/28/2012 to 03/05/2013	2020293	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ENCINITA AV ( NW CORNER )	E DUARTE RD	CO	CO	08/28/2012 to 03/05/2013	2070353		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROCKETT BLVD (NE CORNER)	E 76TH ST	CO	CO	08/28/2012 to 03/05/2013	1753480	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E STOCKWELL ST (NW CORNER)	S PENROSE AVE	CO	CO	08/28/2012 to 03/05/2013	1811221	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BULLIS (NW CORNER)	ELIZABETH ST	CO	CO	08/28/2012 to 03/05/2013	1812504	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOVER AVE (NW CORNER)	E GAGE AVE	CO	CO	08/28/2012 to 03/05/2013	1753081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 73RD ST (SOUTH)	S CENTRAL AVE	CO	CO	08/28/2012 to 03/05/2013	1753469		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 73RD ST (SOUTH2)	S CENTRAL AVE	CO	CO	08/28/2012 to 03/05/2013	1753470		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BL (SW CORNER)	E 1215 ST	CO	CO	08/28/2012 to 03/05/2013	1755386	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 119TH ST (WN CORNER)	WILLOWBROOK AVE	CO	CO	08/28/2012 to 03/05/2013	1755553		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N VAN PELT AVE (EAST)	E RAMBOZ DR	CO	CO	08/28/2012 to 03/05/2013	1859214		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S PANNES AV ( NE CORNER )	E ELIZABETH ST	CO	CO	08/28/2012 to 03/05/2013	1812516	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 88TH ST (WN CORNER)	ZAMORA AVE	CO	CO	08/28/2012 to 03/05/2013	1754325	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 87TH ST (WN CORNER)	ZAMORA AVE	CO	CO	08/28/2012 to 03/05/2013	1754319	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 87TH ST (WN CORNER)	ZAMORA AVE	CO	CO	08/28/2012 to 03/05/2013	1754321	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HALLDALE AV (SE CORNER)	W 95TH ST	CO	CO	09/02/2003 to 11/18/2003	1644250	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DENKER AV (SW CORNER)	W 104TH ST	CO	CO	09/02/2003 to 11/18/2003	1645008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DENKER AV (SE CORNER)	W 104TH ST	CO	CO	09/02/2003 to 11/18/2003	1645009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DENKER AV (W CORNER)	W 104TH ST	CO	CO	09/02/2003 to 11/18/2003	1645010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 104TH ST (S CORNER)	DENKER AV	CO	CO	09/02/2003 to 11/18/2003	1645012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 104TH ST (N CORNER)	DENKER AV	CO	CO	09/02/2003 to 11/18/2003	1645013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 104TH ST (S CORNER)	DENKER AV	CO	CO	09/02/2003 to 11/18/2003	1645014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 104TH ST (N CORNER)	DENKER AV	CO	CO	09/02/2003 to 11/18/2003	1645015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 104TH ST (NW CORNER)	NORMANDIE AV	CO	CO	09/02/2003 to 11/18/2003	1645016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 104TH ST (SW CORNER)	NORMANDIE AV	CO	CO	09/02/2003 to 11/18/2003	1645017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S NORMANDIE AV (SW CORNER)	W 104TH ST	CO	CO	09/02/2003 to 11/18/2003	1645018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (SW CORNER)	W 106TH ST	CO	CO	09/02/2003 to 11/18/2003	1645032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	88TH ST (W CORNER)	BUDLONG AVE.	CO	CO	09/02/2003 to 11/18/2003	1699127		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	88TH ST (SW CORNER)	BUDLONG AVE.	CO	CO	09/02/2003 to 11/18/2003	1699129		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	88TH ST (W CORNER)	VERMONT AVE.	CO	CO	09/02/2003 to 11/18/2003	1699131		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 90TH ST (S CORNER)	VERMONT AVE.	CO	CO	09/02/2003 to 11/18/2003	1699138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SW CORNER)	W 91ST ST	CO	CO	09/02/2003 to 11/18/2003	1699141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (NW CORNER)	W 91ST ST	CO	CO	09/02/2003 to 11/18/2003	1699142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV €	W 91ST ST	CO	CO	09/02/2003 to 11/18/2003	1699143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (NE CORNER)	W 91ST ST	CO	CO	09/02/2003 to 11/18/2003	1699144	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 91ST ST (S CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	91ST ST (E CORNER)	BUDLONG AVE.	CO	CO	09/02/2003 to 11/18/2003	1699147		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 91ST ST (NW CORNER)	VERMONT AVE.	CO	CO	09/02/2003 to 11/18/2003	1699148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	91ST ST (SE CORNER)	VERMONT AVE.	CO	CO	09/02/2003 to 11/18/2003	1699149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 92ND ST (W CORNER)	VERMONT AV	CO	CO	09/02/2003 to 11/18/2003	1699172	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 92ND ST (W CORNER)	VERMONT AV	CO	CO	09/02/2003 to 11/18/2003	1699173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 92ND ST (S CORNER)	VERMONT AV	CO	CO	09/02/2003 to 11/18/2003	1699174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (SE CORNER)	W 93RD ST	CO	CO	09/02/2003 to 11/18/2003	1699175	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 93RD ST (N CORNER)	NORMANDIE AV	CO	CO	09/02/2003 to 11/18/2003	1699176	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 93RD ST (S CORNER)	NORMANDIE AV	CO	CO	09/02/2003 to 11/18/2003	1699177	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SW CORNER)	W 93RD ST	CO	CO	09/02/2003 to 11/18/2003	1699178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 93RD ST (SW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 93RD ST (NW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699180	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (NW CORNER)	W 93RD ST	CO	CO	09/02/2003 to 11/18/2003	1699181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (NE CORNER)	W 93RD ST	CO	CO	09/02/2003 to 11/18/2003	1699182	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SE CORNER)	W 93RD ST	CO	CO	09/02/2003 to 11/18/2003	1699183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 93RD ST (NE CORNER)	S BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 93RD ST (SE CORNER)	S BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 93RD ST (SW CORNER)	VERMONT AV	CO	CO	09/02/2003 to 11/18/2003	1699187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	W 93RD ST	CO	CO	09/02/2003 to 11/18/2003	1699188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (SE CORNER)	W 94TH ST	CO	CO	09/02/2003 to 11/18/2003	1699190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	S BUDLONG AV (SW CORNER)	W 97TH ST	CO	CO	09/02/2003 to 11/18/2003	1699195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 97TH ST (NW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699197	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (NE CORNER)	W 97TH ST	CO	CO	09/02/2003 to 11/18/2003	1699200	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 97TH ST (N CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 98TH ST (NW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699223	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 98TH ST (SW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 99TH ST (NW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 99TH ST (SW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699228	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTURY BLVD (SW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1699230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (SE CORNER)	W 103RD ST	CO	CO	09/02/2003 to 11/18/2003	1699241	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	103RD ST (SW CORNER)	BUDLONG AVE.	CO	CO	09/02/2003 to 11/18/2003	1699245		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV (SE CORNER)	W 106TH ST	CO	CO	09/02/2003 to 11/18/2003	1700111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 106TH ST (S CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1700114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 106TH ST (NW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1700115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SW CORNER)	W 106TH ST	CO	CO	09/02/2003 to 11/18/2003	1700116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SE CORNER)	W 106TH ST	CO	CO	09/02/2003 to 11/18/2003	1700117	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	106TH ST (SW CORNER)	VERMONT AVE.	CO	CO	09/02/2003 to 11/18/2003	1700119		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 107TH ST (NW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1700121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 107TH ST (SW CORNER)	BUDLONG AV	CO	CO	09/02/2003 to 11/18/2003	1700122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SW CORNER)	W 107TH ST	CO	CO	09/02/2003 to 11/18/2003	1700123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SW CORNER)	W 107TH ST	CO	CO	09/02/2003 to 11/18/2003	1700124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	121ST ST (NW CORNER)	BREMERTON WAY	CO	CO	09/02/2003 to 11/18/2003	1700231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	121ST ST (SE CORNER)	BREMERTON WAY	CO	CO	09/02/2003 to 11/18/2003	1700234	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	70TH ST (W CORNER)	HOLMES AV	CO	CO	09/02/2003 to 11/18/2003	1753041		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	68TH ST (W CORNER)	HOLMES AV	CO	CO	09/02/2003 to 11/18/2003	1753043		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	71ST ST (NE CORNER)	HOLMES AV	CO	CO	09/02/2003 to 11/18/2003	1753047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	71ST ST (NE CORNER)	WILMINGTON AV	CO	CO	09/02/2003 to 11/18/2003	1753050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 66TH ST (W CORNER)	HOLMES AV	CO	CO	09/02/2003 to 11/18/2003	1753060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 64TH ST (W CORNER)	HOLMES AV	CO	CO	09/02/2003 to 11/18/2003	1753062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROCKET BLVD (NW CORNER)	81ST ST	CO	CO	09/02/2003 to 11/18/2003	1753421	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOU DILLON AV (SE CORNER)	NADEAU ST	CO	CO	09/02/2003 to 11/18/2003	1753423	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOU DILLON AV (NE CORNER)	NADEAU ST	CO	CO	09/02/2003 to 11/18/2003	1753424	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROCKET BLVD (NW CORNER)	NADEAU ST	CO	CO	09/02/2003 to 11/18/2003	1753427	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITSETT AV (NW CORNER)	NADEAU ST	CO	CO	09/02/2003 to 11/18/2003	1753433	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (SW CORNER)	WALNUT DR	CO	CO	09/02/2003 to 11/18/2003	1753435	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 78TH ST (NW CORNER)	CROCKETT BLVD	CO	CO	09/02/2003 to 11/18/2003	1753437	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 76TH PL (NW CORNER)	WHITSETT AV	CO	CO	09/02/2003 to 11/18/2003	1753440	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITSETT AV (NE CORNER)	E 76TH PL	CO	CO	09/02/2003 to 11/18/2003	1753441	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 76TH PL (NW CORNER)	WHITSETT AV	CO	CO	09/02/2003 to 11/18/2003	1753442	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 76TH PL (NW CORNER)	WALNUT DR	CO	CO	09/02/2003 to 11/18/2003	1753443	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT DR (NW CORNER)	E 76TH PL	CO	CO	09/02/2003 to 11/18/2003	1753444	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT DR (NE CORNER)	E 76TH PL	CO	CO	09/02/2003 to 11/18/2003	1753445	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 76TH PL (NE CORNER)	WALNUT DR	CO	CO	09/02/2003 to 11/18/2003	1753446	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	77TH ST (NW CORNER)	CROCKET BLVD	CO	CO	09/02/2003 to 11/18/2003	1753453	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	76TH PL (NE CORNER)	CROCKET BLVD	CO	CO	09/02/2003 to 11/18/2003	1753457	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	85TH ST (NW CORNER)	BELL AV	CO	CO	09/02/2003 to 11/18/2003	1754030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELL AV (NE CORNER)	FIRESTONE BLVD	CO	CO	09/02/2003 to 11/18/2003	1754032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIR ST (NE CORNER)	FIRESTONE BLVD	CO	CO	09/02/2003 to 11/18/2003	1754042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAPE ST (NE CORNER)	FIRESTONE BLVD	CO	CO	09/02/2003 to 11/18/2003	1754045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HICKORY ST (NE CORNER)	87TH ST	CO	CO	09/02/2003 to 11/18/2003	1754217		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINER ST (NE CORNER)	89TH ST	CO	CO	09/02/2003 to 11/18/2003	1754221		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINER ST (NE CORNER)	90TH ST	CO	CO	09/02/2003 to 11/18/2003	1754222		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MINER ST (NW CORNER)	92ND ST	CO	CO	09/02/2003 to 11/18/2003	1754225		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	92ND ST (NW CORNER)	MINER ST	CO	CO	09/02/2003 to 11/18/2003	1754226		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	92ND ST (NW CORNER)	HOLMES ST	CO	CO	09/02/2003 to 11/18/2003	1754230		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	92ND ST (NW CORNER)	BANDERA ST	CO	CO	09/02/2003 to 11/18/2003	1754233		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BANDER AV (NW CORNER)	92ND ST	CO	CO	09/02/2003 to 11/18/2003	1754235		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HICKORY ST (NE CORNER)	88TH ST	CO	CO	09/02/2003 to 11/18/2003	1754312		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	89TH ST (NE CORNER)	ZAMORA AV	CO	CO	09/02/2003 to 11/18/2003	1754329		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ZAMORA AV (SE CORNER)	89TH ST	CO	CO	09/02/2003 to 11/18/2003	1754333		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	91ST ST (NW CORNER)	ZAMORA AV	CO	CO	09/02/2003 to 11/18/2003	1754344		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 91ST ST (NE CORNER)	ZAMORA AV	CO	CO	09/02/2003 to 11/18/2003	1754346	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 92ND ST (NE CORNER)	HOOPER AV	CO	CO	09/02/2003 to 11/18/2003	1754348	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BAIRD AV (NE CORNER)	98TH ST	CO	CO	09/02/2003 to 11/18/2003	1754436		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 119TH ST	CO	CO	09/02/2003 to 11/18/2003	1755296	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 118TH ST	CO	CO	09/02/2003 to 11/18/2003	1755298	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 117TH PL	CO	CO	09/02/2003 to 11/18/2003	1755299	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 117TH PL	CO	CO	09/02/2003 to 11/18/2003	1755302	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 118TH ST	CO	CO	09/02/2003 to 11/18/2003	1755303	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST (NE CORNER)	COMPTON AV	CO	CO	09/02/2003 to 11/18/2003	1755307	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	COMPTON AV (W CORNER)	GLENN ANDER FWY	CO	CO	09/02/2003 to 11/18/2003	1755311	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV (SW CORNER)	IMPERIAL HWY	CO	CO	09/02/2003 to 11/18/2003	1755353		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV (NE CORNER)	WILMINGTON AV OFF RAMP	CO	CO	09/02/2003 to 11/18/2003	1755357	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV (NW CORNER)	E 118TH ST	CO	CO	09/02/2003 to 11/18/2003	1755359	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWBROOK AV (NW CORNER)	120TH ST	CO	CO	09/02/2003 to 11/18/2003	1755366		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWBROOK AV (NW CORNER)	122ND ST	CO	CO	09/02/2003 to 11/18/2003	1756031		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV (NE CORNER)	E 122ND ST	CO	CO	09/02/2003 to 11/18/2003	1756035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (NW CORNER)	S WILMINGTON AV	CO	CO	09/02/2003 to 11/18/2003	1756040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (SW CORNER)	S WILMINGTON AV	CO	CO	09/02/2003 to 11/18/2003	1756041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WILMINGTON AV (NW CORNER)	E 126TH ST	CO	CO	09/02/2003 to 11/18/2003	1756043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV (NE CORNER)	126TH ST	CO	CO	09/02/2003 to 11/18/2003	1756044		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (N CORNER)	N GRANDEE AV	CO	CO	09/02/2003 to 11/18/2003	1756046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRANDEE AV (SE CORNER)	E 124TH ST	CO	CO	09/02/2003 to 11/18/2003	1756047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (NW CORNER)	GRANDEE AV	CO	CO	09/02/2003 to 11/18/2003	1756049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 126TH ST	CO	CO	09/02/2003 to 11/18/2003	1756050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (SW CORNER)	COMPTON AV	CO	CO	09/02/2003 to 11/18/2003	1756052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (NE CORNER)	COMPTON AV	CO	CO	09/02/2003 to 11/18/2003	1756053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 123RD ST	CO	CO	09/02/2003 to 11/18/2003	1756055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (NW CORNER)	AVALON BLVD	CO	CO	09/02/2003 to 11/18/2003	1756065	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (SW CORNER)	AVALON BLVD	CO	CO	09/02/2003 to 11/18/2003	1756066	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOVIS AV (E CORNER)	E 126TH ST	CO	CO	09/02/2003 to 11/18/2003	1756068	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	126TH ST (W CORNER)	CLOVIS AV	CO	CO	09/02/2003 to 11/18/2003	1756069		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (SE CORNER)	CLOVIS AV	CO	CO	09/02/2003 to 11/18/2003	1756086		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (SW CORNER)	CLOVIS AV	CO	CO	09/02/2003 to 11/18/2003	1756087		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (SE CORNER)	KEENE AV	CO	CO	09/02/2003 to 11/18/2003	1756093		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (SW CORNER)	KEENE AV	CO	CO	09/02/2003 to 11/18/2003	1756094		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (W CORNER)	KEENE AV	CO	CO	09/02/2003 to 11/18/2003	1756099		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (E CORNER)	MCKINLEY AV	CO	CO	09/02/2003 to 11/18/2003	1756101		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (W CORNER)	KEENE AV	CO	CO	09/02/2003 to 11/18/2003	1756102		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (NW CORNER)	CLOVIS AV	CO	CO	09/02/2003 to 11/18/2003	1756104		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (NW CORNER)	CLOVIS AV	CO	CO	09/02/2003 to 11/18/2003	1756105		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (NE CORNER)	CLOVIS AV	CO	CO	09/02/2003 to 11/18/2003	1756107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (SW CORNER)	E 131ST ST	CO	CO	09/02/2003 to 11/18/2003	1756114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (S CORNER)	BELHAVEN AV	CO	CO	09/02/2003 to 11/18/2003	1756116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (NW CORNER)	BELHAVEN AV	CO	CO	09/02/2003 to 11/18/2003	1756117	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (W CORNER)	E 131ST ST	CO	CO	09/02/2003 to 11/18/2003	1756119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (W CORNER)	EL SEGUNDO BLVD	CO	CO	09/02/2003 to 11/18/2003	1756122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (SW CORNER)	MCKINLEY AV	CO	CO	09/02/2003 to 11/18/2003	1756129	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (SW CORNER)	STANFORD AV	CO	CO	09/02/2003 to 11/18/2003	1756132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (NW CORNER)	STANFORD AV	CO	CO	09/02/2003 to 11/18/2003	1756133	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (NW CORNER)	MCKINLEY AV	CO	CO	09/02/2003 to 11/18/2003	1756136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV (NW CORNER)	E 131ST ST	CO	CO	09/02/2003 to 11/18/2003	1756137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (NE CORNER)	MCKINLEY AV	CO	CO	09/02/2003 to 11/18/2003	1756139	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (SW CORNER)	STANFORD AVE.	CO	CO	09/02/2003 to 11/18/2003	1756144		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (NW CORNER)	STANFORD AVE.	CO	CO	09/02/2003 to 11/18/2003	1756147		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (SW CORNER)	AVALON BLVD.	CO	CO	09/02/2003 to 11/18/2003	1756149		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 122ND ST (SW CORNER)	S AVALON BLVD	CO	CO	09/02/2003 to 11/18/2003	1756168	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 122ND ST (NW CORNER)	S AVALON BLVD	CO	CO	09/02/2003 to 11/18/2003	1756169	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 135TH ST (SW CORNER)	S AVALON BLVD	CO	CO	09/02/2003 to 11/18/2003	1756176	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 135TH ST (SW CORNER)	S AVALON BLVD	CO	CO	09/02/2003 to 11/18/2003	1756178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S AVALON BLVD (W CORNER)	E 135TH ST	CO	CO	09/02/2003 to 11/18/2003	1756180	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S AVALON BLVD (SE CORNER)	E 135TH ST	CO	CO	09/02/2003 to 11/18/2003	1756181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 135TH ST (NE CORNER)	STANFORD AV	CO	CO	09/02/2003 to 11/18/2003	1756184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV (W CORNER)	E 135TH ST	CO	CO	09/02/2003 to 11/18/2003	1756185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 135TH ST (SW CORNER)	S MCKINLEY AV	CO	CO	09/02/2003 to 11/18/2003	1756189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV (SW CORNER)	MCKINLEY AV	CO	CO	09/02/2003 to 11/18/2003	1756193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 137TH ST (SW CORNER)	MCKINLEY AV	CO	CO	09/02/2003 to 11/18/2003	1756195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV (SW CORNER)	E 137TH ST	CO	CO	09/02/2003 to 11/18/2003	1756196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV (SW CORNER)	E 138TH ST	CO	CO	09/02/2003 to 11/18/2003	1756198	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 138TH ST (SW CORNER)	MCKINLEY AV	CO	CO	09/02/2003 to 11/18/2003	1756199	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 139TH ST (NW CORNER)	MCKINLEY AV	CO	CO	09/02/2003 to 11/18/2003	1756202	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 139TH ST (NW CORNER)	N PARMELEE AV	CO	CO	09/02/2003 to 11/18/2003	1756239	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMALEE AV (SW CORNER)	139TH ST	CO	CO	09/02/2003 to 11/18/2003	1756240		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 139TH ST (SW CORNER)	S PARMELEE AV	CO	CO	09/02/2003 to 11/18/2003	1756241	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S PARMELEE AV (SE CORNER)	E 139TH ST	CO	CO	09/02/2003 to 11/18/2003	1756242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 142ND ST (SW CORNER)	S PARMELEE AV	CO	CO	09/02/2003 to 11/18/2003	1756244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W ROSECRANS AV (NW CORNER)	S PARMELEE AV	CO	CO	09/02/2003 to 11/18/2003	1756245	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W ROSECRANS AV (SW CORNER)	N CENTRAL AV	CO	CO	09/02/2003 to 11/18/2003	1756247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (E CORNER)	E 142ND ST	CO	CO	09/02/2003 to 11/18/2003	1756250	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (NW CORNER)	PALM PL	CO	CO	09/02/2003 to 11/18/2003	1808272	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	S SANTA FE AV (NE CORNER)	PALM PL	CO	CO	09/02/2003 to 11/18/2003	1808273	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PALM PL (SE CORNER)	S SANTA FE AVE	CO	CO	09/02/2003 to 11/18/2003	1808275	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHORT ST (NW CORNER)	S SANTA FE AVE	CO	CO	09/02/2003 to 11/18/2003	1808280	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (NE CORNER)	COLE PL	CO	CO	09/02/2003 to 11/18/2003	1808282	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLE PL (NE CORNER)	S SANTA FE AVE	CO	CO	09/02/2003 to 11/18/2003	1808283	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (SE CORNER)	SALE PL	CO	CO	09/02/2003 to 11/18/2003	1809065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SALE PL (S CORNER)	S SANTA FE AVE	CO	CO	09/02/2003 to 11/18/2003	1809068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (NE CORNER)	CASS PL	CO	CO	09/02/2003 to 11/18/2003	1809085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASS PL (SE CORNER)	S SANTA FE AVE	CO	CO	09/02/2003 to 11/18/2003	1809087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (W CORNER)	POPLAR PL	CO	CO	09/02/2003 to 11/18/2003	1809088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDEPENDENCE AV (N CORNER)	S SANTA FE AVE	CO	CO	09/02/2003 to 11/18/2003	1809093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (NW CORNER)	CASS PL	CO	CO	09/02/2003 to 11/18/2003	1809353	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JUNIPER (NE CORNER)	92ND	CO	CO	09/02/2003 to 11/18/2003	1809366		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	92ND ST (NE CORNER)	JUNIPER ST	CO	CO	09/02/2003 to 11/18/2003	1809367		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JUNIPER ST (NE CORNER)	E 97TH ST	CO	CO	09/02/2003 to 11/18/2003	1809375	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 97TH ST (NE CORNER)	JUNIPER ST	CO	CO	09/02/2003 to 11/18/2003	1809376	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 97TH ST (NE CORNER)	KALMIA ST	CO	CO	09/02/2003 to 11/18/2003	1809379	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 97TH ST (NW CORNER)	LAUREL ST	CO	CO	09/02/2003 to 11/18/2003	1809381	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONA BLVD (NW CORNER)	120TH ST	CO	CO	09/02/2003 to 11/18/2003	1810169		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONA BLVD (NW CORNER)	118TH ST	CO	CO	09/02/2003 to 11/18/2003	1810173		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONA BLVD (NE CORNER)	132ND ST	CO	CO	09/02/2003 to 11/18/2003	1811126		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONA BLVD (NE CORNER)	131ST ST	CO	CO	09/02/2003 to 11/18/2003	1811128		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONA BLVD (NE CORNER)	129TH ST	CO	CO	09/02/2003 to 11/18/2003	1811133		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWBROOK AV (NW CORNER)	124TH ST	CO	CO	09/02/2003 to 11/18/2003	1811149		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 126TH ST (NW CORNER)	WILLOWBROOK AV	CO	CO	09/02/2003 to 11/18/2003	1811154	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWBROOK AV (NW CORNER)	E 126TH ST	CO	CO	09/02/2003 to 11/18/2003	1811155	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 126TH ST (NE CORNER)	WILLOWBROOK AV	CO	CO	09/02/2003 to 11/18/2003	1811157	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONA BLVD (NW CORNER)	124TH ST	CO	CO	09/02/2003 to 11/18/2003	1811160		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONA BLVD (NE CORNER)	127TH ST	CO	CO	09/02/2003 to 11/18/2003	1811168		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (NW CORNER)	WILLOWBROOK AV	CO	CO	09/02/2003 to 11/18/2003	1811169	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWBROOK AV (NW CORNER)	EL SEGUNDO BLVD	CO	CO	09/02/2003 to 11/18/2003	1811170	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWBROOK AV (NE CORNER)	EL SEGUNDO	CO	CO	09/02/2003 to 11/18/2003	1811175		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARANBE AV (NW CORNER)	E STOCKWELL ST	CO	CO	09/02/2003 to 11/18/2003	1811182	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARANBE AV (NW CORNER)	E PIRU ST	CO	CO	09/02/2003 to 11/18/2003	1811184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PIRU ST (NW CORNER)	S ARANBE AV	CO	CO	09/02/2003 to 11/18/2003	1811186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARANBE AV (NE CORNER)	E HATCHWAY ST	CO	CO	09/02/2003 to 11/18/2003	1811188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARANBE AV (NE CORNER)	BLISS ST	CO	CO	09/02/2003 to 11/18/2003	1811190		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARANBE AV (NW CORNER)	ORIS ST	CO	CO	09/02/2003 to 11/18/2003	1811194		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 133RD ST (NE CORNER)	S MONA BLVD	CO	CO	09/02/2003 to 11/18/2003	1811217	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E STOCKWELL ST (SW CORNER)	S MONA BLVD	CO	CO	09/02/2003 to 11/18/2003	1811218	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E STOCKWELL ST (NW CORNER)	S PENROSE AV	CO	CO	09/02/2003 to 11/18/2003	1811220	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TEMPLE ST (NE CORNER)	JOSEPHINE CT	CO	CO	09/02/2003 to 11/18/2003	1812502		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELIZABETH ST (NE CORNER)	ESSEY AV	CO	CO	09/02/2003 to 11/18/2003	1812510		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELIZABETH ST (NE CORNER)	BRADFIELD AV	CO	CO	09/02/2003 to 11/18/2003	1812513		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E VIA MONDO (SW CORNER)	S SUSANA RD	CO	CO	09/02/2003 to 11/18/2003	1813005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E VIA MONDO (S CORNER)	S SUSANA RD	CO	CO	09/02/2003 to 11/18/2003	1813006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA ST (W CORNER)	LAUREL PARK RD	CO	CO	09/02/2003 to 11/18/2003	1813065		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E VICTORIA ST (S CORNER)		CO	CO	09/02/2003 to 11/18/2003	1813066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E VICTORIA ST (S CORNER)		CO	CO	09/02/2003 to 11/18/2003	1813068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E VICTORIA ST (N CORNER)		CO	CO	09/02/2003 to 11/18/2003	1813069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (NW CORNER)	E VICTORIA ST	CO	CO	09/02/2003 to 11/18/2003	1813086	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (NE CORNER)	MARIA ST	CO	CO	09/02/2003 to 11/18/2003	1813096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA (SE CORNER)	HELENA	CO	CO	09/02/2003 to 11/18/2003	1813100		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA (NE CORNER)	HELENA	CO	CO	09/02/2003 to 11/18/2003	1813101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (W CORNER)	W BORT ST	CO	CO	09/02/2003 to 11/18/2003	1813103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (NW CORNER)	E MARIA ST	CO	CO	09/02/2003 to 11/18/2003	1814014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (E CORNER)	E MARIA ST	CO	CO	09/02/2003 to 11/18/2003	1814015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOKACRE AV (SW CORNER)	SAUNDERS ST	CO	CO	09/02/2003 to 11/18/2003	1866200		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOKACRE AV (NW CORNER)	SAUNDERS ST	CO	CO	09/02/2003 to 11/18/2003	1866202		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOKACRE AV (NW CORNER)	ROSECRANS AV	CO	CO	09/02/2003 to 11/18/2003	1866206		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ATLANTIC AV (NE CORNER)	ROSECRANS AV	CO	CO	09/02/2003 to 11/18/2003	1866210	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOKACRE AV (SW CORNER)	PALMERSTONE ST	CO	CO	09/02/2003 to 11/18/2003	1866212		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOKACRE AV (NW CORNER)	PALMERSTONE ST	CO	CO	09/02/2003 to 11/18/2003	1866214		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOKACRE AV (NW CORNER)	QUEENSDALE ST	CO	CO	09/02/2003 to 11/18/2003	1866216		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOKACRE AV (NE CORNER)	QUEENSDALE ST	CO	CO	09/02/2003 to 11/18/2003	1866218		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON BLVD (NE CORNER)	LIME AV	CO	CO	09/02/2003 to 11/18/2003	1867180		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON BLVD (NE CORNER)	LIME AV	CO	CO	09/02/2003 to 11/18/2003	1867181		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON BLVD (NW CORNER)	LIME AV	CO	CO	09/02/2003 to 11/18/2003	1867182		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON BLVD (NE CORNER)	ATLANTIC AV	CO	CO	09/02/2003 to 11/18/2003	1867184		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON BLVD (NW CORNER)	ATLANTIC AV	CO	CO	09/02/2003 to 11/18/2003	1867185		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

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Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	COMPTON BLVD (NW CORNER)	ATLANTIC AV	CO	CO	09/02/2003 to 11/18/2003	1867186		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON BLVD (NW CORNER)	COOKACRE AV	CO	CO	09/02/2003 to 11/18/2003	1867189		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S COOKACRE ST (NE CORNER)	E SAN LUIS ST	CO	CO	09/02/2003 to 11/18/2003	1867193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S COOKACRE ST (NW CORNER)	E SAN VINCENTE ST	CO	CO	09/02/2003 to 11/18/2003	1867197	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOKACRE AV (NE CORNER)	SAN VINCENTE ST	CO	CO	09/02/2003 to 11/18/2003	1867199		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITE AV (NE CORNER)	MYRRH ST	CO	CO	09/02/2003 to 11/18/2003	1867212		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELIZABETH ST (NW CORNER)	CARESS AV	CO	CO	09/02/2003 to 11/18/2003	1867223		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELIZABETH ST (NW CORNER)	THORSON AV	CO	CO	09/02/2003 to 11/18/2003	1867226		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARRIS AV (NW CORNER)	ELIZABETH ST	CO	CO	09/02/2003 to 11/18/2003	1867229		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALONDRA BLVD (NE CORNER)	BUTLER AV	CO	CO	09/02/2003 to 11/18/2003	1867239		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITE AV (NW CORNER)	LINSLEY ST	CO	CO	09/02/2003 to 11/18/2003	1867245		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITE AV (NE CORNER)	LINSLEY ST	CO	CO	09/02/2003 to 11/18/2003	1867247		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AVE (NW CORNER)	109TH ST	CO	CO	09/02/2003 to 11/18/2003	1645047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT BLVD (NE CORNER)	NADEAU ST	CO	CO	09/02/2003 to 11/18/2003	1753431	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV (NW CORNER)	124TH ST	CO	CO	09/02/2003 to 11/18/2003	1756357	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROCKETT BLVD (NW CORNER)	74TH ST	CO	CO	09/02/2003 to 11/18/2003	1753463	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (SE CORNER)	131ST ST	CO	CO	09/02/2003 to 11/18/2003	1756113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONA BLVD ( NE CORNER )	135TH ST	CO	CO	09/02/2003 to 11/18/2003	1811213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUSANA RD ( SE CORNER )	ANA ST	CO	CO	09/02/2003 to 11/18/2003	1813095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD ( NE CORNER )	W. BORT ST	CO	CO	09/02/2003 to 11/18/2003	1813102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ATLANTIC AV ( NW CORNER )	ROSECRANS AV	CO	CO	09/02/2003 to 11/18/2003	1866209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	88TH PL ( NW CORNER )	HOOPER AV	CO	CO	09/02/2003 to 11/18/2003	1754337	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	87TH ST ( NW CORNER )	HIKORY ST	CO	CO	09/02/2003 to 11/18/2003	1754216	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROSS ST (SOUTH)	ROSEMONT AVE	CO	CO	09/08/2008 to 03/10/2009	1741076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (NW CORNER)	HOOPER AV	CO	CO	09/08/2008 to 03/10/2009	1753342	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PAMELEE AVE (NW CORNER)	NADEAU ST	CO	CO	09/08/2008 to 03/10/2009	1753385	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POEMA PL (W CORNER)	SOMERSET VILLAGE	CO	CO	09/09/2013 to 03/04/2014	1224037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POEMA PL (W CORNER)	SOMERSET VILLAGE	CO	CO	09/09/2013 to 03/04/2014	1224038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BUDLONG AV (SE CORNER)	W 103RD ST	CO	CO	09/09/2013 to 03/04/2014	1699247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S NORMANDIE AV (NE CORNER)	W 109TH ST	CO	CO	09/09/2013 to 03/04/2014	1700125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 110TH ST (SW CORNER)	S BUDLONG AV	CO	CO	09/09/2013 to 03/04/2014	1700253	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN PEDRO ST (NW CORNER)	122ND ST	CO	CO	09/09/2013 to 03/04/2014	1701001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN PEDRO ST (SE CORNER)	E 122ND ST	CO	CO	09/09/2013 to 03/04/2014	1701005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN PEDRO ST (SW CORNER)	126TH ST	CO	CO	09/09/2013 to 03/04/2014	1701012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SAN PEDRO ST (NE CORNER)	E 126TH ST	CO	CO	09/09/2013 to 03/04/2014	1701014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GERTRUDE AV (SE CORNER)	CLOUD AV	CO	CO	09/09/2013 to 03/04/2014	1740271	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINEGLEN RD (SE CORNER)	SEAPINE LN	CO	CO	09/09/2013 to 03/04/2014	1740336	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMONT AV (N CORNER)	ROCKDELL ST	CO	CO	09/09/2013 to 03/04/2014	1740354	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECONE DR (N CORNER)	STARFALL DR	CO	CO	09/09/2013 to 03/04/2014	1740356	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRMOUNT AV (SE CORNER)	LA CRESCENTA AV	CO	CO	09/09/2013 to 03/04/2014	1741031	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CRESCENTA AV (NE CORNER)	SANBORN AV	CO	CO	09/09/2013 to 03/04/2014	1741032	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMMUNITY AV (NW CORNER)	LA CRESCENTA AV	CO	CO	09/09/2013 to 03/04/2014	1741045	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV (NW CORNER)	E 58TH PL	CO	CO	09/09/2013 to 03/04/2014	1752072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 67TH ST (W CORNER)	HOLMES AV	CO	CO	09/09/2013 to 03/04/2014	1753044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILSON AV (NW CORNER)	E 71ST ST	CO	CO	09/09/2013 to 03/04/2014	1753051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FLORENCE AV (NE CORNER)	WILSON AV	CO	CO	09/09/2013 to 03/04/2014	1753053	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FLORENCE AV (SW CORNER)	CROCKETT BLVD	CO	CO	09/09/2013 to 03/04/2014	1753055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROCKETT BLVD (NE CORNER)	E 73RD ST	CO	CO	09/09/2013 to 03/04/2014	1753058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 73RD ST (NE CORNER)	CROCKETT BLVD	CO	CO	09/09/2013 to 03/04/2014	1753059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 65TH ST (W CORNER)	HOLMES AV	CO	CO	09/09/2013 to 03/04/2014	1753061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E GAGE AV (SE CORNER)	SOUTH AV	CO	CO	09/09/2013 to 03/04/2014	1753063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIRAMONTE BLVD (NE CORNER)	E GAGE AV	CO	CO	09/09/2013 to 03/04/2014	1753067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV (NE CORNER)	E 64TH ST	CO	CO	09/09/2013 to 03/04/2014	1753070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV (NE CORNER)	E 66TH ST	CO	CO	09/09/2013 to 03/04/2014	1753090	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV (NE CORNER)	E 67TH ST	CO	CO	09/09/2013 to 03/04/2014	1753094	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV (NW CORNER)	E 71ST ST	CO	CO	09/09/2013 to 03/04/2014	1753117	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 81ST ST (NW CORNER)	HOOPER AV	CO	CO	09/09/2013 to 03/04/2014	1753335	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV (NW CORNER)	E 74TH ST	CO	CO	09/09/2013 to 03/04/2014	1753350	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 74TH ST (SW CORNER)	HOOPER AV	CO	CO	09/09/2013 to 03/04/2014	1753351	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 77TH ST (NW CORNER)	HOOPER AV	CO	CO	09/09/2013 to 03/04/2014	1753359	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV (NE CORNER)	E 75TH ST	CO	CO	09/09/2013 to 03/04/2014	1753365	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (NE CORNER)	MIRAMONTE BLVD	CO	CO	09/09/2013 to 03/04/2014	1753393	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAIE AV (NW CORNER)	NADEAU ST	CO	CO	09/09/2013 to 03/04/2014	1753394	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (NW CORNER)	BEACH ST	CO	CO	09/09/2013 to 03/04/2014	1753397	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (SW CORNER)	BEACH ST	CO	CO	09/09/2013 to 03/04/2014	1753398	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (SE CORNER)	BEACH ST	CO	CO	09/09/2013 to 03/04/2014	1753399	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT DR (NE CORNER)	NADEAU ST	CO	CO	09/09/2013 to 03/04/2014	1753430	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOU DILLON AV (NW CORNER)	E 78TH ST	CO	CO	09/09/2013 to 03/04/2014	1753448	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOU DILLON AV (NW CORNER)	E 77TH ST	CO	CO	09/09/2013 to 03/04/2014	1753449	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HICKORY ST (NW CORNER)	E FIRESTONE BLVD	CO	CO	09/09/2013 to 03/04/2014	1754047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



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Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	HOOPER AV (NW CORNER)	E 85TH ST	CO	CO	09/09/2013 to 03/04/2014	1754058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 88TH ST (SW CORNER)	MINER ST	CO	CO	09/09/2013 to 03/04/2014	1754220	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 87TH PL	CO	CO	09/09/2013 to 03/04/2014	1754284	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 89TH ST (NE CORNER)	COMPTON AV	CO	CO	09/09/2013 to 03/04/2014	1754290	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARY AV (NW CORNER)	E 89TH ST	CO	CO	09/09/2013 to 03/04/2014	1754296	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 87TH PL (NE CORNER)	ZAMORA AV	CO	CO	09/09/2013 to 03/04/2014	1754323	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 88TH PL (NW CORNER)	ZAMORA AV	CO	CO	09/09/2013 to 03/04/2014	1754327	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 90TH ST (NE CORNER)	ZAMORA AV	CO	CO	09/09/2013 to 03/04/2014	1754334	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 90TH ST (NW CORNER)	ZAMORA AV	CO	CO	09/09/2013 to 03/04/2014	1754336	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BANDERA AV (NW CORNER)	E 118TH ST	CO	CO	09/09/2013 to 03/04/2014	1755362	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV (NW CORNER)	E 122ND ST	CO	CO	09/09/2013 to 03/04/2014	1755367	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILMINGTON AV (NW CORNER)	E 122TH ST	CO	CO	09/09/2013 to 03/04/2014	1755368	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST (SW CORNER)	WILMINGTON AV	CO	CO	09/09/2013 to 03/04/2014	1755369	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (MEDIAN) (NE CORNER)	N WILMINGTON AV	CO	CO	09/09/2013 to 03/04/2014	1756027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (MEDIAN) (SE CORNER)	N WILMINGTON AV	CO	CO	09/09/2013 to 03/04/2014	1756028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (SE CORNER)	N WILMINGTON AV	CO	CO	09/09/2013 to 03/04/2014	1756029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD (NE CORNER)	N WILMINGTON AV	CO	CO	09/09/2013 to 03/04/2014	1756030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 123RD ST (NW CORNER)	WILLOWBROOK AV	CO	CO	09/09/2013 to 03/04/2014	1756034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 126TH ST (NW CORNER)	N WILMINGTON AV	CO	CO	09/09/2013 to 03/04/2014	1756042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOVIS AV (NW CORNER)	E 126TH ST	CO	CO	09/09/2013 to 03/04/2014	1756064	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 127TH ST (SW CORNER)	S AVALON BLVD	CO	CO	09/09/2013 to 03/04/2014	1756159	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BLVD (SE CORNER)	E 122TH ST	CO	CO	09/09/2013 to 03/04/2014	1756174	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN AV (E CORNER)	BRIGGS AV	CO	CO	09/09/2013 to 03/04/2014	1796048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N OCEAN VIEW BLVD (SE CORNER)	PARK AV	CO	CO	09/09/2013 to 03/04/2014	1796069	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N OCEAN VIEW BLVD (NE CORNER)	BARTON LN	CO	CO	09/09/2013 to 03/04/2014	1796070	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST (SW CORNER)	S MONA BLVD	CO	CO	09/09/2013 to 03/04/2014	1810168	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 119TH ST (SW CORNER)	S MONA BLVD	CO	CO	09/09/2013 to 03/04/2014	1810170	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (NW CORNER)	WILLOWBROOK AV	CO	CO	09/09/2013 to 03/04/2014	1811148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (SE CORNER)	WILLOWBROOK AV	CO	CO	09/09/2013 to 03/04/2014	1811153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (NW CORNER)	WILLOWBROOK AV	CO	CO	09/09/2013 to 03/04/2014	1811171	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ANA ST (W CORNER)	S REYES AVE	CO	CO	09/09/2013 to 03/04/2014	1814009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALMA AV (S CORNER)	ATWOOD ST	CO	CO	09/09/2013 to 03/04/2014	1859006	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SNOW DR (SW CORNER)	MILLER AV	CO	CO	09/09/2013 to 03/04/2014	1859047	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EASTERN AV (N CORNER)	N MARIANNA AV	CO	CO	09/09/2013 to 03/04/2014	1859065	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BLANCHARD ST (SE CORNER)	LOPEZ AV	CO	CO	09/09/2013 to 03/04/2014	1859070	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITESIDE ST (SW CORNER)	ADKISSON AV	CO	CO	09/09/2013 to 03/04/2014	1859189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOLSOM ST (NE2 CORNER)	CORDOVA AV	CO	CO	09/09/2013 to 03/04/2014	1860012	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HAZARD AV (NW CORNER)	FLORAL DR	CO	CO	09/09/2013 to 03/04/2014	1860023	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR (NW CORNER)	N HUMPHREYS AV	CO	CO	09/09/2013 to 03/04/2014	1860028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMMEL ST (NW CORNER)	N BRANNICK AV	CO	CO	09/09/2013 to 03/04/2014	1860048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MARIANNA AV (NW CORNER)	HAMMEL ST	CO	CO	09/09/2013 to 03/04/2014	1860051	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RECORD AV (SW CORNER)	DOZIER ST	CO	CO	09/09/2013 to 03/04/2014	1860052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CESAR CHAVEZ AV (NW CORNER)	N EASTERN AV	CO	CO	09/09/2013 to 03/04/2014	1860068	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN CARLOS ST (E CORNER)	E CESAR E CHAVEZ AV	CO	CO	09/09/2013 to 03/04/2014	1860074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST (NW CORNER)	S DITMAN AV	CO	CO	09/09/2013 to 03/04/2014	1860176	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST (NW CORNER)	NASSAU AV	CO	CO	09/09/2013 to 03/04/2014	1860179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 5TH ST (NW CORNER)	S DITMAN AV	CO	CO	09/09/2013 to 03/04/2014	1860181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 4TH ST (SE CORNER)	S EASTERN AV	CO	CO	09/09/2013 to 03/04/2014	1860219	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S COOKACRE ST (NW CORNER)	E COMPTON BLVD	CO	CO	09/09/2013 to 03/04/2014	1867188	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S COOKACRE ST (NE CORNER)	E SAN VICENTE ST	CO	CO	09/09/2013 to 03/04/2014	1867198	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MYRRH ST (NW CORNER)	S WHITE AV	CO	CO	09/09/2013 to 03/04/2014	1867214	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ELIZABETH ST (NE CORNER)	S CARESS AV	CO	CO	09/09/2013 to 03/04/2014	1867225	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LINSLEY ST (NW CORNER)	S WHITE AV	CO	CO	09/09/2013 to 03/04/2014	1867244	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLARD CANYON RD (N CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1905004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W ALTADENA DR (SE CORNER)	CRESTFORD DR	CO	CO	09/09/2013 to 03/04/2014	1906036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W MARIPOSA ST (S CORNER)	CALANDA AV	CO	CO	09/09/2013 to 03/04/2014	1906092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALM ST (NE CORNER)	EWING AV	CO	CO	09/09/2013 to 03/04/2014	1906125	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MARIPOSA ST (NE CORNER)	SANTA ANITA AV	CO	CO	09/09/2013 to 03/04/2014	1906159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GIDDINGS RANCH RD (S CORNER)	OWEN CT	CO	CO	09/09/2013 to 03/04/2014	1906196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AV (SE CORNER)	LA VINA LN	CO	CO	09/09/2013 to 03/04/2014	1906197	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AV (SW2 CORNER)	LA VINA LN	CO	CO	09/09/2013 to 03/04/2014	1906198	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AV (SW1 CORNER)	LA VINA LN	CO	CO	09/09/2013 to 03/04/2014	1906199	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA VINA LN (SW CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906200	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA VINA LN (SW2 CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA VINA LN (NW2 CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906202	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA VINA LN (NW CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906203	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AV (NW CORNER)	LA VINA LN	CO	CO	09/09/2013 to 03/04/2014	1906204	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AV (NE CORNER)	LA VINA LN	CO	CO	09/09/2013 to 03/04/2014	1906205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA VINA LN (NE CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA VINA LN (SE CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906207	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

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Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	GIDDINGS RANCH RD (NW CORNER)	LA VINA LN	CO	CO	09/09/2013 to 03/04/2014	1906208	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GIDDINGS RANCH RD (NE CORNER)	LA VINA LN	CO	CO	09/09/2013 to 03/04/2014	1906209	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GIDDINGS RANCH RD (NW CORNER)	OWEN CT	CO	CO	09/09/2013 to 03/04/2014	1906210	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GIDDINGS RANCH RD (NE CORNER)	OWEN CT	CO	CO	09/09/2013 to 03/04/2014	1906211	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OWEN CT (NE CORNER)	GIDDINGS RANCH RD	CO	CO	09/09/2013 to 03/04/2014	1906212	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OWEN CT (SE CORNER)	GIDDINGS RANCH RD	CO	CO	09/09/2013 to 03/04/2014	1906213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GABRIELINO CT (SW CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GABRIELINO CT (NW CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AV (NW CORNER)	GABRIELINO CT	CO	CO	09/09/2013 to 03/04/2014	1906216	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AV (NE CORNER)	GABRIELINO CT	CO	CO	09/09/2013 to 03/04/2014	1906217	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERITAGE OAK CT (SW CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906218	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERITAGE OAK CT (NW CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906219	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AV (NW CORNER)	HERITAGE OAK CT	CO	CO	09/09/2013 to 03/04/2014	1906220	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LINCOLN AV (NE CORNER)	HERITAGE OAK CT	CO	CO	09/09/2013 to 03/04/2014	1906221	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLARD CANYON RD (SW CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906222	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLARD CANYON RD (SW CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906223	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLARD CANYON RD (SE CORNER)	LINCOLN AV	CO	CO	09/09/2013 to 03/04/2014	1906224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILDROSECANYON CT (SW1 CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILDROSECANYON CT (SW2 CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906226	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILDROSECANYON CT (NW CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (NW CORNER)	WILDROSECANYON CT	CO	CO	09/09/2013 to 03/04/2014	1906228	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHAPARRAL CT (SW CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906229	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHAPARRAL CT (NW1 CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHAPARRAL CT (NW2 CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHAPARRAL CT (NW3 CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906232	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (NW CORNER)	CHAPARRAL CT	CO	CO	09/09/2013 to 03/04/2014	1906233	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (NE CORNER)	CHAPARRAL CT	CO	CO	09/09/2013 to 03/04/2014	1906234	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHAPARRAL CT (NE CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906235	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHAPARRAL CT (SE CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906236	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (NE CORNER)	WILDROSECANYON CT	CO	CO	09/09/2013 to 03/04/2014	1906237	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARTWELL CT (SW1 CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906238	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARTWELL CT (SW2 CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906239	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARTWELL CT (NW1 CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906240	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARTWELL CT (NW2 CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906241	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (NW CORNER)	HARTWELL CT	CO	CO	09/09/2013 to 03/04/2014	1906242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (NW CORNER)	HARTWELL CT	CO	CO	09/09/2013 to 03/04/2014	1906243	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROWN CT (SW CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROWN CT (NW CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906245	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (NW CORNER)	BROWN CT	CO	CO	09/09/2013 to 03/04/2014	1906246	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (NW CORNER)	BROWN CT	CO	CO	09/09/2013 to 03/04/2014	1906247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLARD CANYON RD (SW CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLARD CANYON RD (SW CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLARD CANYON RD (NW CORNER)	SUNSET RIDGE RD	CO	CO	09/09/2013 to 03/04/2014	1906250	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (NW CORNER)	MILLARD CANYON RD	CO	CO	09/09/2013 to 03/04/2014	1906251	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (SE CORNER)	MILLARD CANYON RD	CO	CO	09/09/2013 to 03/04/2014	1906252	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COATE CT (NW CORNER)	MILLARD CANYON RD	CO	CO	09/09/2013 to 03/04/2014	1906253	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LUNA CT (NW1 CORNER)	COATE CT	CO	CO	09/09/2013 to 03/04/2014	1906254	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LUNA CT (NW2 CORNER)	COATE CT	CO	CO	09/09/2013 to 03/04/2014	1906255	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LUNA CT (NE1 CORNER)	COATE CT	CO	CO	09/09/2013 to 03/04/2014	1906256	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LUNA CT (NE2 CORNER)	COATE CT	CO	CO	09/09/2013 to 03/04/2014	1906257	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COATE CT (NE CORNER)	LUNA CT	CO	CO	09/09/2013 to 03/04/2014	1906258	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COATE CT (SE CORNER)	LUNA CT	CO	CO	09/09/2013 to 03/04/2014	1906259	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LILAC CANYON LN (NW CORNER)	COATE CT	CO	CO	09/09/2013 to 03/04/2014	1906260	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LILAC CANYON LN (NW CORNER)	COATE CT	CO	CO	09/09/2013 to 03/04/2014	1906261	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LILAC CANYON LN (NE CORNER)	COATE CT	CO	CO	09/09/2013 to 03/04/2014	1906262	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LILAC CANYON LN (NE CORNER)	COATE CT	CO	CO	09/09/2013 to 03/04/2014	1906263	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COATE CT (NE CORNER)	LILAC CANYON LN	CO	CO	09/09/2013 to 03/04/2014	1906264	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COATE CT (SE CORNER)	LILAC CANYON LN	CO	CO	09/09/2013 to 03/04/2014	1906265	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ARIZONA AV (SW CORNER)	E CESAR E CHAVEZ AV	CO	CO	09/09/2013 to 03/04/2014	1914060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRASER AV (NW CORNER)	EAGLE ST	CO	CO	09/09/2013 to 03/04/2014	1914133	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 4TH ST (SE CORNER)	S FERRIS AV	CO	CO	09/09/2013 to 03/04/2014	1914135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST (NE CORNER)	S ATLANTIC BLVD	CO	CO	09/09/2013 to 03/04/2014	1914167	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SADLER AV (SE CORNER)	MARGARET AV	CO	CO	09/09/2013 to 03/04/2014	1914201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (SE CORNER)	WOODS AV	CO	CO	09/09/2013 to 03/04/2014	1915085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERONA ST (NW CORNER)	GOODRICH BLVD	CO	CO	09/09/2013 to 03/04/2014	1915183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BLVD (SE CORNER)	HENRICKS AV	CO	CO	09/09/2013 to 03/04/2014	1915334	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALM ST (NW CORNER)	REPOSA LN	CO	CO	09/09/2013 to 03/04/2014	1960075	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALM ST (SW CORNER)	REPOSA LN	CO	CO	09/09/2013 to 03/04/2014	1960076	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CREST DR (NW CORNER)	PORTER AV	CO	CO	09/09/2013 to 03/04/2014	1960093	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WINTERHAVEN LN (S CORNER)	WOODGLEN LN	CO	CO	09/09/2013 to 03/04/2014	1960103	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	NORTHAVEN LN (S CORNER)	WOODGLEN LN	CO	CO	09/09/2013 to 03/04/2014	1960104	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECREST DR (SE CORNER)	MOUNT WILSON RD	CO	CO	09/09/2013 to 03/04/2014	1960141	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALTADENA DR (NW CORNER)	E WASHINGTON BLVD	CO	CO	09/09/2013 to 03/04/2014	2014038	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WASHINGTON BLVD (NW CORNER)	N ALTADENA DR	CO	CO	09/09/2013 to 03/04/2014	2014098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ROSEMEAD BLVD (NW CORNER)	E DEL MAR BLVD	CO	CO	09/09/2013 to 03/04/2014	2016053	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHIGAN BLVD (NE2 CORNER)	E CALIFORNIA BLVD	CO	CO	09/09/2013 to 03/04/2014	2016286	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N VISTA ST (SE CORNER)	LARKDALE RD	CO	CO	09/09/2013 to 03/04/2014	2017003	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA PRESA DR (NE CORNER)	E DUARTE RD	CO	CO	09/09/2013 to 03/04/2014	2017016	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N PROVENCE RD (NE CORNER)	E RAVENDALE RD	CO	CO	09/09/2013 to 03/04/2014	2017106	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ROSEMEAD BLVD (NE CORNER)	SULTANA AV	CO	CO	09/09/2013 to 03/04/2014	2017262	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LORAIN RD (W CORNER)	N WILLARD AV	CO	CO	09/09/2013 to 03/04/2014	2017267	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SPRR (NE CORNER)	N BARTLET AV	CO	CO	09/09/2013 to 03/04/2014	2018283	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV (SW CORNER)	E LITTLESTONE DR	CO	CO	09/09/2013 to 03/04/2014	2018284	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AV (NE CORNER)	E LITTLESTONE DR	CO	CO	09/09/2013 to 03/04/2014	2018286	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN GABRIEL BLVD (NW CORNER)	SIERRA BONITA AV	CO	CO	09/09/2013 to 03/04/2014	2020188	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL MAR AV (NW CORNER)	REDDING AV	CO	CO	09/09/2013 to 03/04/2014	2020198	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (NE2 CORNER)	FREER ST	CO	CO	09/09/2013 to 03/04/2014	2121067	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (MEDIAN)	N WILMINGTON AVE	CO	CO	09/09/2013 to 03/04/2014	1756365	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (MEDIAN)	WILMINGTON AVE	CO	CO	09/09/2013 to 03/04/2014	1756367	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MUSCATEL AVE (CUL DE SAC)	E LITTLESTONE DR	CO	CO	09/09/2013 to 03/04/2014	2018375	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAZARD AVE (NE CORNER)	FLORAL DR	CO	CO	09/09/2013 to 03/04/2014	1860024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	W 90TH ST	CO	CO	09/13/2004 to 02/02/2005	1699140	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	9024 VERMONT AVE (SE CORNER)		CO	CO	09/13/2004 to 02/02/2005	1699150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BUDLONG AV (NW CORNER)	W 97TH ST	CO	CO	09/13/2004 to 02/02/2005	1699196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 97TH ST (S CORNER)	BUDLONG AV	CO	CO	09/13/2004 to 02/02/2005	1699202	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SE CORNER)	W 98TH ST	CO	CO	09/13/2004 to 02/02/2005	1699226	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTURY BLVD (NW CORNER)	BUDLONG AV	CO	CO	09/13/2004 to 02/02/2005	1699229	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	121ST ST (SW CORNER)	MAIN ST	CO	CO	09/13/2004 to 02/02/2005	1700235	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 71ST ST	CO	CO	09/13/2004 to 02/02/2005	1753205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 64TH ST	CO	CO	09/13/2004 to 02/02/2005	1753072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E GAGE AV	CO	CO	09/13/2004 to 02/02/2005	1753074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 76TH ST (NW CORNER)	COMPTON AV	CO	CO	09/13/2004 to 02/02/2005	1753371	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 76TH ST	CO	CO	09/13/2004 to 02/02/2005	1753372	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	76TH ST (NE CORNER)	COMPTON AVE	CO	CO	09/13/2004 to 02/02/2005	1753373	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 82ND PL	CO	CO	09/13/2004 to 02/02/2005	1753403	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROCKETT BLVD (NE CORNER)	E 83RD ST	CO	CO	09/13/2004 to 02/02/2005	1753415	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E FIRESTONE BLVD	CO	CO	09/13/2004 to 02/02/2005	1754278	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 87TH PL (NW CORNER)	COMPTON AV	CO	CO	09/13/2004 to 02/02/2005	1754282	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 87TH PL	CO	CO	09/13/2004 to 02/02/2005	1754283	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 87TH PL (N CORNER)	COMPTON AV	CO	CO	09/13/2004 to 02/02/2005	1754285	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 89TH ST	CO	CO	09/13/2004 to 02/02/2005	1754292	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 89TH ST (NW CORNER)	COMPTON AV	CO	CO	09/13/2004 to 02/02/2005	1754293	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 118TH PL	CO	CO	09/13/2004 to 02/02/2005	1755297	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E 117TH PL	CO	CO	09/13/2004 to 02/02/2005	1755300	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 118TH PL	CO	CO	09/13/2004 to 02/02/2005	1755304	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (S CORNER)	N GRANDEE AV	CO	CO	09/13/2004 to 02/02/2005	1756045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRANDEE AV (SW CORNER)	E 124TH ST	CO	CO	09/13/2004 to 02/02/2005	1756048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (SE CORNER)	E 124TH ST	CO	CO	09/13/2004 to 02/02/2005	1756051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (E CORNER)	E 123RD ST	CO	CO	09/13/2004 to 02/02/2005	1756054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BLVD (NW CORNER)	E 124TH ST	CO	CO	09/13/2004 to 02/02/2005	1756067	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	126TH ST (W CORNER)	CLOVIS AVE.	CO	CO	09/13/2004 to 02/02/2005	1756070	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (SW CORNER)	CENTRAL AV	CO	CO	09/13/2004 to 02/02/2005	1756115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOVIS AV (W CORNER)	E 131ST ST	CO	CO	09/13/2004 to 02/02/2005	1756118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STANFORD AV (SE CORNER)	E 131ST ST	CO	CO	09/13/2004 to 02/02/2005	1756130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STANFORD AV (NE CORNER)	E 131ST ST	CO	CO	09/13/2004 to 02/02/2005	1756135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S AVALON BLVD (SW CORNER)	E 135TH ST	CO	CO	09/13/2004 to 02/02/2005	1756179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 135TH ST (SE CORNER)	TRAUB AV	CO	CO	09/13/2004 to 02/02/2005	1756183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 135TH ST (NW CORNER)	S MCKINLEY AV	CO	CO	09/13/2004 to 02/02/2005	1756188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV (NW CORNER)	E 136TH ST	CO	CO	09/13/2004 to 02/02/2005	1756191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 137TH ST (NW CORNER)	MCKINLEY AV	CO	CO	09/13/2004 to 02/02/2005	1756194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 138TH ST (NW CORNER)	MCKINLEY AV	CO	CO	09/13/2004 to 02/02/2005	1756197	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 131ST ST (NW CORNER)	S CENTRAL AV	CO	CO	09/13/2004 to 02/02/2005	1756361	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PALM PL (NE CORNER)	S SANTA FE AVE	CO	CO	09/13/2004 to 02/02/2005	1808274	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHORT ST (SW CORNER)	S SANTA FE AVE	CO	CO	09/13/2004 to 02/02/2005	1808281	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLE PL (SE CORNER)	S SANTA FE AVE	CO	CO	09/13/2004 to 02/02/2005	1808284	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (NW CORNER)	INDEPENDENCE AV	CO	CO	09/13/2004 to 02/02/2005	1809092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KALMIA ST (NW CORNER)	E 9TH ST	CO	CO	09/13/2004 to 02/02/2005	1809377	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARANBE AV (NE CORNER)	E PIRU ST	CO	CO	09/13/2004 to 02/02/2005	1811185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E VIA MONDO (NW CORNER)	S SUSANA RD	CO	CO	09/13/2004 to 02/02/2005	1813004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E VIA MONDO (N CORNER)	S SUSANA RD	CO	CO	09/13/2004 to 02/02/2005	1813007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E VICTORIA ST (N CORNER)		CO	CO	09/13/2004 to 02/02/2005	1813067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOMESTEAD PL (NW CORNER)	S ALAMEDA ST	CO	CO	09/13/2004 to 02/02/2005	1813075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (E CORNER)	E ANA ST	CO	CO	09/13/2004 to 02/02/2005	1813092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUSANA RD (NE CORNER)	MARIA ST	CO	CO	09/13/2004 to 02/02/2005	1813097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIANNA AV (W CORNER)	CAPISTANO WY	CO	CO	09/13/2004 to 02/02/2005	1860075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAPISTRANO WAY (NE CORNER)	MARIANNA AVE	CO	CO	09/13/2004 to 02/02/2005	1860077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARIANNA AV (E CORNER)	CAPISTANO WY	CO	CO	09/13/2004 to 02/02/2005	1860078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN CARLOS ST (NE CORNER)	MICHIGAN AV	CO	CO	09/13/2004 to 02/02/2005	1860079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMELITA AV (NE CORNER)	MICHIGAN AV	CO	CO	09/13/2004 to 02/02/2005	1860080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GIFFORD AV (NE CORNER)	MICHIGAN AV	CO	CO	09/13/2004 to 02/02/2005	1860081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHIGAN AV (SW CORNER)	SUNOL DR	CO	CO	09/13/2004 to 02/02/2005	1860082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHIGAN AV (NW CORNER)	SUNOL DR	CO	CO	09/13/2004 to 02/02/2005	1860083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNOL DR (W CORNER)	MICHIGAN AV	CO	CO	09/13/2004 to 02/02/2005	1860084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHIGAN AV (SE CORNER)	SUNOL DR	CO	CO	09/13/2004 to 02/02/2005	1860085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHIGAN AV (SE CORNER)	GIFFORD AV	CO	CO	09/13/2004 to 02/02/2005	1860086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEASON AVE. (NW CORNER)	SUNOL DR	CO	CO	09/13/2004 to 02/02/2005	1860109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEASON ST (S CORNER)	BONNIE BEACH PL	CO	CO	09/13/2004 to 02/02/2005	1860230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORD BLVD (NW CORNER)	4TH ST	CO	CO	09/13/2004 to 02/02/2005	1860247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORD BLVD (NE CORNER)	4TH ST	CO	CO	09/13/2004 to 02/02/2005	1860248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORD BLVD (SW CORNER)	EAGLE ST	CO	CO	09/13/2004 to 02/02/2005	1860252	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORD BLVD (SE CORNER)	EAGLE ST	CO	CO	09/13/2004 to 02/02/2005	1860253	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	5TH ST (N CORNER)	GAGE AV	CO	CO	09/13/2004 to 02/02/2005	1860255	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	5TH ST (S CORNER)	GAGE AV	CO	CO	09/13/2004 to 02/02/2005	1860256	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	5TH ST (N CORNER)	BONNIE BEACH PL	CO	CO	09/13/2004 to 02/02/2005	1860257	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	5TH ST (S CORNER)	BONNIE BEACH PL	CO	CO	09/13/2004 to 02/02/2005	1860258	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	6TH ST (N CORNER)	RECORD AV	CO	CO	09/13/2004 to 02/02/2005	1860259	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	6TH ST (S CORNER)	RECORD AV	CO	CO	09/13/2004 to 02/02/2005	1860260	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRINCETON ST (S CORNER)	RECORD AV	CO	CO	09/13/2004 to 02/02/2005	1860261	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RECORD AV (SW CORNER)	PRINCETON ST	CO	CO	09/13/2004 to 02/02/2005	1860262	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD AVE. (SW CORNER)	BONNIE BEACH PL	CO	CO	09/13/2004 to 02/02/2005	1860265	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMELITA AV (NW CORNER)	MICHIGAN AV	CO	CO	09/13/2004 to 02/02/2005	1860278	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERBERT AV (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERBERT AV (NE CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NW CORNER)	RECORD AV	CO	CO	09/13/2004 to 02/02/2005	1861004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S RECORD AV (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S RECORD AV (NE CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BONNIE BEACH PL (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BONNIE BEACH PL (NE CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NE CORNER)	DOWNEY RD	CO	CO	09/13/2004 to 02/02/2005	1861011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORD BLVD (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORD BLVD (NE CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RECORD AV (SW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RECORD AV (SE CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERBERT AV (W CORNER)	DENNISON ST	CO	CO	09/13/2004 to 02/02/2005	1861019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERBERT AV (E CORNER)	DENNISON ST	CO	CO	09/13/2004 to 02/02/2005	1861020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORD BLVD (NW CORNER)	MINES ST	CO	CO	09/13/2004 to 02/02/2005	1861028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORD BLVD (NE CORNER)	MINES ST	CO	CO	09/13/2004 to 02/02/2005	1861029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BURGER AV (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BURGER AV (NE CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NW CORNER)	FORD BLVD	CO	CO	09/13/2004 to 02/02/2005	1861069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORD BLVD (NE CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUNCAN AV (SE CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NE CORNER)	FORD BLVD	CO	CO	09/13/2004 to 02/02/2005	1861072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NE CORNER)	DUNCAN AV	CO	CO	09/13/2004 to 02/02/2005	1861073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NE CORNER)	MCBRIDE AV	CO	CO	09/13/2004 to 02/02/2005	1861074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCBRIDE AV (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NE CORNER)	MCBRIDE AV	CO	CO	09/13/2004 to 02/02/2005	1861076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMA AV (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NW CORNER)	HICKS AV	CO	CO	09/13/2004 to 02/02/2005	1861085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HICKS AV (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NE CORNER)	HICKS AV	CO	CO	09/13/2004 to 02/02/2005	1861087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DITMAN AV (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NW CORNER)	TOWNSEND AV	CO	CO	09/13/2004 to 02/02/2005	1861090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNSEND AV (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNSEND AV (NE CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROWAN AV (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROWAN AV (NE CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NW CORNER)	ROWAN AV	CO	CO	09/13/2004 to 02/02/2005	1861097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTMAN AV (NW CORNER)	WHITTIER BLVD	CO	CO	09/13/2004 to 02/02/2005	1861098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD. (NW CORNER)	EASTMAN AVE.	CO	CO	09/13/2004 to 02/02/2005	1861099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris





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County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	BEVERLY DR (NE CORNER)	WILLARD AV	CO	CO	09/13/2004 to 02/02/2005	2017173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEVERLY DR (SE CORNER)	WILLARD AV	CO	CO	09/13/2004 to 02/02/2005	2017174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N WILLARD AV (SW CORNER)	RUTHLEE AV	CO	CO	09/13/2004 to 02/02/2005	2017178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N WILLARD AV (SE CORNER)	RUTHLEE AV	CO	CO	09/13/2004 to 02/02/2005	2017179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA ST (NW CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA ST (W CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA ST (NE CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA ST (E CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONGDEN AV (E CORNER)	VISTA ST	CO	CO	09/13/2004 to 02/02/2005	2017191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N BURTON AV (NW CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONGDEN AV (NE CORNER)	N BURTON AV	CO	CO	09/13/2004 to 02/02/2005	2017194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEMON AV (NW CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEMON AV (NW CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017197	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEMON AV (NE CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017198	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONGDEN AV (NW CORNER)	AVON AV	CO	CO	09/13/2004 to 02/02/2005	2017199	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVON AV (NW CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVON AV (NE CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017202	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONGDEN AV (NW CORNER)	MUSCATEL AV	CO	CO	09/13/2004 to 02/02/2005	2017203	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUSCATEL AV (NW CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUSCATEL AV (NE CORNER)	LONGDEN AV	CO	CO	09/13/2004 to 02/02/2005	2017206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EMPEROR AV (SE CORNER)	MUSCATEL AV	CO	CO	09/13/2004 to 02/02/2005	2017210	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EMPEROR AV (NE CORNER)	MUSCATEL AV	CO	CO	09/13/2004 to 02/02/2005	2017211	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALLITA ST (SE CORNER)	MUSCATEL AV	CO	CO	09/13/2004 to 02/02/2005	2017213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALLITA ST (NE CORNER)	MUSCATEL AV	CO	CO	09/13/2004 to 02/02/2005	2017214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUSCATEL AV (NE CORNER)	CALLITA ST	CO	CO	09/13/2004 to 02/02/2005	2017215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERMOSA DR (SE CORNER)	EARLE ST	CO	CO	09/13/2004 to 02/02/2005	2018082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL LOMA AV (NW CORNER)	HERMOSA DR	CO	CO	09/13/2004 to 02/02/2005	2018083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL LOMA AV (NE CORNER)	HERMOSA DR	CO	CO	09/13/2004 to 02/02/2005	2018084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERMOSA DR (E CORNER)	DEL LOMA AV	CO	CO	09/13/2004 to 02/02/2005	2018085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERMOSA DR (SE CORNER)	CHARLOTTE AV	CO	CO	09/13/2004 to 02/02/2005	2018091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELM AV (NE CORNER)	CHARLOTTE AV	CO	CO	09/13/2004 to 02/02/2005	2018094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELM AV (SE CORNER)	CHARLOTTE AV	CO	CO	09/13/2004 to 02/02/2005	2018095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARLOTTE AV (SW CORNER)	LIVE OAK AVE.	CO	CO	09/13/2004 to 02/02/2005	2018111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARLOTTE AVE. (NW CORNER)	LIVE OAK AVE.	CO	CO	09/13/2004 to 02/02/2005	2018112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BARELA AV (NW CORNER)	BARELA AV	CO	CO	09/13/2004 to 02/02/2005	2070104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CAMINO REAL AV (E CORNER)	BARELA AV	CO	CO	09/13/2004 to 02/02/2005	2070106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GOLDEN WEST AV (NW CORNER)	LEMON AV	CO	CO	09/13/2004 to 02/02/2005	2070109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GOLDEN WEST AV (NE CORNER)	LEMON AV	CO	CO	09/13/2004 to 02/02/2005	2070110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEMON AV (NE CORNER)	GOLDEN WEST AV	CO	CO	09/13/2004 to 02/02/2005	2070111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EMPEROR AV (SE CORNER)	GOLDEN WEST AV	CO	CO	09/13/2004 to 02/02/2005	2070113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GOLDEN WEST AV (NE CORNER)	EMPEROR AV	CO	CO	09/13/2004 to 02/02/2005	2070115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EMPEROR AV (SW CORNER)	GOLDEN WEST AV	CO	CO	09/13/2004 to 02/02/2005	2070116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EMPEROR AV (NW CORNER)	GOLDEN WEST AV	CO	CO	09/13/2004 to 02/02/2005	2070117	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GOLDEN WEST AV (NW CORNER)	EMPEROR AV	CO	CO	09/13/2004 to 02/02/2005	2070118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALLITA ST (SW CORNER)	GOLDEN WEST AV	CO	CO	09/13/2004 to 02/02/2005	2070119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALLITA ST (NW CORNER)	GOLDEN WEST AV	CO	CO	09/13/2004 to 02/02/2005	2070120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GOLDEN WEST AV (NW CORNER)	CALLITA ST	CO	CO	09/13/2004 to 02/02/2005	2070121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAMINO REAL AV (SW CORNER)	GOLDEN WEST AV	CO	CO	09/13/2004 to 02/02/2005	2070123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAMINO REAL AV (NW CORNER)	GOLDEN WEST AV	CO	CO	09/13/2004 to 02/02/2005	2070124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GOLDEN WEST AV (NW CORNER)	CAMINO REAL AV	CO	CO	09/13/2004 to 02/02/2005	2070125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GOLDEN WEST AV (NE CORNER)	CAMINO REAL AV	CO	CO	09/13/2004 to 02/02/2005	2070126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAMINO REAL AV (NE CORNER)	GOLDEN WEST AV	CO	CO	09/13/2004 to 02/02/2005	2070127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAMINO REAL AV (SE CORNER)	GOLDEN WEST AV	CO	CO	09/13/2004 to 02/02/2005	2070128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	139TH ST ( NW CORNER )	MCKINLEY AVE.	CO	CO	09/13/2004 to 02/02/2005	1756201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	UNION PACIFIC AV ( S CORNER )	TOWNSEND AV	CO	CO	09/13/2004 to 02/02/2005	1861145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEONARD AVE. ( SW CORNER )	ALLSTON ST.	CO	CO	09/13/2004 to 02/02/2005	1915283	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARDENALE AVE. (NW CORNER )	N MUSCATEL AVE.	CO	CO	09/13/2004 to 02/02/2005	2017027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LESLIE DR ( NW CORNER )	DEL LOMA AV	CO	CO	09/13/2004 to 02/02/2005	2017138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LESLIE DR ( SW CORNER )	DEL LOMA AV	CO	CO	09/13/2004 to 02/02/2005	2018086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ROWAN AVE (NE CORNER)	UNION PACIFIC AVE	CO	CO	09/13/2004 to 02/02/2005	1861146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BOX CANYON RD (N CORNER)	SUMAC RD	CO	CO	10/19/2011 to 03/16/2012	1187002	Inlet	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COCHISE PL (SW CORNER)	PEAK RD	CO	CO	10/19/2011 to 03/16/2012	1224039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COCHISE PL (SE CORNER)	PEAK RD	CO	CO	10/19/2011 to 03/16/2012	1224040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEAK RD (NW CORNER)	LENOPE PL	CO	CO	10/19/2011 to 03/16/2012	1224041	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEAK RD (N CORNER)	LENOPE PL	CO	CO	10/19/2011 to 03/16/2012	1224042	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEAK RD (W CORNER)	LENOPE PL	CO	CO	10/19/2011 to 03/16/2012	1224043	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEAK RD (NE CORNER)	LENOPE PL	CO	CO	10/19/2011 to 03/16/2012	1224044	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LENOPE PL (NE CORNER)	PEAK RD	CO	CO	10/19/2011 to 03/16/2012	1224045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LENOPE PL (SE CORNER)	PEAK RD	CO	CO	10/19/2011 to 03/16/2012	1224046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEAK RD (W CORNER)	TAIMA AV	CO	CO	10/19/2011 to 03/16/2012	1224047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



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Date: 09/22/2016  
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Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	PEAK RD (NE CORNER)	TAIMA AV	CO	CO	10/19/2011 to 03/16/2012	1224048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HIALEAH WY (NW CORNER)	LA QUILLA DR	CO	CO	10/19/2011 to 03/16/2012	1224049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HIALEAH WY (SW CORNER)	LA QUILLA DR	CO	CO	10/19/2011 to 03/16/2012	1224050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HIALEAH WY (NW CORNER)	LA QUILLA DR	CO	CO	10/19/2011 to 03/16/2012	1224051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HIALEAH WY (SW CORNER)	LA QUILLA DR	CO	CO	10/19/2011 to 03/16/2012	1224052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 107TH ST (SW CORNER)	S NORMANDIE AV	CO	CO	10/19/2011 to 03/16/2012	1645033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAYMONT AV (NW CORNER)	MARY ST	CO	CO	10/19/2011 to 03/16/2012	1741056	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRMONT AVE (NE CORNER)	ROSEMONT AV	CO	CO	10/19/2011 to 03/16/2012	1741069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROSPECT AV (SW CORNER)	ROSEMONT AV	CO	CO	10/19/2011 to 03/16/2012	1741264	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 59TH ST (NW CORNER)	HOOPER AV	CO	CO	10/19/2011 to 03/16/2012	1752085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (SW CORNER)	S CENTRAL AV	CO	CO	10/19/2011 to 03/16/2012	1756079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELHAVEN AV (SE CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELHAVEN AV (SW CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (SW CORNER)	BELHAVEN AV	CO	CO	10/19/2011 to 03/16/2012	1756084	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOVIS AV (SE CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOVIS AV (SW CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (SW CORNER)	CLOVIS AV	CO	CO	10/19/2011 to 03/16/2012	1756089	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (SW CORNER)	CLOVIS AV	CO	CO	10/19/2011 to 03/16/2012	1756090	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (SW CORNER)	CLOVIS AV	CO	CO	10/19/2011 to 03/16/2012	1756091	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KEENE AV (SE CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KEENE AV (SW CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756095	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KEENE AV (SW CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756096	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (SE CORNER)	WADSWORTH B	CO	CO	10/19/2011 to 03/16/2012	1756097	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (SW CORNER)	WADSWORTH B	CO	CO	10/19/2011 to 03/16/2012	1756098	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (NW CORNER)	WADSWORTH B	CO	CO	10/19/2011 to 03/16/2012	1756100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (NE CORNER)	WADSWORTH B	CO	CO	10/19/2011 to 03/16/2012	1756103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (NW CORNER)	CLOVIS AV	CO	CO	10/19/2011 to 03/16/2012	1756106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (NE CORNER)	CLOVIS AV	CO	CO	10/19/2011 to 03/16/2012	1756108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV (SE CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756140	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV (SW CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (W CORNER)	MCKINLEY AV	CO	CO	10/19/2011 to 03/16/2012	1756142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STANFORD AV (SE CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756143	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (SW CORNER)	STANFORD AV	CO	CO	10/19/2011 to 03/16/2012	1756145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (SW CORNER)	STANFORD AV	CO	CO	10/19/2011 to 03/16/2012	1756146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (NW CORNER)	MCKINLEY AV	CO	CO	10/19/2011 to 03/16/2012	1756148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S AVALON BLVD (SE CORNER)	E EL SEGUNDO BLVD	CO	CO	10/19/2011 to 03/16/2012	1756150	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (NW CORNER)	S AVALON BLVD	CO	CO	10/19/2011 to 03/16/2012	1756155	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E EL SEGUNDO BLVD (NW CORNER)	S AVALON BLVD	CO	CO	10/19/2011 to 03/16/2012	1756156	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W ROSECRANS (NE CORNER)	N NESTOR AV	CO	CO	10/19/2011 to 03/16/2012	1756254	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTROSE LN (SW CORNER)	OCEAN VIEW	CO	CO	10/19/2011 to 03/16/2012	1797075	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (SW CORNER)	WILLOWBROOK	CO	CO	10/19/2011 to 03/16/2012	1811150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARANBE AV (NW CORNER)	E BLISS ST	CO	CO	10/19/2011 to 03/16/2012	1811191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BLISS ST (NW CORNER)	ARANBE AV	CO	CO	10/19/2011 to 03/16/2012	1811192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARANBE AV (NE CORNER)	E ORIS ST	CO	CO	10/19/2011 to 03/16/2012	1811193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ORIS ST (NW CORNER)	ARANBE AV	CO	CO	10/19/2011 to 03/16/2012	1811195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CANADA VERDUGO (SE CORNER)	N ARROYO BL	CO	CO	10/19/2011 to 03/16/2012	1853014	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POMEROY ST (NE CORNER)	CITY OF TERRACE DR	CO	CO	10/19/2011 to 03/16/2012	1859014	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POMEROY ST (SE CORNER)	CITY OF TERRACE DR	CO	CO	10/19/2011 to 03/16/2012	1859015	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GAGE AV (NW CORNER)	HARRIS AV	CO	CO	10/19/2011 to 03/16/2012	1859021	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GAGE AV (NE CORNER)	HARRIS AV	CO	CO	10/19/2011 to 03/16/2012	1859022	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUNDAS ST (NW CORNER)	N HICHS AV	CO	CO	10/19/2011 to 03/16/2012	1859027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SNOW DR (NW CORNER)	N HAZARD AV	CO	CO	10/19/2011 to 03/16/2012	1859042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SNOW DR (NW CORNER)	N HAZARD AV	CO	CO	10/19/2011 to 03/16/2012	1859043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HAZARD AV (NW CORNER)	SNOW DR	CO	CO	10/19/2011 to 03/16/2012	1859044	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HAZARD AV (NE CORNER)	SNOW DR	CO	CO	10/19/2011 to 03/16/2012	1859045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HAZARD AV (SE CORNER)	SNOW DR	CO	CO	10/19/2011 to 03/16/2012	1859046	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARRIS AV (NE CORNER)	N GAGE AV	CO	CO	10/19/2011 to 03/16/2012	1859056	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BLUELAH CIR (S CORNER)	BLUELAH AV	CO	CO	10/19/2011 to 03/16/2012	1859057	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BLUELAH CIR (S CORNER)	BLUELAH AV	CO	CO	10/19/2011 to 03/16/2012	1859058	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EASTERN AV (NW CORNER)	N MARIANA AV	CO	CO	10/19/2011 to 03/16/2012	1859064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIMONT ST (E CORNER)	N HAZARD AV	CO	CO	10/19/2011 to 03/16/2012	1859067	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EASTERN AV (NE CORNER)	BLANCHARD ST	CO	CO	10/19/2011 to 03/16/2012	1859069	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GAGE AV (SE CORNER)	BLANCHARD ST	CO	CO	10/19/2011 to 03/16/2012	1859073	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRANNICK AV (W CORNER)	MILLER AV	CO	CO	10/19/2011 to 03/16/2012	1859074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EASTERN AV (NW CORNER)	BLANCHARD ST	CO	CO	10/19/2011 to 03/16/2012	1859078	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EASTERN AV (NW CORNER)	FOLSOM ST	CO	CO	10/19/2011 to 03/16/2012	1860001	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N EASTERN AV (NE CORNER)	FOLSOM ST	CO	CO	10/19/2011 to 03/16/2012	1860002	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOLSOM ST (NW CORNER)	N SYDNEY DR	CO	CO	10/19/2011 to 03/16/2012	1860003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOLSOM ST (NE CORNER)	N SYDNEY DR	CO	CO	10/19/2011 to 03/16/2012	1860006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HUMPHREYS (NW CORNER)	FOLSOM ST	CO	CO	10/19/2011 to 03/16/2012	1860007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	N HUMPHREYS (NE CORNER)	FOLSOM ST	CO	CO	10/19/2011 to 03/16/2012	1860008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOLSOM ST (NW CORNER)	CORDOVA AV	CO	CO	10/19/2011 to 03/16/2012	1860009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORDOVA AV (NE CORNER)	FOLSOM ST	CO	CO	10/19/2011 to 03/16/2012	1860010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOLSOM ST (NE CORNER)	CORDOVA AV	CO	CO	10/19/2011 to 03/16/2012	1860011	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR (NE CORNER)	N GAGE AV	CO	CO	10/19/2011 to 03/16/2012	1860014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RECORD AV (SW CORNER)	FLORAL DR	CO	CO	10/19/2011 to 03/16/2012	1860015	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RECORD AV (NE CORNER)	FLORAL DR	CO	CO	10/19/2011 to 03/16/2012	1860018	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR (NW CORNER)	N BONNIE BEACH PL	CO	CO	10/19/2011 to 03/16/2012	1860019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N BONNIE BEACH PL (NW CORNER)	FLORAL DR	CO	CO	10/19/2011 to 03/16/2012	1860020	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR (NW CORNER)	N HAZARD AV	CO	CO	10/19/2011 to 03/16/2012	1860021	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR (NW CORNER)	N HAZARD AV	CO	CO	10/19/2011 to 03/16/2012	1860022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR (SW CORNER)	N HUMPHREYS AV	CO	CO	10/19/2011 to 03/16/2012	1860032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR (NE CORNER)	N HUMPHREYS AV	CO	CO	10/19/2011 to 03/16/2012	1860034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FISHER ST (NW CORNER)	N BRANNICK AV	CO	CO	10/19/2011 to 03/16/2012	1860035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FISHER ST (SW CORNER)	N BONNIE BEACH PL	CO	CO	10/19/2011 to 03/16/2012	1860036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FISHER ST (SW CORNER)	N BONNIE BEACH PL	CO	CO	10/19/2011 to 03/16/2012	1860037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GAGE AV (NE CORNER)	HAMMEL ST	CO	CO	10/19/2011 to 03/16/2012	1860040	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMMEL ST (NW CORNER)	N HERBERT AV	CO	CO	10/19/2011 to 03/16/2012	1860041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMMEL ST (SW CORNER)	N RECORD AV	CO	CO	10/19/2011 to 03/16/2012	1860043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMMEL ST (NW CORNER)	N RECORD AV	CO	CO	10/19/2011 to 03/16/2012	1860044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RECORD AV (NW CORNER)	HAMMEL ST	CO	CO	10/19/2011 to 03/16/2012	1860045	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RECORD AV (NE CORNER)	HAMMEL ST	CO	CO	10/19/2011 to 03/16/2012	1860046	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMMEL ST (NE CORNER)	N RECORD AV	CO	CO	10/19/2011 to 03/16/2012	1860047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DOZIER ST (NW CORNER)	N RECORD AV	CO	CO	10/19/2011 to 03/16/2012	1860054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N RECORD AV (NW CORNER)	DOZIER ST	CO	CO	10/19/2011 to 03/16/2012	1860055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E CESAR E CHAVEZ (NW CORNER)	N HAZARD AV	CO	CO	10/19/2011 to 03/16/2012	1860063	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HAZARD AV (NW CORNER)	E CESAR E CHAVEZ	CO	CO	10/19/2011 to 03/16/2012	1860064	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GAGE AV (NW CORNER)	HAMMEL ST	CO	CO	10/19/2011 to 03/16/2012	1860116	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NW CORNER)	E 4 TH ST	CO	CO	10/19/2011 to 03/16/2012	1860173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NE CORNER)	E 4 TH ST	CO	CO	10/19/2011 to 03/16/2012	1860174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 4 TH ST (NE CORNER)	S DITMAN AV	CO	CO	10/19/2011 to 03/16/2012	1860175	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 5 TH ST (NE CORNER)	S INDIANA ST	CO	CO	10/19/2011 to 03/16/2012	1860180	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 5 TH ST (NE CORNER)	S ROWAN AV	CO	CO	10/19/2011 to 03/16/2012	1860186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 5 TH ST (NW CORNER)	S GAGE AV	CO	CO	10/19/2011 to 03/16/2012	1860187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 5 TH ST (S CORNER)	S GAGE AV	CO	CO	10/19/2011 to 03/16/2012	1860189	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S INDIANA ST (NE CORNER)	LANFRANCO ST	CO	CO	10/19/2011 to 03/16/2012	1860190	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NW CORNER)	LANFRANCO ST	CO	CO	10/19/2011 to 03/16/2012	1860193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NE CORNER)	LANFRANCO ST	CO	CO	10/19/2011 to 03/16/2012	1860194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LANFRANCO ST (NE CORNER)	S DITMAN AV	CO	CO	10/19/2011 to 03/16/2012	1860195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S INDIANA ST (NE CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1860196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (NW CORNER)	S DITMAN AV	CO	CO	10/19/2011 to 03/16/2012	1860198	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NW CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1860199	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NE CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1860200	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S INDIANA ST (NE CORNER)	PRINCETON ST	CO	CO	10/19/2011 to 03/16/2012	1860202	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRINCETON ST (NW CORNER)	S DITMAN AV	CO	CO	10/19/2011 to 03/16/2012	1860204	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NW CORNER)	PRINCETON ST	CO	CO	10/19/2011 to 03/16/2012	1860205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NE CORNER)	PRINCETON ST	CO	CO	10/19/2011 to 03/16/2012	1860206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBARD ST (NW CORNER)	S DITMAN AV	CO	CO	10/19/2011 to 03/16/2012	1860208	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NW CORNER)	HUBARD ST	CO	CO	10/19/2011 to 03/16/2012	1860209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NE CORNER)	HUBARD ST	CO	CO	10/19/2011 to 03/16/2012	1860210	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S INDIANA ST (NE CORNER)	PERCY ST	CO	CO	10/19/2011 to 03/16/2012	1860211	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PERCY ST (NE CORNER)	S INDIANA ST	CO	CO	10/19/2011 to 03/16/2012	1860212	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PERCY ST (SE CORNER)	S INDIANA ST	CO	CO	10/19/2011 to 03/16/2012	1860213	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PERCY ST (NW CORNER)	S DITMAN AV	CO	CO	10/19/2011 to 03/16/2012	1860214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NW CORNER)	PERCY ST	CO	CO	10/19/2011 to 03/16/2012	1860215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NE CORNER)	PERCY ST	CO	CO	10/19/2011 to 03/16/2012	1860216	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 4TH ST (SW CORNER)	S EASTMAN AV	CO	CO	10/19/2011 to 03/16/2012	1860218	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S EASTMAN AV (NW CORNER)	E 3RD ST	CO	CO	10/19/2011 to 03/16/2012	1860238	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S EASTMAN AV (NE CORNER)	E 3RD ST	CO	CO	10/19/2011 to 03/16/2012	1860239	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST (NE CORNER)	S HERBERT AV	CO	CO	10/19/2011 to 03/16/2012	1860269	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST (NE CORNER)	S HERBERT AV	CO	CO	10/19/2011 to 03/16/2012	1860270	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST (NE CORNER)	S HERBERT AV	CO	CO	10/19/2011 to 03/16/2012	1860271	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUNOL DR (NE CORNER)	E 3RD ST	CO	CO	10/19/2011 to 03/16/2012	1860273	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 3RD ST (NE CORNER)	S SUNOL DR	CO	CO	10/19/2011 to 03/16/2012	1860274	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GAGE AV (NW CORNER)	FLORAL DR	CO	CO	10/19/2011 to 03/16/2012	1860279	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N FORD BLVD (NE CORNER)	E 1ST ST	CO	CO	10/19/2011 to 03/16/2012	1860284	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 1ST ST (NW CORNER)	N FORD BLVD	CO	CO	10/19/2011 to 03/16/2012	1860285	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (NE CORNER)	S INDIANA ST	CO	CO	10/19/2011 to 03/16/2012	1860293	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHTTIER BL (NE CORNER)	S HERBERT AV	CO	CO	10/19/2011 to 03/16/2012	1861001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BURGER AV (NE CORNER)	VERONA ST	CO	CO	10/19/2011 to 03/16/2012	1861024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

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Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E OLYMPIC BLV (NW CORNER)	S AGUSTA AV	CO	CO	10/19/2011 to 03/16/2012	1861033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S AGUSTA AV (NW CORNER)	E OLYMPIC BLV	CO	CO	10/19/2011 to 03/16/2012	1861034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BL (SW CORNER)	S MCDONNELL AV	CO	CO	10/19/2011 to 03/16/2012	1861039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BL (NW CORNER)	S MCDONNELL AV	CO	CO	10/19/2011 to 03/16/2012	1861040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MCDONNELL AV (NE CORNER)	E OLYMPIC BL	CO	CO	10/19/2011 to 03/16/2012	1861042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BL (NE CORNER)	S MCDONNELL AV	CO	CO	10/19/2011 to 03/16/2012	1861043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BL (SE CORNER)	S MCDONNELL AV	CO	CO	10/19/2011 to 03/16/2012	1861044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD (NW CORNER)	S MAIANNA AV	CO	CO	10/19/2011 to 03/16/2012	1861045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD (NW CORNER)	WILKINS AV	CO	CO	10/19/2011 to 03/16/2012	1861048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD (NW CORNER)	S EASTERN AV	CO	CO	10/19/2011 to 03/16/2012	1861049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILKEN (NE CORNER)	TELEGRAPH RD	CO	CO	10/19/2011 to 03/16/2012	1861050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S EASTERN AV (NW CORNER)	TELEGRAPH RD	CO	CO	10/19/2011 to 03/16/2012	1861051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S EASTERN AV (NE CORNER)	TELEGRAPH RD	CO	CO	10/19/2011 to 03/16/2012	1861052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV (NW CORNER)	UNION PACIFIC	CO	CO	10/19/2011 to 03/16/2012	1861053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV (NE CORNER)	UNION PACIFIC	CO	CO	10/19/2011 to 03/16/2012	1861054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV (NE CORNER)	UNION PACIFIC	CO	CO	10/19/2011 to 03/16/2012	1861055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV (NW CORNER)	TELEGRAPH RD	CO	CO	10/19/2011 to 03/16/2012	1861056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD (NW CORNER)	S ARIZONA AV	CO	CO	10/19/2011 to 03/16/2012	1861057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV (NE CORNER)	TELEGRAPH RD	CO	CO	10/19/2011 to 03/16/2012	1861058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BLV (SW CORNER)	TELEGRAPH RD	CO	CO	10/19/2011 to 03/16/2012	1861077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD (SW CORNER)	E OLYMPIC BLV	CO	CO	10/19/2011 to 03/16/2012	1861078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD (NW CORNER)	S MARIANNA AV	CO	CO	10/19/2011 to 03/16/2012	1861079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD (S CORNER)	S MAIANNA AV	CO	CO	10/19/2011 to 03/16/2012	1861080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD (SW CORNER)	S MAIANNA AV	CO	CO	10/19/2011 to 03/16/2012	1861081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NW CORNER)	VERONA ST	CO	CO	10/19/2011 to 03/16/2012	1861106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NE CORNER)	VERONA ST	CO	CO	10/19/2011 to 03/16/2012	1861107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERONA ST (NW CORNER)	S TOWNSEND AV	CO	CO	10/19/2011 to 03/16/2012	1861108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S TOWNSEND AV (NW CORNER)	VERONA ST	CO	CO	10/19/2011 to 03/16/2012	1861109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S TOWNSEND AV (NE CORNER)	VERONA ST	CO	CO	10/19/2011 to 03/16/2012	1861110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERONA ST (NE CORNER)	S TOWNSEND AV	CO	CO	10/19/2011 to 03/16/2012	1861111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ROWAN AV (NW CORNER)	VERONA ST	CO	CO	10/19/2011 to 03/16/2012	1861112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERONA ST (NE CORNER)	S ROWAN AV	CO	CO	10/19/2011 to 03/16/2012	1861115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S EASTMAN AV (NW CORNER)	VERONA ST	CO	CO	10/19/2011 to 03/16/2012	1861116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S EASTMAN AV (NW CORNER)	VERONA ST	CO	CO	10/19/2011 to 03/16/2012	1861117	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S EASTMAN AV (E CORNER)	VERONA ST	CO	CO	10/19/2011 to 03/16/2012	1861118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 7TH ST (NE CORNER)	S INDIANA AV	CO	CO	10/19/2011 to 03/16/2012	1861119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S INDIANA AV (NE CORNER)	E OLYMPIC BLV	CO	CO	10/19/2011 to 03/16/2012	1861121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (SW CORNER)	E OLYMPIC BLV	CO	CO	10/19/2011 to 03/16/2012	1861123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NW CORNER)	E OLYMPIC BLV	CO	CO	10/19/2011 to 03/16/2012	1861124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (NE CORNER)	E OLYMPIC BLV	CO	CO	10/19/2011 to 03/16/2012	1861125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BLV (NE CORNER)	S DITMAN AV	CO	CO	10/19/2011 to 03/16/2012	1861126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BLV (SE CORNER)	S DITMAN AV	CO	CO	10/19/2011 to 03/16/2012	1861127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S DITMAN AV (SE CORNER)	E OLYMPIC BLV	CO	CO	10/19/2011 to 03/16/2012	1861128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BONNIE BEACH PL (E CORNER)	N OAKES ST	CO	CO	10/19/2011 to 03/16/2012	1861177	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUNHAM ST (W CORNER)	S DOWNEY RD	CO	CO	10/19/2011 to 03/16/2012	1861178	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUNHAM ST (E CORNER)	S DOWNEY RD	CO	CO	10/19/2011 to 03/16/2012	1861179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUNOL DR (SW CORNER)	DUNHAM ST	CO	CO	10/19/2011 to 03/16/2012	1861180	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SUNOL DR (NE CORNER)	DUNHAM ST	CO	CO	10/19/2011 to 03/16/2012	1861181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MARIANNA AV (NW CORNER)	DUNHAM ST	CO	CO	10/19/2011 to 03/16/2012	1861183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARIZONA AV (NW CORNER)	E OLYMPIC BLV	CO	CO	10/19/2011 to 03/16/2012	1861228	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MARIANNA AV (NW CORNER)	TELEGRAPH RD	CO	CO	10/19/2011 to 03/16/2012	1861237	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E OLYMPIC BL (NW CORNER)	S EASTERN AV	CO	CO	10/19/2011 to 03/16/2012	1861238	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (NW CORNER)	S SYDNEY AV	CO	CO	10/19/2011 to 03/16/2012	1861239	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SYDNEY AV (NW CORNER)	WHITTIER BL	CO	CO	10/19/2011 to 03/16/2012	1861240	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S THORSON AV (NE CORNER)	E ROSECRANS AV	CO	CO	10/19/2011 to 03/16/2012	1866193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEVONWOOD RD (NE CORNER)	CANON BLV	CO	CO	10/19/2011 to 03/16/2012	1906015	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR (NE CORNER)	CANON BLV	CO	CO	10/19/2011 to 03/16/2012	1906019	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W LOMA ALTA DR (S CORNER)	SUNSET RIDGE RD	CO	CO	10/19/2011 to 03/16/2012	1906026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VENTURA ST (S CORNER)	STERLING PL	CO	CO	10/19/2011 to 03/16/2012	1906056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VENTURA ST (S CORNER)	EL NIDO DR	CO	CO	10/19/2011 to 03/16/2012	1906057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL NIDO DR (NE CORNER)	VENTURA ST	CO	CO	10/19/2011 to 03/16/2012	1906061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VENTURA ST (S CORNER)	CASITAS AV	CO	CO	10/19/2011 to 03/16/2012	1906065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENNAV (NE CORNER)	VENTURA ST	CO	CO	10/19/2011 to 03/16/2012	1906078	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLIVE AV (SW CORNER)	W HARRIET ST	CO	CO	10/19/2011 to 03/16/2012	1906080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLIVE AV (NW CORNER)	W HARRIET ST	CO	CO	10/19/2011 to 03/16/2012	1906085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENROSE AV (NW CORNER)	W PALM ST	CO	CO	10/19/2011 to 03/16/2012	1906111	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W PALM ST (SE CORNER)	GLENROSE AV	CO	CO	10/19/2011 to 03/16/2012	1906118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CORONA AV (NW CORNER)	W PALM ST	CO	CO	10/19/2011 to 03/16/2012	1906119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CORONA AV (NE CORNER)	W PALM ST	CO	CO	10/19/2011 to 03/16/2012	1906120	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIROAKS AV (NW CORNER)	W PALM ST	CO	CO	10/19/2011 to 03/16/2012	1906122	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	GLENROSE AV (NW CORNER)	W ATADENA DR	CO	CO	10/19/2011 to 03/16/2012	1906136	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENROSE AV (NW CORNER)	W TERRACE ST	CO	CO	10/19/2011 to 03/16/2012	1906140	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AV (NE CORNER)	E ALTADENA DR	CO	CO	10/19/2011 to 03/16/2012	1906164	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAINT JAMES (NW CORNER)	E ALTADENA DR	CO	CO	10/19/2011 to 03/16/2012	1906165	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LAS FKORES DR (NW CORNER)	MORENGO AV	CO	CO	10/19/2011 to 03/16/2012	1906179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIR OAKS AV (NW CORNER)	E LAS FKORES DR	CO	CO	10/19/2011 to 03/16/2012	1906182	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (SE CORNER)	MARENGO AV	CO	CO	10/19/2011 to 03/16/2012	1907037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (NW CORNER)	SANTA ANITA AV	CO	CO	10/19/2011 to 03/16/2012	1907083	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E WOODBURY RD (NW CORNER)	MADISON AV	CO	CO	10/19/2011 to 03/16/2012	1907126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR (SW CORNER)	N DANGLER AV	CO	CO	10/19/2011 to 03/16/2012	1914046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N DANGLER AV (NE CORNER)	HAMMEL ST	CO	CO	10/19/2011 to 03/16/2012	1914047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MEDNIK AV (NW CORNER)	DIZIER ST	CO	CO	10/19/2011 to 03/16/2012	1914051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MEDNIK AV (NE CORNER)	DIZIER ST	CO	CO	10/19/2011 to 03/16/2012	1914053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MEDNIK AV (SW CORNER)	DIZIER ST	CO	CO	10/19/2011 to 03/16/2012	1914055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E3RD ST (NE CORNER)	S DANGLER AV	CO	CO	10/19/2011 to 03/16/2012	1914103	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E3RD ST (NE CORNER)	S DANGLER AV	CO	CO	10/19/2011 to 03/16/2012	1914104	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MEDNIK AV (NW CORNER)	E 4TH ST	CO	CO	10/19/2011 to 03/16/2012	1914109	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MEDNIK AV (NE CORNER)	4TH ST	CO	CO	10/19/2011 to 03/16/2012	1914111	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 5TH ST (SW CORNER)	S MCDONELL AV	CO	CO	10/19/2011 to 03/16/2012	1914117	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (NE CORNER)	S ARIZONA AV	CO	CO	10/19/2011 to 03/16/2012	1914126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S KERN AV (NE CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1914128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE ST (NW CORNER)	S LA VERNE AV	CO	CO	10/19/2011 to 03/16/2012	1914130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LA VERNE AV (NW CORNER)	EAGLE ST	CO	CO	10/19/2011 to 03/16/2012	1914131	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRASER AV (E CORNER)	EAGLE ST	CO	CO	10/19/2011 to 03/16/2012	1914134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LAVERNE AV (NW CORNER)	E 4TH ST	CO	CO	10/19/2011 to 03/16/2012	1914137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LAVERNE AV (NE CORNER)	E 4TH ST	CO	CO	10/19/2011 to 03/16/2012	1914138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LAVERNE AV (NW CORNER)	GRATIAN ST	CO	CO	10/19/2011 to 03/16/2012	1914141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E3RD ST (SW CORNER)	S WOODS AV	CO	CO	10/19/2011 to 03/16/2012	1914142	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AV (NW CORNER)	E3RD ST	CO	CO	10/19/2011 to 03/16/2012	1914144	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AV (NE CORNER)	E3RD ST	CO	CO	10/19/2011 to 03/16/2012	1914145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC BLV (NW CORNER)	POMONA BLV	CO	CO	10/19/2011 to 03/16/2012	1914148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC BLV (NE CORNER)	POMONA BLV	CO	CO	10/19/2011 to 03/16/2012	1914149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POMONA BLV (NW CORNER)	S ATLANTIC BLV	CO	CO	10/19/2011 to 03/16/2012	1914150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AV (NE CORNER)	E 4TH ST	CO	CO	10/19/2011 to 03/16/2012	1914152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 4TH ST (NE CORNER)	S WOODS AV	CO	CO	10/19/2011 to 03/16/2012	1914153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AV (NW CORNER)	E 4TH ST	CO	CO	10/19/2011 to 03/16/2012	1914154	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 4TH ST (NW CORNER)	S WOODS AV	CO	CO	10/19/2011 to 03/16/2012	1914155	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REPETTO ST (NW CORNER)	S HILLVIEW AV	CO	CO	10/19/2011 to 03/16/2012	1914156	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REPETTO ST (NE CORNER)	S HILLVIEW AV	CO	CO	10/19/2011 to 03/16/2012	1914157	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S HILLVIEW AV (NW CORNER)	E 4TH ST	CO	CO	10/19/2011 to 03/16/2012	1914158	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ESCUELA ST (NW CORNER)	S VANDOUVER AV	CO	CO	10/19/2011 to 03/16/2012	1914159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ESCUELA ST (NE CORNER)	S VANDOUVER AV	CO	CO	10/19/2011 to 03/16/2012	1914160	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ESCUELA ST (S CORNER)	S VANDOUVER AV	CO	CO	10/19/2011 to 03/16/2012	1914161	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ESCUELA ST (NW CORNER)	S WOODS AV	CO	CO	10/19/2011 to 03/16/2012	1914162	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AV (NE CORNER)	EAGLE ST	CO	CO	10/19/2011 to 03/16/2012	1914163	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE AV (NE CORNER)	S WOODS AV	CO	CO	10/19/2011 to 03/16/2012	1914164	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC BL (NE CORNER)	EAGLE ST	CO	CO	10/19/2011 to 03/16/2012	1914166	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMALIA AV (NW CORNER)	EAGLE AV	CO	CO	10/19/2011 to 03/16/2012	1914169	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMALIA AV (NE CORNER)	EAGLE AV	CO	CO	10/19/2011 to 03/16/2012	1914170	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE AV (SE CORNER)	AMALIA AV	CO	CO	10/19/2011 to 03/16/2012	1914171	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S HILLVIEW AV (NW CORNER)	EAGLE AV	CO	CO	10/19/2011 to 03/16/2012	1914172	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S HILLVIEW AV (SE CORNER)	EAGLE AV	CO	CO	10/19/2011 to 03/16/2012	1914173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE AV (SE CORNER)	S HILLVIEW AV	CO	CO	10/19/2011 to 03/16/2012	1914174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKFORD DR (NW CORNER)	EAGLE AV	CO	CO	10/19/2011 to 03/16/2012	1914175	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKFORD DR (NE CORNER)	EAGLE AV	CO	CO	10/19/2011 to 03/16/2012	1914176	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE AV (SE CORNER)	OAKFORD DR	CO	CO	10/19/2011 to 03/16/2012	1914177	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AV (NE CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1914181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AV (NW CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1914182	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AV (NW CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1914183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (NW CORNER)	S WOODS AV	CO	CO	10/19/2011 to 03/16/2012	1914184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (SW CORNER)	S WOODS AV	CO	CO	10/19/2011 to 03/16/2012	1914185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE AV (SE CORNER)	MARGARET AV	CO	CO	10/19/2011 to 03/16/2012	1914186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE AV (NE CORNER)	MARGARET AV	CO	CO	10/19/2011 to 03/16/2012	1914187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARGARET AV (NE CORNER)	EAGLE AV	CO	CO	10/19/2011 to 03/16/2012	1914188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARGARET AV (NW CORNER)	EAGLE AV	CO	CO	10/19/2011 to 03/16/2012	1914189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BEVERLY BLVD (SW CORNER)	S HILLVIEW AV	CO	CO	10/19/2011 to 03/16/2012	1914190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BEVERLY BLVD (SE CORNER)	S HILLVIEW AV	CO	CO	10/19/2011 to 03/16/2012	1914191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BEVERLY BLVD (NE CORNER)	S HILLVIEW AV	CO	CO	10/19/2011 to 03/16/2012	1914192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S HILLVIEW AV (NE CORNER)	E BEVERLY BLVD	CO	CO	10/19/2011 to 03/16/2012	1914193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BEVERLY BLVD (NW CORNER)	S HILLVIEW AV	CO	CO	10/19/2011 to 03/16/2012	1914195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	REPETTO ST (NE CORNER)	S SADLER AV	CO	CO	10/19/2011 to 03/16/2012	1914196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BEVERLY BLVD (SE CORNER)	S SADLER AV	CO	CO	10/19/2011 to 03/16/2012	1914197	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BEVERLY BLVD (NE CORNER)	S SADLER AV	CO	CO	10/19/2011 to 03/16/2012	1914198	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SADLER AV (E CORNER)	E BEVERLY BLVD	CO	CO	10/19/2011 to 03/16/2012	1914199	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SADLER AV (NW CORNER)	E BEVERLY BLVD	CO	CO	10/19/2011 to 03/16/2012	1914200	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	POMONA BLVD (SE CORNER)	S SADLER AV	CO	CO	10/19/2011 to 03/16/2012	1914203	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E BEVERLY BLVD (NW CORNER)	S ATLANTIC BLVD	CO	CO	10/19/2011 to 03/16/2012	1914280	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ESQUELA AV (S CORNER)	CLELA AV	CO	CO	10/19/2011 to 03/16/2012	1914281	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA CAMPO (NW CORNER)	E BEVERLY BL	CO	CO	10/19/2011 to 03/16/2012	1914291	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA CAMPO (NE CORNER)	E BEVERLY BL	CO	CO	10/19/2011 to 03/16/2012	1914292	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FINDLAY AV (NE CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915012	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELDEN AV (NE CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1915015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELDEN AV (NW CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1915016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (NE CORNER)	MARGARET AV	CO	CO	10/19/2011 to 03/16/2012	1915017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (NE CORNER)	BELDEN AV	CO	CO	10/19/2011 to 03/16/2012	1915018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (SE CORNER)	BELDEN AV	CO	CO	10/19/2011 to 03/16/2012	1915019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (SE CORNER)	MARGARET AV	CO	CO	10/19/2011 to 03/16/2012	1915020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELDEN AV (NE CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (NE CORNER)	BELDEN AV	CO	CO	10/19/2011 to 03/16/2012	1915022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (SE CORNER)	BELDEN AV	CO	CO	10/19/2011 to 03/16/2012	1915023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GERHART AV (NE CORNER)	WHITTIER BL	CO	CO	10/19/2011 to 03/16/2012	1915025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GERHART AV (NW CORNER)	WHITTIER BL	CO	CO	10/19/2011 to 03/16/2012	1915026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (NW CORNER)	S GERHART AV	CO	CO	10/19/2011 to 03/16/2012	1915027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (S CORNER)	BRADSHAW ST	CO	CO	10/19/2011 to 03/16/2012	1915029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (S CORNER)	HARDING AV	CO	CO	10/19/2011 to 03/16/2012	1915036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HENRICKS AV (NE CORNER)	WHITTIER BL	CO	CO	10/19/2011 to 03/16/2012	1915038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (NE CORNER)	HENRICKS AV	CO	CO	10/19/2011 to 03/16/2012	1915039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (NW CORNER)	FINDLAY AV	CO	CO	10/19/2011 to 03/16/2012	1915041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (NE CORNER)	FINDLAY AV	CO	CO	10/19/2011 to 03/16/2012	1915043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (NE CORNER)	SAYBROOK AV	CO	CO	10/19/2011 to 03/16/2012	1915044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAYBROOK AV (NW CORNER)	WHITTIER BL	CO	CO	10/19/2011 to 03/16/2012	1915046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BL (SE CORNER)	SAYBROOK AV	CO	CO	10/19/2011 to 03/16/2012	1915047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAYBROOK AV (NE CORNER)	E ALLSTON ST	CO	CO	10/19/2011 to 03/16/2012	1915048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAYBROOK AV (NW CORNER)	E ALLSTON ST	CO	CO	10/19/2011 to 03/16/2012	1915049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALLSTON ST (NE CORNER)	SAYBROOK AV	CO	CO	10/19/2011 to 03/16/2012	1915050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALLSTON ST (SE CORNER)	SAYBROOK AV	CO	CO	10/19/2011 to 03/16/2012	1915051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLSTON ST (NE CORNER)	HENDRICKS AV	CO	CO	10/19/2011 to 03/16/2012	1915052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLSTON ST (SE CORNER)	HENDRICKS AV	CO	CO	10/19/2011 to 03/16/2012	1915053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HENDRICKS AV (NE CORNER)	ALLSTON ST	CO	CO	10/19/2011 to 03/16/2012	1915054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E NORTHSIDE DR (NE CORNER)	HENDRICKS AV	CO	CO	10/19/2011 to 03/16/2012	1915057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DENNISON ST (NE CORNER)	HENDRICKS AV	CO	CO	10/19/2011 to 03/16/2012	1915058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HENDRICKS AV (NE CORNER)	DENNISON ST	CO	CO	10/19/2011 to 03/16/2012	1915059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARGARET AV (NE CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1915066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARGARET AV (NW CORNER)	E 6TH ST	CO	CO	10/19/2011 to 03/16/2012	1915067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELDEN AV (NW CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (NW CORNER)	BELDEN AV	CO	CO	10/19/2011 to 03/16/2012	1915070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARGARET AV (NE CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARGARET AV (NW CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARGARET AV (NW CORNER)	PERCY ST	CO	CO	10/19/2011 to 03/16/2012	1915073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARGARET AV (NE CORNER)	PERCY ST	CO	CO	10/19/2011 to 03/16/2012	1915074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKFORD DR (NE CORNER)	PERCY ST	CO	CO	10/19/2011 to 03/16/2012	1915075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKFORD DR (NE CORNER)	WHITTIER BL	CO	CO	10/19/2011 to 03/16/2012	1915077	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ATLANTIC BL (NW CORNER)	WHITTIER BL	CO	CO	10/19/2011 to 03/16/2012	1915081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODS AV (NW CORNER)	WHITTIER BL	CO	CO	10/19/2011 to 03/16/2012	1915082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODS AV (NE CORNER)	WHITTIER BL	CO	CO	10/19/2011 to 03/16/2012	1915083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMALIA AV (NE CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMALIA AV (NW CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (NE CORNER)	AMALIA AV	CO	CO	10/19/2011 to 03/16/2012	1915088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (SE CORNER)	AMALIA AV	CO	CO	10/19/2011 to 03/16/2012	1915089	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (NW CORNER)	AMALIA AV	CO	CO	10/19/2011 to 03/16/2012	1915090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (NE CORNER)	S WOODS AV	CO	CO	10/19/2011 to 03/16/2012	1915093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WOODS AV (NW CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S VANCUVER AV (NE CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S VANCUVER AV (NW CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (NE CORNER)	S VANCUVER AV	CO	CO	10/19/2011 to 03/16/2012	1915097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (NW CORNER)	S VANCUVER AV	CO	CO	10/19/2011 to 03/16/2012	1915098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLELA AV (NW CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLELA AV (NE CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (NW CORNER)	CLELA AV	CO	CO	10/19/2011 to 03/16/2012	1915101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRASER AV (NW CORNER)	HUBBARD ST	CO	CO	10/19/2011 to 03/16/2012	1915102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris





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Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	WAPELLO ST (SW CORNER)	LAKE AV	CO	CO	10/19/2011 to 03/16/2012	1960046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTA VISTA DR (NE CORNER)	LAKE AV	CO	CO	10/19/2011 to 03/16/2012	1960047	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAIDEN LN (NE CORNER)	N MOUNT CURVE AV	CO	CO	10/19/2011 to 03/16/2012	1960078	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PALM ST (N CORNER)	MAIDEN LN	CO	CO	10/19/2011 to 03/16/2012	1960081	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E POPPYFIELDS DR (SE CORNER)	LAKE AV	CO	CO	10/19/2011 to 03/16/2012	1960083	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E POPPYFIELDS DR (NW CORNER)	LAKE AV	CO	CO	10/19/2011 to 03/16/2012	1960086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (NW CORNER)	CREST DR	CO	CO	10/19/2011 to 03/16/2012	1960089	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (S CORNER)	CREST DR	CO	CO	10/19/2011 to 03/16/2012	1960091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ZANE GREY TER (SE CORNER)	E LOMA ALTA DR	CO	CO	10/19/2011 to 03/16/2012	1960099	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODGLEN LN (N CORNER)	WINTER HEAVEN LN	CO	CO	10/19/2011 to 03/16/2012	1960102	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (NW CORNER)	N ALLEN AV	CO	CO	10/19/2011 to 03/16/2012	1960122	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN CANYON RD (SW CORNER)	N ROOSEVELT AV	CO	CO	10/19/2011 to 03/16/2012	1961030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN CANYON RD (NW CORNER)	N ROOSEVELT AV	CO	CO	10/19/2011 to 03/16/2012	1961031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GRAND OAKS AV (NW CORNER)	GLEN CANYON RD	CO	CO	10/19/2011 to 03/16/2012	1961035	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MORADA PL (SW CORNER)	SINALOA AV	CO	CO	10/19/2011 to 03/16/2012	1961038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N HILL AV (E CORNER)	MORADA PL	CO	CO	10/19/2011 to 03/16/2012	1961042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MENDOCINO ST (S CORNER)	HIGHLAND AV	CO	CO	10/19/2011 to 03/16/2012	1961051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GANESHA AV (NE CORNER)	E MENDOCINO ST	CO	CO	10/19/2011 to 03/16/2012	1961056	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MARIPOSA ST (NW CORNER)	LAKE AV	CO	CO	10/19/2011 to 03/16/2012	1961067	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MARIPOSA ST (NW CORNER)	LAKE AV	CO	CO	10/19/2011 to 03/16/2012	1961068	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MORADA PL (NE CORNER)	N LAKE AV	CO	CO	10/19/2011 to 03/16/2012	1961105	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (NW CORNER)	MORADA PL	CO	CO	10/19/2011 to 03/16/2012	1961107	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALAMEDA ST (SW CORNER)	CRAWFORD AV	CO	CO	10/19/2011 to 03/16/2012	1961108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N LAKE AV (NE CORNER)	E WOODBURY RD	CO	CO	10/19/2011 to 03/16/2012	1961145	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ROOSEVELT AV (NE CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	1961204	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ROOSEVELT AV (NW CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	1961205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N GRAN OAKS AV (NW CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	1961209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (NE CORNER)	PEPPER DR	CO	CO	10/19/2011 to 03/16/2012	1961213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEPPER DR (NW CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	1961215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRAEBURN RD (SW CORNER)	MENDOCINO LN	CO	CO	10/19/2011 to 03/16/2012	1961255	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MENDOCINO LN (SE CORNER)	BRAEBURN RD	CO	CO	10/19/2011 to 03/16/2012	1961258	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E HEREFORD DR (NE CORNER)	S GARFIELD AV	CO	CO	10/19/2011 to 03/16/2012	1969270	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GARFIELD AV (E CORNER)	E HEREFORD DR	CO	CO	10/19/2011 to 03/16/2012	1969271	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GARFIELD AV (W CORNER)	E HEREFORD DR	CO	CO	10/19/2011 to 03/16/2012	1969272	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E HEREFORD DR (SW CORNER)	S GARFIELD AV	CO	CO	10/19/2011 to 03/16/2012	1969273	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E HEREFORD DR (N CORNER)	S GARFIELD AV	CO	CO	10/19/2011 to 03/16/2012	1969274	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARFIELD AV (NW CORNER)	FERGUSON DR	CO	CO	10/19/2011 to 03/16/2012	1969459	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARFIELD AV (NE CORNER)	FERGUSON DR	CO	CO	10/19/2011 to 03/16/2012	1969460	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOLIDGE AV (NW CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	2014018	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COOLIDGE AV (NE CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	2014020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VILLA HIGHLANS DR (NE CORNER)	VILLA KNOLLS DR	CO	CO	10/19/2011 to 03/16/2012	2014041	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VILLA HIGHLANS DR (NW CORNER)	VILLA KNOLLS DR	CO	CO	10/19/2011 to 03/16/2012	2014042	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VILLA MESA DR (W CORNER)	VILLA RICA DR	CO	CO	10/19/2011 to 03/16/2012	2014044	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EDGECLIFF LN (S CORNER)	VILLA KNOLLS DR	CO	CO	10/19/2011 to 03/16/2012	2014066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN CANYON RD (SW CORNER)	HARDING AV	CO	CO	10/19/2011 to 03/16/2012	2014094	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLEN CANYON RD (N CORNER)	HARDING AV	CO	CO	10/19/2011 to 03/16/2012	2014095	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALTADENA DR (NW CORNER)	GLEN CANYON RD	CO	CO	10/19/2011 to 03/16/2012	2014096	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALTADENA DR (NW CORNER)	GLEN CANYON RD	CO	CO	10/19/2011 to 03/16/2012	2014097	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA MADRE VILLA AV (NE CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	2015328	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA MADRE VILLA AV (E CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	2015997	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA MADRE VILLA AV (E CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	2015998	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA MADRE VILLA AV (E CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	2015999	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LOTUS AV (NW CORNER)	E GREEN ST	CO	CO	10/19/2011 to 03/16/2012	2016387	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PATAMOUNT DR (NW CORNER)	ARROYO DR	CO	CO	10/19/2011 to 03/16/2012	2021039	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S KERN AV (NE CORNER)	TELEGRAPH RD	CO	CO	10/19/2011 to 03/16/2012	1915189	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA MADRE VILLA AV (NE CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	2015346	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA MADRE VILLA AV (NE CORNER)	NEW YORK DR	CO	CO	10/19/2011 to 03/16/2012	2015347	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SADLER AVE (EAST)	VIA CAMPO	CO	CO	10/19/2011 to 03/16/2012	1914202	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORAL DR (WN CORNER)	N RECORD AVE	CO	CO	10/19/2011 to 03/16/2012	1860017	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (WN CORNER)	CREST DR	CO	CO	10/19/2011 to 03/16/2012	1960154	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 6TH ST (EN CORNER)	S DITMAN AVE	CO	CO	10/19/2011 to 03/16/2012	1860201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRINCETON ST (EN CORNER)	S DITMAN AVE	CO	CO	10/19/2011 to 03/16/2012	1860207	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N MEDNIK AVE (SW CORNER)	DOZIER ST	CO	CO	10/19/2011 to 03/16/2012	1914054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	UNION PACIFIC (SE CORNER)	INDIANA	CO	CO	12/02/2010 to 03/04/2011	1861132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER (SW CORNER)	GOODRICH	CO	CO	12/02/2010 to 03/04/2011	1915078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 106TH ST (N CORNER)	DENKER AV	CO	CO	12/08/2009 to 07/08/2010	1645028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 106TH ST (S CORNER)	DENKER AV	CO	CO	12/08/2009 to 07/08/2010	1645029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VERMONT AV (SW CORNER)	CENTURY BLVD	CO	CO	12/08/2009 to 07/08/2010	1699233	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 102ND ST (SW CORNER)	VERMONT AV	CO	CO	12/08/2009 to 07/08/2010	1699370	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 104TH ST (SW CORNER)	VERMONT AV	CO	CO	12/08/2009 to 07/08/2010	1700108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	W 105TH ST (SW CORNER)	VERMONT AV	CO	CO	12/08/2009 to 07/08/2010	1700238	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SW CORNER)	109TH ST	CO	CO	12/08/2009 to 07/08/2010	1700241	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (SE CORNER)	109TH ST	CO	CO	12/08/2009 to 07/08/2010	1700242	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 109TH PL (S CORNER)	NORMANDIE AV	CO	CO	12/08/2009 to 07/08/2010	1700244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 109TH PL (S CORNER)	NORMANDIE AV	CO	CO	12/08/2009 to 07/08/2010	1700245	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 109TH PL (NW CORNER)	BUDLONG AV	CO	CO	12/08/2009 to 07/08/2010	1700246	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W 109TH PL (SW CORNER)	BUDLONG AV	CO	CO	12/08/2009 to 07/08/2010	1700247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BUDLONG AV (E CORNER)	W 109TH PL	CO	CO	12/08/2009 to 07/08/2010	1700249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	FRANCES AV	CO	CO	12/08/2009 to 07/08/2010	1740003	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRANCES AV (SE CORNER)	PENNSYLVANIA AV	CO	CO	12/08/2009 to 07/08/2010	1740004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (E CORNER)	HARMONY PL	CO	CO	12/08/2009 to 07/08/2010	1740006	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	QUAIL CANYON RD (NE CORNER)	MARKRIDGE RD	CO	CO	12/08/2009 to 07/08/2010	1740016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUDCREST RD (NE CORNER)	MARKRIDGE RD	CO	CO	12/08/2009 to 07/08/2010	1740022	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARKRIDGE RD (N CORNER)	CORTOLANE DR	CO	CO	12/08/2009 to 07/08/2010	1740025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOPETON RD (S CORNER)	CLOUDCREST RD	CO	CO	12/08/2009 to 07/08/2010	1740028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOPETON RD (N CORNER)	CLOUDCREST RD	CO	CO	12/08/2009 to 07/08/2010	1740029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOPETON RD (S CORNER)	PINECONE RD	CO	CO	12/08/2009 to 07/08/2010	1740030	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOPETON RD (N CORNER)	PINECONE RD	CO	CO	12/08/2009 to 07/08/2010	1740031	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN PINE DR (N CORNER)	RAMSDELL AV	CO	CO	12/08/2009 to 07/08/2010	1740038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN PINE DR (N CORNER)	RAMSDELL AV	CO	CO	12/08/2009 to 07/08/2010	1740039	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECONE RD (E CORNER)	HIGHRIDGE RD	CO	CO	12/08/2009 to 07/08/2010	1740040	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECONE RD (E CORNER)	HIGHRIDGE RD	CO	CO	12/08/2009 to 07/08/2010	1740042	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECONE RD (W CORNER)	HIGHRIDGE RD	CO	CO	12/08/2009 to 07/08/2010	1740043	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECONE RD (E CORNER)	HIGHRIDGE RD	CO	CO	12/08/2009 to 07/08/2010	1740044	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWHAVEN DR (N CORNER)	PINECONE RD	CO	CO	12/08/2009 to 07/08/2010	1740045	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINELAWN DR (N CORNER)	PINECONE RD	CO	CO	12/08/2009 to 07/08/2010	1740047	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RIDGEPINE DR (NE CORNER)	PINECONE RD	CO	CO	12/08/2009 to 07/08/2010	1740051	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECONE RD (NE CORNER)	PINELAWN DR	CO	CO	12/08/2009 to 07/08/2010	1740052	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECONE RD (NE CORNER)	RIDGEPINE DR	CO	CO	12/08/2009 to 07/08/2010	1740054	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINEGLEN RD (W CORNER)	PINELAWN DR	CO	CO	12/08/2009 to 07/08/2010	1740057	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINEGLEN RD (E CORNER)	PINELAWN DR	CO	CO	12/08/2009 to 07/08/2010	1740058	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRANCES AV (E CORNER)	PENNSYLVANIA AV	CO	CO	12/08/2009 to 07/08/2010	1740249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	ORANGE AV	CO	CO	12/08/2009 to 07/08/2010	1740258	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	EL GAMINTO	CO	CO	12/08/2009 to 07/08/2010	1740264	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	BROOKHILL ST	CO	CO	12/08/2009 to 07/08/2010	1740268	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN PINE DR (S CORNER)	RAMSDELL AV	CO	CO	12/08/2009 to 07/08/2010	1740272	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (NW CORNER)	ADAMS ST	CO	CO	12/08/2009 to 07/08/2010	1740274	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADAMS ST (NE CORNER)	RAMSDELL AV	CO	CO	12/08/2009 to 07/08/2010	1740275	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADAMS ST (SE CORNER)	RAMSDELL AV	CO	CO	12/08/2009 to 07/08/2010	1740276	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (NW CORNER)	ORANGE AV	CO	CO	12/08/2009 to 07/08/2010	1740277	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	FAIRESTA ST	CO	CO	12/08/2009 to 07/08/2010	1740290	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	PONTIAC ST	CO	CO	12/08/2009 to 07/08/2010	1740291	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOS OLIVOS LN (NE CORNER)	PENNSYLVANIA AV	CO	CO	12/08/2009 to 07/08/2010	1740292	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	LOS OLIVOS LN	CO	CO	12/08/2009 to 07/08/2010	1740293	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	ALABAMA ST	CO	CO	12/08/2009 to 07/08/2010	1740294	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STEVENS ST (SE CORNER)	PENNSYLVANIA AV	CO	CO	12/08/2009 to 07/08/2010	1740295	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STEVENS ST (NE CORNER)	PENNSYLVANIA AV	CO	CO	12/08/2009 to 07/08/2010	1740296	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	STEVEN ST	CO	CO	12/08/2009 to 07/08/2010	1740297	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOS OLIVOS LN (N CORNER)	RAMSDELL AV	CO	CO	12/08/2009 to 07/08/2010	1740300	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALABAMA ST (SW CORNER)	RAMSDELL AV	CO	CO	12/08/2009 to 07/08/2010	1740301	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (NE CORNER)	ALABAMA ST	CO	CO	12/08/2009 to 07/08/2010	1740302	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (W CORNER)	STEVEN ST	CO	CO	12/08/2009 to 07/08/2010	1740303	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (E CORNER)	STEVEN ST	CO	CO	12/08/2009 to 07/08/2010	1740304	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENWOOD AV (E CORNER)	STEVEN ST	CO	CO	12/08/2009 to 07/08/2010	1740305	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENWOOD AV (E CORNER)	STEVEN ST	CO	CO	12/08/2009 to 07/08/2010	1740306	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL CAMINITO (SW CORNER)	RAMSDELL AV	CO	CO	12/08/2009 to 07/08/2010	1740307	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (NW CORNER)	EL CAMINITO	CO	CO	12/08/2009 to 07/08/2010	1740308	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (NE CORNER)	EL CAMINITO	CO	CO	12/08/2009 to 07/08/2010	1740309	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (W CORNER)	SANTA CARLOTTA ST	CO	CO	12/08/2009 to 07/08/2010	1740311	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (W CORNER)	PARAISO WY	CO	CO	12/08/2009 to 07/08/2010	1740312	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ORANGE AV (S CORNER)	CECILVILLE AV	CO	CO	12/08/2009 to 07/08/2010	1740313	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ORANGE AV (NW CORNER)	ELADOBLE LN	CO	CO	12/08/2009 to 07/08/2010	1740315	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ORANGE AV (SE CORNER)	ELADOBLE LN	CO	CO	12/08/2009 to 07/08/2010	1740317	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ORANGE AV (NE CORNER)	ELADOBLE LN	CO	CO	12/08/2009 to 07/08/2010	1740318	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMONT AV (W CORNER)	ORANGE AV	CO	CO	12/08/2009 to 07/08/2010	1740319	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMONT AV (W CORNER)	ORANGE AV	CO	CO	12/08/2009 to 07/08/2010	1740320	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINEGLEN RD (NW CORNER)	MOUNTAIN PINE DR	CO	CO	12/08/2009 to 07/08/2010	1740331	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINEGLEN RD (W CORNER)	MOUNTAIN PINE DR	CO	CO	12/08/2009 to 07/08/2010	1740332	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINEGLEN RD (W CORNER)	MOUNTAIN PINE DR	CO	CO	12/08/2009 to 07/08/2010	1740333	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ENCINAL AV (S CORNER)	PENNSYLVANIA AV	CO	CO	12/08/2009 to 07/08/2010	1741008	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris





ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	FAIRMOUNT AV (NE CORNER)	RAMSDELL AV	CO	CO	12/08/2009 to 07/08/2010	1741105	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (NE CORNER)	FRANKLIN AV	CO	CO	12/08/2009 to 07/08/2010	1741107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	FOOTHILL BLVD	CO	CO	12/08/2009 to 07/08/2010	1741118	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BLVD (N CORNER)	CLOUD AV	CO	CO	12/08/2009 to 07/08/2010	1741119	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BLVD (NW CORNER)	CLOUD AV	CO	CO	12/08/2009 to 07/08/2010	1741120	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BLVD (NE CORNER)	CLOUD AV	CO	CO	12/08/2009 to 07/08/2010	1741121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BLVD (SW CORNER)	CLOUD AV	CO	CO	12/08/2009 to 07/08/2010	1741123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	ABELLA ST	CO	CO	12/08/2009 to 07/08/2010	1741126	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ABELLA ST (NE CORNER)	PENNSYLVANIA AV	CO	CO	12/08/2009 to 07/08/2010	1741127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUD AV (NW CORNER)	COMMUNITY AV	CO	CO	12/08/2009 to 07/08/2010	1741128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMMUNITY AV (W CORNER)	ABELLA ST	CO	CO	12/08/2009 to 07/08/2010	1741132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PENNSYLVANIA AV (NE CORNER)	PROSPECT AV	CO	CO	12/08/2009 to 07/08/2010	1741134	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROSPECT AV (NE CORNER)	PENNSYLVANIA AV	CO	CO	12/08/2009 to 07/08/2010	1741135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROSPECT AV (SE CORNER)	PENNSYLVANIA AV	CO	CO	12/08/2009 to 07/08/2010	1741136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (SE CORNER)	FAIRWAY AV	CO	CO	12/08/2009 to 07/08/2010	1741197	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (NE CORNER)	MONROSE AV	CO	CO	12/08/2009 to 07/08/2010	1741198	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMONT AV (NW CORNER)	MARY ST	CO	CO	12/08/2009 to 07/08/2010	1741258	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSEMONT AV (NE CORNER)	COMMUNITY AV	CO	CO	12/08/2009 to 07/08/2010	1741260	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROSPECT AV (NW CORNER)	ROSEMONT AV	CO	CO	12/08/2009 to 07/08/2010	1741261	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CRESCENTA AV (NE CORNER)	ALTURA AV	CO	CO	12/08/2009 to 07/08/2010	1741262	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROSPECT AV (SW CORNER)	ROSEMONT AV	CO	CO	12/08/2009 to 07/08/2010	1741263	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CRESCENTA AV (NW CORNER)	ALTURA AV	CO	CO	12/08/2009 to 07/08/2010	1741266	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CRESCENTA AV (NE CORNER)	ALTURA AV	CO	CO	12/08/2009 to 07/08/2010	1741267	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSDELL AV (NW CORNER)	LOS OLIVOS LN	CO	CO	12/08/2009 to 07/08/2010	1741269	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUD AV (W CORNER)	COMMUNITY AV	CO	CO	12/08/2009 to 07/08/2010	1741270	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BLVD (NW CORNER)	ROSEMONT AV	CO	CO	12/08/2009 to 07/08/2010	1741271	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 60TH ST	CO	CO	12/08/2009 to 07/08/2010	1752104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 60TH ST (NE CORNER)	COMPTON AV	CO	CO	12/08/2009 to 07/08/2010	1752105	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAKEE AV (NW CORNER)	E 60TH ST	CO	CO	12/08/2009 to 07/08/2010	1752106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 60TH ST (NE CORNER)	MAKEE AV	CO	CO	12/08/2009 to 07/08/2010	1752107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAKEE AV (NE CORNER)	E 60TH ST	CO	CO	12/08/2009 to 07/08/2010	1752108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIRAMONTE BLVD (NW CORNER)	E 60TH ST	CO	CO	12/08/2009 to 07/08/2010	1752109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIRAMONTE BLVD (NE CORNER)	E 60TH ST	CO	CO	12/08/2009 to 07/08/2010	1752110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 60TH ST (NE CORNER)	E 60TH ST	CO	CO	12/08/2009 to 07/08/2010	1752111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONVERSE AV (NW CORNER)	E 60TH ST	CO	CO	12/08/2009 to 07/08/2010	1752112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONVERSE AV (NE CORNER)	E 60TH ST	CO	CO	12/08/2009 to 07/08/2010	1752113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 60TH ST (NW CORNER)	SOUTH AV	CO	CO	12/08/2009 to 07/08/2010	1752114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SOUTH AV (N CORNER)	E 60TH ST	CO	CO	12/08/2009 to 07/08/2010	1752115	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 60TH ST (N CORNER)	SOUTH AV	CO	CO	12/08/2009 to 07/08/2010	1752117	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FLORENCE AV (SE CORNER)	COMPTON AV	CO	CO	12/08/2009 to 07/08/2010	1753021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	FLORENCE AV	CO	CO	12/08/2009 to 07/08/2010	1753022	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FLORENCE AV (NE CORNER)	COMPTON AV	CO	CO	12/08/2009 to 07/08/2010	1753023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV (NW CORNER)	E 64TH ST	CO	CO	12/08/2009 to 07/08/2010	1753069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 64TH ST (NE CORNER)	PARMELEE AV	CO	CO	12/08/2009 to 07/08/2010	1753071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NW CORNER)	E GAGE AV	CO	CO	12/08/2009 to 07/08/2010	1753073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 73RD ST (NW CORNER)	HOOPER AV	CO	CO	12/08/2009 to 07/08/2010	1753102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (NW CORNER)	HOOPER AV	CO	CO	12/08/2009 to 07/08/2010	1753341	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (SW CORNER)	NAOMI AV	CO	CO	12/08/2009 to 07/08/2010	1753343	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NADEAU ST (NE CORNER)	S CENTRAL AV	CO	CO	12/08/2009 to 07/08/2010	1753344	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (NE CORNER)	NADEAU ST	CO	CO	12/08/2009 to 07/08/2010	1753346	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 77TH ST (NE CORNER)	PARMELEE AV	CO	CO	12/08/2009 to 07/08/2010	1753374	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV (NE CORNER)	E 77TH ST	CO	CO	12/08/2009 to 07/08/2010	1753375	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV (NW CORNER)	E 77TH ST	CO	CO	12/08/2009 to 07/08/2010	1753376	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 77TH PL (NW CORNER)	PARMELEE AV	CO	CO	12/08/2009 to 07/08/2010	1753377	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 77TH PL (NE CORNER)	PARMELEE AV	CO	CO	12/08/2009 to 07/08/2010	1753378	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV (NW CORNER)	E 77TH ST	CO	CO	12/08/2009 to 07/08/2010	1753379	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV (NE CORNER)	E 77TH ST	CO	CO	12/08/2009 to 07/08/2010	1753380	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 78TH ST (NW CORNER)	PARMELEE AV	CO	CO	12/08/2009 to 07/08/2010	1753381	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 78TH ST (NE CORNER)	PARMELEE AV	CO	CO	12/08/2009 to 07/08/2010	1753382	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV (NW CORNER)	E 78TH ST	CO	CO	12/08/2009 to 07/08/2010	1753383	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV (NE CORNER)	E 78TH ST	CO	CO	12/08/2009 to 07/08/2010	1753384	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV (NW CORNER)	NADEAU ST	CO	CO	12/08/2009 to 07/08/2010	1753386	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARMELEE AV (NE CORNER)	NADEAU ST	CO	CO	12/08/2009 to 07/08/2010	1753387	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOU DILLON AV (NW CORNER)	NADEAU ST	CO	CO	12/08/2009 to 07/08/2010	1753425	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (SE CORNER)	E 85TH ST	CO	CO	12/08/2009 to 07/08/2010	1754002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIRAMONTE BLVD (NW CORNER)	FIRESTONE BLVD	CO	CO	12/08/2009 to 07/08/2010	1754003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIRAMONTE BLVD (NE CORNER)	FIRESTONE BLVD	CO	CO	12/08/2009 to 07/08/2010	1754004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAIE AV (SW CORNER)	E 85TH ST	CO	CO	12/08/2009 to 07/08/2010	1754009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAIE AV (SE CORNER)	E 85TH ST	CO	CO	12/08/2009 to 07/08/2010	1754010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 85TH ST (SE CORNER)	GRAHAM AV	CO	CO	12/08/2009 to 07/08/2010	1754011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
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L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E 85TH ST (NE CORNER)	GRAHAM AV	CO	CO	12/08/2009 to 07/08/2010	1754012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAHAM AV (E CORNER)	E 85TH ST	CO	CO	12/08/2009 to 07/08/2010	1754013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 84TH ST (SE CORNER)	GRAHAM AV	CO	CO	12/08/2009 to 07/08/2010	1754014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 84TH ST (NE CORNER)	GRAHAM AV	CO	CO	12/08/2009 to 07/08/2010	1754015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRAHAM AV (E CORNER)	E 84TH ST	CO	CO	12/08/2009 to 07/08/2010	1754016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FIRESTONE BLVD (NW CORNER)	BELL AV	CO	CO	12/08/2009 to 07/08/2010	1754031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FIRESTONE BLVD (NW CORNER)	HOLMES AV	CO	CO	12/08/2009 to 07/08/2010	1754034	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AV (NE CORNER)	E FIRESTONE BLVD	CO	CO	12/08/2009 to 07/08/2010	1754035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLMES AV (NE CORNER)	E FIRESTONE BLVD	CO	CO	12/08/2009 to 07/08/2010	1754036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEACH ST (NW CORNER)	E FIRESTONE BLVD	CO	CO	12/08/2009 to 07/08/2010	1754038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEACH ST (NE CORNER)	E FIRESTONE BLVD	CO	CO	12/08/2009 to 07/08/2010	1754039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOU DILLON AV (NE CORNER)	E 83RD ST	CO	CO	12/08/2009 to 07/08/2010	1754053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOU DILLON AV (NW CORNER)	E 83RD ST	CO	CO	12/08/2009 to 07/08/2010	1754054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (NE CORNER)	E 85TH ST	CO	CO	12/08/2009 to 07/08/2010	1754061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E FIRESTONE BLVD	CO	CO	12/08/2009 to 07/08/2010	1754279	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E FIRESTONE BLVD (NE CORNER)	COMPTON AV	CO	CO	12/08/2009 to 07/08/2010	1754280	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 89TH ST	CO	CO	12/08/2009 to 07/08/2010	1754291	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV (NE CORNER)	E 92ND ST	CO	CO	12/08/2009 to 07/08/2010	1754349	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOOPER AV (NW CORNER)	E 92ND ST	CO	CO	12/08/2009 to 07/08/2010	1754350	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (E CORNER)	E 121ST ST	CO	CO	12/08/2009 to 07/08/2010	1755277	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST (SE CORNER)	SLATER AV	CO	CO	12/08/2009 to 07/08/2010	1755284	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 120TH ST (NE CORNER)	SLATER AV	CO	CO	12/08/2009 to 07/08/2010	1755288	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANTWERP ST (NW CORNER)	E 120TH ST	CO	CO	12/08/2009 to 07/08/2010	1755289	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANTWERP ST (NE CORNER)	E 120TH ST	CO	CO	12/08/2009 to 07/08/2010	1755290	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANTWERP ST (SE CORNER)	E 120TH ST	CO	CO	12/08/2009 to 07/08/2010	1755291	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 117TH ST	CO	CO	12/08/2009 to 07/08/2010	1755301	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMPTON AV (NE CORNER)	E 119TH ST	CO	CO	12/08/2009 to 07/08/2010	1755305	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E IMPERIAL HWY (SW CORNER)	COMPTON AV	CO	CO	12/08/2009 to 07/08/2010	1755313	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	120TH ST (NE CORNER)	ALABAMA ST	CO	CO	12/08/2009 to 07/08/2010	1755551	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	120TH ST (NE CORNER)	ALABAMA ST	CO	CO	12/08/2009 to 07/08/2010	1755552	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 124TH ST (NW CORNER)	S WILMINGTON AV	CO	CO	12/08/2009 to 07/08/2010	1756038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BLVD (W CORNER)	E 122TH ST	CO	CO	12/08/2009 to 07/08/2010	1756071	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WADSWORTH AV (W CORNER)	E 122TH ST	CO	CO	12/08/2009 to 07/08/2010	1756072	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (NW CORNER)	EL SEGUNDO BLVD	CO	CO	12/08/2009 to 07/08/2010	1756078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (SW CORNER)	EL SEGUNDO BLVD	CO	CO	12/08/2009 to 07/08/2010	1756081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CENTRAL AV (W CORNER)	EL SEGUNDO BLVD	CO	CO	12/08/2009 to 07/08/2010	1756123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MCKINLEY AV (NE CORNER)	E 131ST ST	CO	CO	12/08/2009 to 07/08/2010	1756138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 129TH ST (SW CORNER)	S AVALON BLVD	CO	CO	12/08/2009 to 07/08/2010	1756151	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 129TH ST (NE CORNER)	TOWNE AV	CO	CO	12/08/2009 to 07/08/2010	1756152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNE AV (SE CORNER)	E 129TH ST	CO	CO	12/08/2009 to 07/08/2010	1756153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 130TH ST (SE CORNER)	TOWNE AV	CO	CO	12/08/2009 to 07/08/2010	1756154	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 126TH ST (SW CORNER)	S AVALON BLVD	CO	CO	12/08/2009 to 07/08/2010	1756162	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 126TH ST (NW CORNER)	S AVALON BLVD	CO	CO	12/08/2009 to 07/08/2010	1756163	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 135TH ST (NW CORNER)	S AVALON BLVD	CO	CO	12/08/2009 to 07/08/2010	1756175	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IRVING AV (W CORNER)	MANZANITA ST	CO	CO	12/08/2009 to 07/08/2010	1795001	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (SW CORNER)	TEASLEY ST	CO	CO	12/08/2009 to 07/08/2010	1795015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (SE CORNER)	TEASLEY ST	CO	CO	12/08/2009 to 07/08/2010	1795016	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (NE CORNER)	CINCO CASITAS LN	CO	CO	12/08/2009 to 07/08/2010	1795017	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (SE CORNER)	HENRIETTA AV	CO	CO	12/08/2009 to 07/08/2010	1795018	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARACAS ST (NE CORNER)	BRIGGS AV	CO	CO	12/08/2009 to 07/08/2010	1796030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARACAS ST (SE CORNER)	BRIGGS AV	CO	CO	12/08/2009 to 07/08/2010	1796031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (NE CORNER)	CHAPMAN RD	CO	CO	12/08/2009 to 07/08/2010	1796033	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHAPMAN RD (SE CORNER)	BRIGGS AV	CO	CO	12/08/2009 to 07/08/2010	1796034	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ORANGE COVE AV (SE CORNER)	BRIGGS AV	CO	CO	12/08/2009 to 07/08/2010	1796035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ORANGE COVE AV (W CORNER)	BRIGGS AV	CO	CO	12/08/2009 to 07/08/2010	1796036	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (SE CORNER)	LAUGHLIN ST	CO	CO	12/08/2009 to 07/08/2010	1796038	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PANORAMA DR (SE CORNER)	BRIGGS AV	CO	CO	12/08/2009 to 07/08/2010	1796039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (NW CORNER)	LOS AMIGOS ST	CO	CO	12/08/2009 to 07/08/2010	1796040	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (E CORNER)	EL MORENO ST	CO	CO	12/08/2009 to 07/08/2010	1796041	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (NE CORNER)	EL MORENO ST	CO	CO	12/08/2009 to 07/08/2010	1796042	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (NW CORNER)	LOS OLIVOS LN	CO	CO	12/08/2009 to 07/08/2010	1796043	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (NE CORNER)	MOUNTAIN AV	CO	CO	12/08/2009 to 07/08/2010	1796044	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (W CORNER)	MOUNTAIN AV	CO	CO	12/08/2009 to 07/08/2010	1796045	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN AV (S CORNER)	BRIGGS AV	CO	CO	12/08/2009 to 07/08/2010	1796046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MOUNTAIN AV (S CORNER)	BRIGGS AV	CO	CO	12/08/2009 to 07/08/2010	1796047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARELLEN PL (NE CORNER)	FAIRMOUNT AV	CO	CO	12/08/2009 to 07/08/2010	1796049	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRMOUNT AV (NE CORNER)	MARELLEN PL	CO	CO	12/08/2009 to 07/08/2010	1796050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRMOUNT AV (NW CORNER)	SUNSET AV	CO	CO	12/08/2009 to 07/08/2010	1796051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET AV (NW CORNER)	FAIRMOUNT AV	CO	CO	12/08/2009 to 07/08/2010	1796052	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET AV (NE CORNER)	FAIRMOUNT AV	CO	CO	12/08/2009 to 07/08/2010	1796053	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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**Certified Full Capture Systems Database**

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	FAIRMOUNT AV (NE CORNER)	SUNSET AV	CO	CO	12/08/2009 to 07/08/2010	1796054	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (W CORNER)	FAIRMOUNT AV	CO	CO	12/08/2009 to 07/08/2010	1796055	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (NW CORNER)	CROSS ST	CO	CO	12/08/2009 to 07/08/2010	1796057	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (E CORNER)	CROSS ST	CO	CO	12/08/2009 to 07/08/2010	1796058	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (W CORNER)	CROSS ST	CO	CO	12/08/2009 to 07/08/2010	1796059	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (E CORNER)	CROSS ST	CO	CO	12/08/2009 to 07/08/2010	1796060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRIGGS AV (E CORNER)	CROSS ST	CO	CO	12/08/2009 to 07/08/2010	1796061	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET AV (NE CORNER)	PROSPECT AV	CO	CO	12/08/2009 to 07/08/2010	1796063	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROSPECT AV (SW CORNER)	SUNSET AV	CO	CO	12/08/2009 to 07/08/2010	1796064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROSPECT AV (SW CORNER)	SUNSET AV	CO	CO	12/08/2009 to 07/08/2010	1796065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N OCEAN VIEW BLVD (NW CORNER)	BARTON LN	CO	CO	12/08/2009 to 07/08/2010	1796067	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N OCEAN VIEW BLVD (W CORNER)	BARTON LN	CO	CO	12/08/2009 to 07/08/2010	1796068	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OCEAN VIEW BLVD (W CORNER)	LUANA LN	CO	CO	12/08/2009 to 07/08/2010	1796101	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OCEAN VIEW BLVD (NW CORNER)	MONTROSE AV	CO	CO	12/08/2009 to 07/08/2010	1797067	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OCEAN VIEW BLVD (NW CORNER)	FLORENCITA AV	CO	CO	12/08/2009 to 07/08/2010	1797072	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCITA AV (NW CORNER)	OCEAN VIEW BLVD	CO	CO	12/08/2009 to 07/08/2010	1797074	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET AV (W CORNER)	HERMOSEA AV	CO	CO	12/08/2009 to 07/08/2010	1797079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT ST (NW CORNER)	SEVILLE AV	CO	CO	12/08/2009 to 07/08/2010	1808178	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEVILLE AV (NE CORNER)	WALNUT ST	CO	CO	12/08/2009 to 07/08/2010	1808179	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALTER ST (SE CORNER)	ROSEBERRY AV	CO	CO	12/08/2009 to 07/08/2010	1808200	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEVILLE AV (NE CORNER)	GRAND AV	CO	CO	12/08/2009 to 07/08/2010	1808204	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLIVE ST (NE CORNER)	S SANTA FE AVE	CO	CO	12/08/2009 to 07/08/2010	1808222	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLIVE ST (NE CORNER)	MOUNTAIN VIEW AV	CO	CO	12/08/2009 to 07/08/2010	1808228	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLIVE ST (SE CORNER)	MOUNTAIN VIEW AV	CO	CO	12/08/2009 to 07/08/2010	1808229	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWAY (NW CORNER)	MOUNTAIN VIEW AV	CO	CO	12/08/2009 to 07/08/2010	1808241	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWAY (SW CORNER)	MOUNTAIN VIEW AV	CO	CO	12/08/2009 to 07/08/2010	1808242	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PACIFIC BLVD (E CORNER)	CUDAHY ST	CO	CO	12/08/2009 to 07/08/2010	1808257	305	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUDAHY ST (NW CORNER)	PACIFIC BLVD	CO	CO	12/08/2009 to 07/08/2010	1808454	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CUDAHY ST (NW CORNER)	SEVILLE AV	CO	CO	12/08/2009 to 07/08/2010	1808455	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEVILLE AV (NE CORNER)	CUDAHY ST	CO	CO	12/08/2009 to 07/08/2010	1808456	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEOTA ST (W CORNER)	ROSEBERRY AV	CO	CO	12/08/2009 to 07/08/2010	1808551	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (NE CORNER)	SALE PL	CO	CO	12/08/2009 to 07/08/2010	1809067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S SANTA FE AV (NE CORNER)	CASS PL	CO	CO	12/08/2009 to 07/08/2010	1809084	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASS PL (NE CORNER)	S SANTA FE AVE	CO	CO	12/08/2009 to 07/08/2010	1809086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 97TH ST (NE CORNER)	CROESUS AV	CO	CO	12/08/2009 to 07/08/2010	1809372	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 97TH ST (NW CORNER)	JUNIPER ST	CO	CO	12/08/2009 to 07/08/2010	1809374	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAUREL ST (NE CORNER)	E 97TH ST	CO	CO	12/08/2009 to 07/08/2010	1809382	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 97TH ST (NE CORNER)	LAUREL ST	CO	CO	12/08/2009 to 07/08/2010	1809383	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ALAMEDA ST (NW CORNER)	SANTA ANA BLVD N	CO	CO	12/08/2009 to 07/08/2010	1810320	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WILLOWBROOK AV (NE CORNER)	E 126TH ST	CO	CO	12/08/2009 to 07/08/2010	1811156	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E 126TH ST (SE CORNER)	WILLOWBROOK AV	CO	CO	12/08/2009 to 07/08/2010	1811158	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S WILLOWBROOK AV (NE CORNER)	E STOCKWELL ST	CO	CO	12/08/2009 to 07/08/2010	1811176	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARANBE AV (NE CORNER)	E STOCKWELL ST	CO	CO	12/08/2009 to 07/08/2010	1811183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S ARANBE AV (NW CORNER)	E HATCHWAY ST	CO	CO	12/08/2009 to 07/08/2010	1811187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E HATCHWAY ST (NW CORNER)	S ARANBE AV	CO	CO	12/08/2009 to 07/08/2010	1811189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E STOCKWELL ST (NW CORNER)	S WILLOWBROOK AV	CO	CO	12/08/2009 to 07/08/2010	1811204	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E STOCKWELL ST (SW CORNER)	S WILLOWBROOK AV	CO	CO	12/08/2009 to 07/08/2010	1811205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S LARGO AV (NW CORNER)	E STOCKWELL ST	CO	CO	12/08/2009 to 07/08/2010	1811206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MONA BLVD (SE CORNER)	E 135TH ST	CO	CO	12/08/2009 to 07/08/2010	1811211	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (NW CORNER)	BONNIE BEACH PL	CO	CO	12/08/2009 to 07/08/2010	1859093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (NE CORNER)	BONNIE BEACH PL	CO	CO	12/08/2009 to 07/08/2010	1859097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KNOWLES AV (SW CORNER)	MEDFORD ST	CO	CO	12/08/2009 to 07/08/2010	1859098	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (SE CORNER)	KNOWLES AV	CO	CO	12/08/2009 to 07/08/2010	1859099	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (S CORNER)	MILLER AV	CO	CO	12/08/2009 to 07/08/2010	1859100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (N CORNER)	MILLER AV	CO	CO	12/08/2009 to 07/08/2010	1859101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER AV (SE CORNER)	MEDFORD ST	CO	CO	12/08/2009 to 07/08/2010	1859102	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (SE CORNER)	MILLER AV	CO	CO	12/08/2009 to 07/08/2010	1859103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (NE CORNER)	MILLER AV	CO	CO	12/08/2009 to 07/08/2010	1859104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARNEY AV (NW CORNER)	EASTERN AV	CO	CO	12/08/2009 to 07/08/2010	1859113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARNEY AV (NE CORNER)	EASTERN AV	CO	CO	12/08/2009 to 07/08/2010	1859114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARNEY AV (SE CORNER)	EASTERN AV	CO	CO	12/08/2009 to 07/08/2010	1859115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTERN AV (W CORNER)	LANSLOWNE AV	CO	CO	12/08/2009 to 07/08/2010	1859117	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LANSLOWNE AV (W CORNER)	EASTERN AV	CO	CO	12/08/2009 to 07/08/2010	1859118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTERN AV (E CORNER)	LANSLOWNE AV	CO	CO	12/08/2009 to 07/08/2010	1859119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LANSLOWNE AV (E CORNER)	AN/EASTERN AV	CO	CO	12/08/2009 to 07/08/2010	1859120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITESIDE ST (NW CORNER)	EASTERN AV	CO	CO	12/08/2009 to 07/08/2010	1859123	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTERN AV (SW CORNER)	WHITESIDE ST	CO	CO	12/08/2009 to 07/08/2010	1859124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDIANA ST (NE CORNER)	EVERGREEN AV	CO	CO	12/08/2009 to 07/08/2010	1859179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOWLER ST (NE CORNER)	WHITESIDE ST	CO	CO	12/08/2009 to 07/08/2010	1859181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FISHBURN AV (W CORNER)	FOWLER ST	CO	CO	12/08/2009 to 07/08/2010	1859182	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	FISHBURN AV (E CORNER)	FOWLER ST	CO	CO	12/08/2009 to 07/08/2010	1859183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOWLER ST (NE CORNER)	FISHBURN AV	CO	CO	12/08/2009 to 07/08/2010	1859184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITESIDE ST (SW CORNER)	N DITMAN AV	CO	CO	12/08/2009 to 07/08/2010	1859186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADKISSON AV (NW CORNER)	WHITESIDE ST	CO	CO	12/08/2009 to 07/08/2010	1859187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADKISSON AV (NE CORNER)	WHITESIDE ST	CO	CO	12/08/2009 to 07/08/2010	1859188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITESIDE ST (S CORNER)	KURTZ AV	CO	CO	12/08/2009 to 07/08/2010	1859190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADKISSON AV (SW CORNER)	FOWLER ST	CO	CO	12/08/2009 to 07/08/2010	1859191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADKISSON AV (SE CORNER)	FOWLER ST	CO	CO	12/08/2009 to 07/08/2010	1859192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOWLER ST (NE CORNER)	N DITMAN AV	CO	CO	12/08/2009 to 07/08/2010	1859193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DITMAN AV (SW CORNER)	MEDFORD ST	CO	CO	12/08/2009 to 07/08/2010	1859194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DITMAN AV (SE CORNER)	MEDFORD ST	CO	CO	12/08/2009 to 07/08/2010	1859195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (S CORNER)	DITMAN AV	CO	CO	12/08/2009 to 07/08/2010	1859196	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (N CORNER)	DITMAN AV	CO	CO	12/08/2009 to 07/08/2010	1859197	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOWLER ST (S CORNER)	MEDFORD ST	CO	CO	12/08/2009 to 07/08/2010	1859198	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITESIDE ST (SE CORNER)	KNOWLES AV	CO	CO	12/08/2009 to 07/08/2010	1859206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDFORD ST (NW CORNER)	BONNIE BEACH PL	CO	CO	12/08/2009 to 07/08/2010	1859208	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BONNIE BEACH PL (SE CORNER)	MEDFORD ST	CO	CO	12/08/2009 to 07/08/2010	1859209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BONNIE BEACH PL (W CORNER)	MICHIGAN AV	CO	CO	12/08/2009 to 07/08/2010	1860089	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMA AV (SW CORNER)	CESAR CHAVEZ AV	CO	CO	12/08/2009 to 07/08/2010	1860122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (SE CORNER)	DITMAN AV	CO	CO	12/08/2009 to 07/08/2010	1860137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR CHAVEZ AV (SW CORNER)	ROWAN AV	CO	CO	12/08/2009 to 07/08/2010	1860145	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROWAN AV (NW CORNER)	CESAR CHAVEZ AV	CO	CO	12/08/2009 to 07/08/2010	1860147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CESAR E CHAVEZ AV (NE CORNER)	ROWAN AV	CO	CO	12/08/2009 to 07/08/2010	1860148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROWAN AV (SE CORNER)	CESAR CHAVEZ AV	CO	CO	12/08/2009 to 07/08/2010	1860150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTMAN AV (SW CORNER)	CESAR CHAVEZ AV	CO	CO	12/08/2009 to 07/08/2010	1860151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	5TH ST (N CORNER)	GAGE AV	CO	CO	12/08/2009 to 07/08/2010	1860254	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUBBARD ST (N CORNER)	RECORD AV	CO	CO	12/08/2009 to 07/08/2010	1860264	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HICKS AV (NE CORNER)	CESAR CHAVEZ AV	CO	CO	12/08/2009 to 07/08/2010	1860287	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNSEND AV (NE CORNER)	CESAR CHAVEZ AV	CO	CO	12/08/2009 to 07/08/2010	1860289	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S BONNIE BEACH PL (SE CORNER)	WHITTIER BLVD	CO	CO	12/08/2009 to 07/08/2010	1861010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (SE CORNER)	DOWNNEY RD	CO	CO	12/08/2009 to 07/08/2010	1861012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AS/WHITTIER BL (SE CORNER)	S DOWNNEY RD	CO	CO	12/08/2009 to 07/08/2010	1861018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RECORD AV (W CORNER)	DENNISON ST	CO	CO	12/08/2009 to 07/08/2010	1861021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RECORD AV (E CORNER)	DENNISON ST	CO	CO	12/08/2009 to 07/08/2010	1861022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NW CORNER)	EASTERN AV	CO	CO	12/08/2009 to 07/08/2010	1861066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDIANA ST (NE CORNER)	WHITTIER BLVD	CO	CO	12/08/2009 to 07/08/2010	1861082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALMA AV (NE CORNER)	WHITTIER BLVD	CO	CO	12/08/2009 to 07/08/2010	1861084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DITMAN AV (NE CORNER)	WHITTIER BLVD	CO	CO	12/08/2009 to 07/08/2010	1861089	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NE CORNER)	TOWNSEND AV	CO	CO	12/08/2009 to 07/08/2010	1861093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROWAN AV (NW CORNER)	WHITTIER BLVD	CO	CO	12/08/2009 to 07/08/2010	1861094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (NE CORNER)	INDIANA ST	CO	CO	12/08/2009 to 07/08/2010	1861113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNSEND AV (NW CORNER)	UNION PACIFIC AV	CO	CO	12/08/2009 to 07/08/2010	1861142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD (SW CORNER)	DOWNNEY RD	CO	CO	12/08/2009 to 07/08/2010	1861225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTERN AV (SE CORNER)	WHITTIER BL	CO	CO	12/08/2009 to 07/08/2010	1861226	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSECRANS AV (NE CORNER)	ATLANTIC AV	CO	CO	12/08/2009 to 07/08/2010	1866211	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL PRIETO RD (NW CORNER)	RISING HILL RD	CO	CO	12/08/2009 to 07/08/2010	1905002	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL PRIETO RD (NE CORNER)	RISING HILL RD	CO	CO	12/08/2009 to 07/08/2010	1905003	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W LOMA ALTA DR (NE CORNER)	CHANEY TR	CO	CO	12/08/2009 to 07/08/2010	1906002	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENROSE AVE (NW CORNER)	W LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1906004	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIR OAKS AVE (NW CORNER)	W LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1906006	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIR OAKS AVE (NE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1906007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR (NW CORNER)	MCNALLY AVE	CO	CO	12/08/2009 to 07/08/2010	1906008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTA PINE DR (SW CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1906013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEVONWOOD RD (SE CORNER)	CANON BLVD	CO	CO	12/08/2009 to 07/08/2010	1906016	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CANON BLVD (NE CORNER)	VINEHILL DR	CO	CO	12/08/2009 to 07/08/2010	1906017	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CANON BLVD (NW CORNER)	VINEHILL DR	CO	CO	12/08/2009 to 07/08/2010	1906018	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR (NE CORNER)	CANON BLVD	CO	CO	12/08/2009 to 07/08/2010	1906020	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W PALM ST (NW CORNER)	DABNEY ST	CO	CO	12/08/2009 to 07/08/2010	1906025	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W LOMA ALTA DR (NW CORNER)	SUNSET RIDGE RD	CO	CO	12/08/2009 to 07/08/2010	1906027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRESTFORD DR (NE CORNER)	W ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1906028	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRESTFORD DR (NW CORNER)	W ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1906029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CANYON CREST RD (SW CORNER)	ARALIA RD	CO	CO	12/08/2009 to 07/08/2010	1906031	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CANYON CREST RD (SE CORNER)	ARALIA RD	CO	CO	12/08/2009 to 07/08/2010	1906032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ARALIA RD (SE CORNER)	GRAVELIA ST	CO	CO	12/08/2009 to 07/08/2010	1906033	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W ALTADENA DR (NE CORNER)	CRESTFORD DR	CO	CO	12/08/2009 to 07/08/2010	1906035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASITAS AVE (NW CORNER)	W MARIPOSA ST	CO	CO	12/08/2009 to 07/08/2010	1906039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASITAS AVE (NE CORNER)	W MARIPOSA ST	CO	CO	12/08/2009 to 07/08/2010	1906040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W MARIPOSA ST (NE CORNER)	CASITAS AVE	CO	CO	12/08/2009 to 07/08/2010	1906041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W MARIPOSA ST (NE CORNER)	CASITAS AVE	CO	CO	12/08/2009 to 07/08/2010	1906042	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W MARIPOSA ST (NE CORNER)	CASITAS AVE	CO	CO	12/08/2009 to 07/08/2010	1906043	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



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Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	W TERRACE ST (SE CORNER)	GLENROSE AVE	CO	CO	12/08/2009 to 07/08/2010	1906139	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENROSE AVE (NE CORNER)	W TERRACE ST	CO	CO	12/08/2009 to 07/08/2010	1906141	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W ALTADENA DR (SE CORNER)	GLENROSE AVE	CO	CO	12/08/2009 to 07/08/2010	1906142	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W ALTADENA DR (NE CORNER)	GLENROSE AVE	CO	CO	12/08/2009 to 07/08/2010	1906143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLENROSE AVE (NE CORNER)	W ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1906144	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (SE CORNER)	FAIR OAKS AVE	CO	CO	12/08/2009 to 07/08/2010	1906146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (SE CORNER)	FAIR OAKS AVE	CO	CO	12/08/2009 to 07/08/2010	1906147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIR OAKS AVE (NE CORNER)	E CALAVERAS ST	CO	CO	12/08/2009 to 07/08/2010	1906148	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIR OAKS AVE (NE CORNER)	E CALAVERAS ST	CO	CO	12/08/2009 to 07/08/2010	1906149	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MARIPOSA ST (NW CORNER)	MARENGO AVE	CO	CO	12/08/2009 to 07/08/2010	1906152	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARENGO AVE (NW CORNER)	E MARIPOSA ST	CO	CO	12/08/2009 to 07/08/2010	1906153	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARENGO AVE (NE CORNER)	E MARIPOSA ST	CO	CO	12/08/2009 to 07/08/2010	1906154	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MARIPOSA ST (NE CORNER)	MARENGO AVE	CO	CO	12/08/2009 to 07/08/2010	1906155	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (NE CORNER)	MARENGO AVE	CO	CO	12/08/2009 to 07/08/2010	1906156	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARENGO AVE (NE CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1906157	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARENGO AVE (NW CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1906158	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AVE (NE CORNER)	E MARIPOSA ST	CO	CO	12/08/2009 to 07/08/2010	1906160	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (SE CORNER)	SANTA ANITA AVE	CO	CO	12/08/2009 to 07/08/2010	1906161	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AVE (NW CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1906162	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (NE CORNER)	SANTA ANITA AVE	CO	CO	12/08/2009 to 07/08/2010	1906163	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAINT JAMES PL (NE CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1906166	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ROSA AVE (NW CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1906168	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (NW CORNER)	SANTA ROSA AVE	CO	CO	12/08/2009 to 07/08/2010	1906169	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AVE (NW CORNER)	E POPPYFIELDS DR	CO	CO	12/08/2009 to 07/08/2010	1906170	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AV (NE CORNER)	E POPPYFIELDS DR	CO	CO	12/08/2009 to 07/08/2010	1906171	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LAS FLORES DR (SE CORNER)	SANTA ANITA AVE	CO	CO	12/08/2009 to 07/08/2010	1906172	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AVE (NW CORNER)	E LAS FLORES DR	CO	CO	12/08/2009 to 07/08/2010	1906173	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ATHENS ST (SW CORNER)	PUNAHOU ST	CO	CO	12/08/2009 to 07/08/2010	1906174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LAS FLORES DR (SE CORNER)	MORENGO AVE	CO	CO	12/08/2009 to 07/08/2010	1906175	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LAS FLORES DR (SW CORNER)	MORENGO AVE	CO	CO	12/08/2009 to 07/08/2010	1906176	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LAS FLORES DR (NW CORNER)	MORENGO AVE	CO	CO	12/08/2009 to 07/08/2010	1906177	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LAS FLORES DR (SE CORNER)	FAIR OAKS AVE	CO	CO	12/08/2009 to 07/08/2010	1906180	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (SE CORNER)	SCRIPPS LN	CO	CO	12/08/2009 to 07/08/2010	1906183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (NE CORNER)	SCRIPPS LN	CO	CO	12/08/2009 to 07/08/2010	1906184	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (SE CORNER)	SCRIPPS LN	CO	CO	12/08/2009 to 07/08/2010	1906185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (SE CORNER)	SCRIPPS LN	CO	CO	12/08/2009 to 07/08/2010	1906186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SUNSET RIDGE RD (NE CORNER)	W LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1906187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MORENGO AVE (NE CORNER)	E LAS FLORES DR	CO	CO	12/08/2009 to 07/08/2010	1906189	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MORENGO AVE (NE CORNER)	E LAS FLORES DR	CO	CO	12/08/2009 to 07/08/2010	1906190	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CATHERINE RD (NW CORNER)	BARRY PL	CO	CO	12/08/2009 to 07/08/2010	1907091	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CATHERINE RD (NE CORNER)	BARRY PL	CO	CO	12/08/2009 to 07/08/2010	1907092	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIGUEROA DR (NW CORNER)	N GLENROSE AVE	CO	CO	12/08/2009 to 07/08/2010	1907142	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S GERHART AV (NW CORNER)	VIA DEL DELARO	CO	CO	12/08/2009 to 07/08/2010	1914229	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIMMONS AV (W CORNER)	ALLSTON ST	CO	CO	12/08/2009 to 07/08/2010	1915271	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLSTON ST (NW CORNER)	LEONARD AV	CO	CO	12/08/2009 to 07/08/2010	1915401	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUBIO CANYON RD (NW CORNER)	RUBIO CREST DR	CO	CO	12/08/2009 to 07/08/2010	1960001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUBIO CREST DR (NW CORNER)	RUBIO CANYON RD	CO	CO	12/08/2009 to 07/08/2010	1960002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUBIO CREST DR (SW CORNER)	RUBIO VISTA RD	CO	CO	12/08/2009 to 07/08/2010	1960003	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUBIO CREST DR (NW CORNER)	RUBIO VISTA RD	CO	CO	12/08/2009 to 07/08/2010	1960004	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUBIO VISTA RD (NW CORNER)	RUBIO CREST DR	CO	CO	12/08/2009 to 07/08/2010	1960005	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUBIO VISTA RD (NE CORNER)	RUBIO CREST DR	CO	CO	12/08/2009 to 07/08/2010	1960006	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MOUNT CURVE AVE (SE CORNER)	LAKE AVE	CO	CO	12/08/2009 to 07/08/2010	1960009	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MOUNT CURVE AVE (NE CORNER)	LAKE AVE	CO	CO	12/08/2009 to 07/08/2010	1960010	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (NE CORNER)	E MOUNT CURVE AVE	CO	CO	12/08/2009 to 07/08/2010	1960011	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (NW CORNER)	E MOUNT CURVE AVE	CO	CO	12/08/2009 to 07/08/2010	1960012	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALTA PINE DR (SE CORNER)	LAKE AVE	CO	CO	12/08/2009 to 07/08/2010	1960013	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (NW CORNER)	SUNSET DR	CO	CO	12/08/2009 to 07/08/2010	1960014	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (SE CORNER)	SUNSET DR	CO	CO	12/08/2009 to 07/08/2010	1960015	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (NE CORNER)	ALPINE VILLA DR	CO	CO	12/08/2009 to 07/08/2010	1960016	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (SE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960017	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (NE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960018	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (NE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960019	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (NE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960020	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MOUNT CURVE (SE CORNER)	MONTEROSA AVE	CO	CO	12/08/2009 to 07/08/2010	1960021	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E MOUNT CURVE AVE (NE CORNER)	MONTEROSA AVE	CO	CO	12/08/2009 to 07/08/2010	1960022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTEROSA AVE (NE CORNER)	E MOUNT CURVE AVE	CO	CO	12/08/2009 to 07/08/2010	1960023	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKMAN ST (SE CORNER)	LAKE AVE	CO	CO	12/08/2009 to 07/08/2010	1960024	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PUNAHOU ST (SE CORNER)	SANTA ANITA AVE	CO	CO	12/08/2009 to 07/08/2010	1960025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PUNAHOU ST (NW CORNER)	SANTA ANITA AVE	CO	CO	12/08/2009 to 07/08/2010	1960026	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ANITA AVE (NW CORNER)	PUNAHOU ST	CO	CO	12/08/2009 to 07/08/2010	1960027	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris







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Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	CRESCENT DR (SE CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1960129	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRESCENT DR (NE CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1960130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N ALLEN AVE (NE CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1960132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR (NW CORNER)	PINECREST DR	CO	CO	12/08/2009 to 07/08/2010	1960133	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR (NW CORNER)	PINECREST	CO	CO	12/08/2009 to 07/08/2010	1960134	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECREST DR (SE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECREST DR (SE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR (NE CORNER)	PINECREST DR	CO	CO	12/08/2009 to 07/08/2010	1960137	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR (NE CORNER)	PINECREST DR	CO	CO	12/08/2009 to 07/08/2010	1960138	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECREST DR (NE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960139	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PINECREST DR (NE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960140	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E POPPYFIELDS DR (NW CORNER)	SANTA ROSA AVE	CO	CO	12/08/2009 to 07/08/2010	1960142	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUBIO CANYON RD (NE CORNER)	RUBIO CREST DR	CO	CO	12/08/2009 to 07/08/2010	1960143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR (NW CORNER)	MARENGO AVE	CO	CO	12/08/2009 to 07/08/2010	1960144	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR (SE CORNER)	MARENGO AVE	CO	CO	12/08/2009 to 07/08/2010	1960145	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTEROSA DR (NW CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960146	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MONTEROSA DR (NE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960147	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E ALTADENA DR (NE CORNER)	LAKE AVE	CO	CO	12/08/2009 to 07/08/2010	1960150	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MIDLOTHIAN DR (NW CORNER)	NEW YORK DR	CO	CO	12/08/2009 to 07/08/2010	1961218	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NEW YORK DR (NW CORNER)	N ALLEN AVE	CO	CO	12/08/2009 to 07/08/2010	1961220	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRAEBURN RD (NE CORNER)	MENDOCINO LN	CO	CO	12/08/2009 to 07/08/2010	1961256	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN MARINO AV (E CORNER)	OAKDALE ST	CO	CO	12/08/2009 to 07/08/2010	1963027	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OLYMPIC BLVD (SE CORNER)	GARFIELD AV	CO	CO	12/08/2009 to 07/08/2010	1969275	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARFIELD AV (NE CORNER)	OLYMPIC BLVD	CO	CO	12/08/2009 to 07/08/2010	1969277	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARFIELD AV (NW CORNER)	OLYMPIC BLVD	CO	CO	12/08/2009 to 07/08/2010	1969278	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTON ST (SE CORNER)	GARFIELD AV	CO	CO	12/08/2009 to 07/08/2010	1969279	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTON ST (NW CORNER)	GARFIELD AV	CO	CO	12/08/2009 to 07/08/2010	1969280	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EASTON ST (NE CORNER)	GARFIELD AV	CO	CO	12/08/2009 to 07/08/2010	1969281	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARFIELD AV (NE CORNER)	EASTON ST	CO	CO	12/08/2009 to 07/08/2010	1969282	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORTHSIDE DR (SE CORNER)	GARFIELD AV	CO	CO	12/08/2009 to 07/08/2010	1969283	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORTHSIDE DR (E CORNER)	GARFIELD AV	CO	CO	12/08/2009 to 07/08/2010	1969284	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARFIELD AV (NW CORNER)	NORTHSIDE DR	CO	CO	12/08/2009 to 07/08/2010	1969285	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GARFIELD AV (NE CORNER)	NORTHSIDE DR	CO	CO	12/08/2009 to 07/08/2010	1969286	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORTHSIDE DR (NE CORNER)	GARFIELD AV	CO	CO	12/08/2009 to 07/08/2010	1969287	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORTA CALLE (S CORNER)	QUIGLEY AV	CO	CO	12/08/2009 to 07/08/2010	2016065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORTA CALLE (N CORNER)	QUIGLEY AV	CO	CO	12/08/2009 to 07/08/2010	2016066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GAINSBOROUGH DR (N CORNER)	GAINSBOROUGH DR	CO	CO	12/08/2009 to 07/08/2010	2016198	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA PRESA DR (NW CORNER)	HUNTINGTON DR	CO	CO	12/08/2009 to 07/08/2010	2016231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA PRESA DR (SE CORNER)	GEORGE CIR	CO	CO	12/08/2009 to 07/08/2010	2016234	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (E CORNER)	OAKFOREST LN	CO	CO	12/08/2009 to 07/08/2010	2016239	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (N CORNER)	OAKFOREST LN	CO	CO	12/08/2009 to 07/08/2010	2016240	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HUNTINGTON DR (W CORNER)	MAYSDALE AV	CO	CO	12/08/2009 to 07/08/2010	2016246	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOTUS AV (NE CORNER)	HUNTINGTON DR	CO	CO	12/08/2009 to 07/08/2010	2016256	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODWARD BLVD (N CORNER)	CALIFORNIA BLVD	CO	CO	12/08/2009 to 07/08/2010	2016274	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODWARD BLVD (NW CORNER)	CALIFORNIA BLVD	CO	CO	12/08/2009 to 07/08/2010	2016276	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WOODWARD BLVD (N CORNER)	CALIFORNIA BLVD	CO	CO	12/08/2009 to 07/08/2010	2016278	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (NW CORNER)	MICHIGAN BLVD	CO	CO	12/08/2009 to 07/08/2010	2016280	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHIGAN BLVD (E CORNER)	CALIFORNIA BLVD	CO	CO	12/08/2009 to 07/08/2010	2016282	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MICHIGAN BLVD (E CORNER)	CALIFORNIA BLVD	CO	CO	12/08/2009 to 07/08/2010	2016283	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (N CORNER)	CHAPMAN WOOD RD	CO	CO	12/08/2009 to 07/08/2010	2016308	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (S CORNER)	CHAPMAN WOOD RD	CO	CO	12/08/2009 to 07/08/2010	2016309	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN PASQUAL ST (NW CORNER)	MADRE ST	CO	CO	12/08/2009 to 07/08/2010	2016388	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONGDEN AV (NW CORNER)	WILLARD AV	CO	CO	12/08/2009 to 07/08/2010	2017122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONGDEN AV (SW CORNER)	WILLARD AV	CO	CO	12/08/2009 to 07/08/2010	2017123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROVENCE RD (S CORNER)	LONGDEN AV	CO	CO	12/08/2009 to 07/08/2010	2017148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N WILLARD AV (NE CORNER)	LONGDEN AV	CO	CO	12/08/2009 to 07/08/2010	2017176	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONGDEN AV (SE CORNER)	N WILLARD AV	CO	CO	12/08/2009 to 07/08/2010	2017177	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONGDEN AV (SE CORNER)	DEERFIELD AV	CO	CO	12/08/2009 to 07/08/2010	2017180	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LONGDEN AV (NE CORNER)	DEERFIELD AV	CO	CO	12/08/2009 to 07/08/2010	2017181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEERFIELD AV (E CORNER)	LONGDEN AV	CO	CO	12/08/2009 to 07/08/2010	2017182	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEERFIELD AV (W CORNER)	LONGDEN AV	CO	CO	12/08/2009 to 07/08/2010	2017183	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOBER PL (S CORNER)	CAMINO REAL	CO	CO	12/08/2009 to 07/08/2010	2017190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MUSCATEL AV (NE CORNER)	EMPEROR AV	CO	CO	12/08/2009 to 07/08/2010	2017212	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FORTSON DR (E CORNER)	RENO AV	CO	CO	12/08/2009 to 07/08/2010	2017216	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARVEY WY (SW CORNER)	LONGDEN AV	CO	CO	12/08/2009 to 07/08/2010	2017256	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUSH ST (NE CORNER)	WALNUT GROVE AVE	CO	CO	12/08/2009 to 07/08/2010	2020246	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUSH ST (E CORNER)	WALNUT GROVE AVE	CO	CO	12/08/2009 to 07/08/2010	2020251	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RUSH ST (SE CORNER)	WALNUT GROVE AVE	CO	CO	12/08/2009 to 07/08/2010	2021022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOOTHILL BL (SW CORNER)	MICHELLINDA AV	CO	CO	12/08/2009 to 07/08/2010	2068140	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA BLVD (NW CORNER)	MICHELLINDA AV	CO	CO	12/08/2009 to 07/08/2010	2069096	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.1 - EXHIBIT 6

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Certified Full Capture Systems Database

Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	MICHILLINDA AV (NW CORNER)	COLORADO ST	CO	CO	12/08/2009 to 07/08/2010	2069133	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAMINO REAL (SW CORNER)	OAK AV	CO	CO	12/08/2009 to 07/08/2010	2070089	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAMINO REAL (NW CORNER)	OAK AV	CO	CO	12/08/2009 to 07/08/2010	2070091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CAMINO REAL AV (NW CORNER)	TEMPLE CITY BLVD	CO	CO	12/08/2009 to 07/08/2010	2070100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TEMPLE CITY BLVD (NW CORNER)	CALIFORNIA BLVD	CO	CO	12/08/2009 to 07/08/2010	2070101	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LEMON AV (NW CORNER)	GOLDEN WEST AV	CO	CO	12/08/2009 to 07/08/2010	2070108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GOLDEN WEST AV (NW CORNER)	NAOMI AV	CO	CO	12/08/2009 to 07/08/2010	2070319	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFRIES AV (NW CORNER)	PECK RD	CO	CO	12/08/2009 to 07/08/2010	2120012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFRIES AV (NW CORNER)	PECK RD	CO	CO	12/08/2009 to 07/08/2010	2120013	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFRIES AV (NW CORNER)	PECK RD	CO	CO	12/08/2009 to 07/08/2010	2120014	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFRIES AV (NW CORNER)	W WYLAND WY	CO	CO	12/08/2009 to 07/08/2010	2120015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WYLAND WY (SW CORNER)	GRAYDON AV	CO	CO	12/08/2009 to 07/08/2010	2120016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WYLAND WY (SW CORNER)	PECK RD	CO	CO	12/08/2009 to 07/08/2010	2120017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WYLAND WY (NW CORNER)	PECK RD	CO	CO	12/08/2009 to 07/08/2010	2120018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W WYLAND WY (NW CORNER)	ROCHELL AV	CO	CO	12/08/2009 to 07/08/2010	2120019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFRIES AV (NW CORNER)	TREELANE AV	CO	CO	12/08/2009 to 07/08/2010	2120022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFRIES AV (SW CORNER)	TREELANE AV	CO	CO	12/08/2009 to 07/08/2010	2120023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFRIES AV (SW CORNER)	TREELANE AV	CO	CO	12/08/2009 to 07/08/2010	2120024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFRIES AV (NW CORNER)	TREELANE AV	CO	CO	12/08/2009 to 07/08/2010	2120025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFRIES AV (SE CORNER)	FAIRGREEN AV	CO	CO	12/08/2009 to 07/08/2010	2120026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	JEFFRIES AV (NW CORNER)	FAIRGREEN AV	CO	CO	12/08/2009 to 07/08/2010	2120027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (NW CORNER)	JEFFIES AV	CO	CO	12/08/2009 to 07/08/2010	2120028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (W CORNER)	W CAMINO REAL	CO	CO	12/08/2009 to 07/08/2010	2120029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (E CORNER)	W CAMINO REAL	CO	CO	12/08/2009 to 07/08/2010	2120030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (NE CORNER)	JEFFIES AV	CO	CO	12/08/2009 to 07/08/2010	2120031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PECK RD (SE CORNER)	BRISBANE ST	CO	CO	12/08/2009 to 07/08/2010	2120032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRISBANE ST (NE CORNER)	PECK RD	CO	CO	12/08/2009 to 07/08/2010	2120033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W CAMINO REAL (SE CORNER)	GRAYDON AV	CO	CO	12/08/2009 to 07/08/2010	2120035	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W CAMINO REAL (NW CORNER)	PECK RD	CO	CO	12/08/2009 to 07/08/2010	2120036	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PECK RD (NW CORNER)	E ALTERN ST	CO	CO	12/08/2009 to 07/08/2010	2120037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PECK RD (W CORNER)	E ALTERN ST	CO	CO	12/08/2009 to 07/08/2010	2120038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PECK RD (W CORNER)	E ALTERN ST	CO	CO	12/08/2009 to 07/08/2010	2120039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PECK RD (E CORNER)	E ALTERN ST	CO	CO	12/08/2009 to 07/08/2010	2120040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PECK RD (E CORNER)	E ALTERN ST	CO	CO	12/08/2009 to 07/08/2010	2120041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PECK RD (NE CORNER)	E ALTERN ST	CO	CO	12/08/2009 to 07/08/2010	2120042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (SW CORNER)	W CAMINO REAL	CO	CO	12/08/2009 to 07/08/2010	2120043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W CAMINO REAL (NW CORNER)	FAIRGREEN AV	CO	CO	12/08/2009 to 07/08/2010	2120044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W CAMINO REAL (NW CORNER)	FAIRGREEN AV	CO	CO	12/08/2009 to 07/08/2010	2120045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (NE CORNER)	FAIRGREEN AV	CO	CO	12/08/2009 to 07/08/2010	2120046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (NE CORNER)	FAIRGREEN AV	CO	CO	12/08/2009 to 07/08/2010	2120047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STANDISH ST (SW CORNER)	FAIRGREEN AV	CO	CO	12/08/2009 to 07/08/2010	2120058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STANDISH ST (NW CORNER)	FAIRGREEN AV	CO	CO	12/08/2009 to 07/08/2010	2120059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (SW CORNER)	ATARA ST	CO	CO	12/08/2009 to 07/08/2010	2120060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (SE CORNER)	ATARA ST	CO	CO	12/08/2009 to 07/08/2010	2120061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (W CORNER)	STANDISH ST	CO	CO	12/08/2009 to 07/08/2010	2120062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRGREEN AV (E CORNER)	STANDISH ST	CO	CO	12/08/2009 to 07/08/2010	2120063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ADUANA DR (S CORNER)	E LONGDEN AV	CO	CO	12/08/2009 to 07/08/2010	2120220	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANDRA AV (W CORNER)	ADUANA DR	CO	CO	12/08/2009 to 07/08/2010	2120221	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MAYFLOWER AV (W CORNER)	ASHMONT AV	CO	CO	12/08/2009 to 07/08/2010	2120241	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W CAMINO REAL (SE CORNER)	GRAYDON AV	CO	CO	12/08/2009 to 07/08/2010	2120289	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEMPSTEAD AV (W CORNER)	DAINES DR	CO	CO	12/08/2009 to 07/08/2010	2121003	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEMPSTEAD AV (E CORNER)	DAINES DR	CO	CO	12/08/2009 to 07/08/2010	2121004	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PAMELA RD (SE CORNER)	WESLEYGROVE AV	CO	CO	12/08/2009 to 07/08/2010	2167052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PAMELA RD (NE CORNER)	WESLEYGROVE AV	CO	CO	12/08/2009 to 07/08/2010	2167053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESLEYGROVE AV (NE CORNER)	E PAMELA RD	CO	CO	12/08/2009 to 07/08/2010	2167054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESLEYGROVE AV (NW CORNER)	E PAMELA RD	CO	CO	12/08/2009 to 07/08/2010	2167055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PAMELA RD (SE CORNER)	FLAGSTONE AV	CO	CO	12/08/2009 to 07/08/2010	2167056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E PAMELA RD (NE CORNER)	FLAGSTONE AV	CO	CO	12/08/2009 to 07/08/2010	2167057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLAGSTONE AV (NE CORNER)	E PAMELA RD	CO	CO	12/08/2009 to 07/08/2010	2167058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLAGSTONE AV (NW CORNER)	E PAMELA RD	CO	CO	12/08/2009 to 07/08/2010	2167059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYDEE ST (SE CORNER)	WESLEYGROVE AV	CO	CO	12/08/2009 to 07/08/2010	2167060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAYDEE ST (NE CORNER)	WESLEYGROVE AV	CO	CO	12/08/2009 to 07/08/2010	2167061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESLEYGROVE AV (NE CORNER)	MAYDEE ST	CO	CO	12/08/2009 to 07/08/2010	2167062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESLEYGROVE AV (E CORNER)	MAYDEE ST	CO	CO	12/08/2009 to 07/08/2010	2167063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESLEYGROVE AV (NW CORNER)	MAYDEE ST	CO	CO	12/08/2009 to 07/08/2010	2167064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESLEYGROVE AV (W CORNER)	MAYDEE ST	CO	CO	12/08/2009 to 07/08/2010	2167065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PAMELA RD (NE CORNER)	CALIFORNIA AV	CO	CO	12/08/2009 to 07/08/2010	2167066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PAMELA RD (SE CORNER)	CALIFORNIA AV	CO	CO	12/08/2009 to 07/08/2010	2167067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA AV (NE CORNER)	PAMELA RD	CO	CO	12/08/2009 to 07/08/2010	2167068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALIFORNIA AV (NW CORNER)	PAMELA RD	CO	CO	12/08/2009 to 07/08/2010	2167069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



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Date: 09/22/2016  
Reporting Year: 2016  
Prepared By: AN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	BRISBANE ST (SE CORNER)	S MYRTLE AV	CO	CO	12/08/2009 to 07/08/2010	2167149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BRISBANE ST (NE CORNER)	S MYRTLE AV	CO	CO	12/08/2009 to 07/08/2010	2167150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MYRTLE AV (NE CORNER)	BRISBANE ST	CO	CO	12/08/2009 to 07/08/2010	2167151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANDRE ST (SE CORNER)	S MYRTLE AV	CO	CO	12/08/2009 to 07/08/2010	2167152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANDRE ST (NE CORNER)	S MYRTLE AV	CO	CO	12/08/2009 to 07/08/2010	2167153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MYRTLE AV (NE CORNER)	ANDRE ST	CO	CO	12/08/2009 to 07/08/2010	2167154	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TOWNE AV (SE CORNER)	E 129TH ST	CO	CO	12/08/2009 to 07/08/2010	1701299	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLOUD AV (N/W CORNER)	COMMUNITY AV	CO	CO	12/08/2009 to 07/08/2010	1741276	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S CENTRAL AV (SE CORNER)	E 121ST ST	CO	CO	12/08/2009 to 07/08/2010	1756370		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OCEAN VIEW BLVD (NW CORNER)	LUANA LN	CO	CO	12/08/2009 to 07/08/2010	1796099		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIR OAKS AVE (NE CORNER)	E CALAVERAS ST	CO	CO	12/08/2009 to 07/08/2010	1907401	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIR OAKS AVE (NE CORNER)	E CALAVERAS ST	CO	CO	12/08/2009 to 07/08/2010	1907402	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRESCENT DR (NE CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1961278	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S TRELANE AVE (NE CORNER)	JEFFRIES AVE	CO	CO	12/08/2009 to 07/08/2010	2120021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GIBSON AV (NW CORNER)	ROSECRANS AV	CO	CO	12/08/2009 to 07/08/2010	1866226	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GERHART AV (NE CORNER)	DEWAR AV	CO	CO	12/08/2009 to 07/08/2010	1914227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ROSE VILLA ST (NW CORNER)	CRAIG AV	CO	CO	12/08/2009 to 07/08/2010	1963030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRAIG AV (NW CORNER)	ROSE VILLA ST	CO	CO	12/08/2009 to 07/08/2010	1963031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERMOSA DR (NE CORNER)	CHARLOTTE AV	CO	CO	12/08/2009 to 07/08/2010	2018088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHARLOTTE AV (NW CORNER)	ELM AV	CO	CO	12/08/2009 to 07/08/2010	2018092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ELM AV (NW CORNER)	CHARLOTTE AV	CO	CO	12/08/2009 to 07/08/2010	2018096	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TYLER AV (SW CORNER)	ROCKFIELD DR	CO	CO	12/08/2009 to 07/08/2010	2121052	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W LOMA ALTA DR (ES CORNER)	OLIVE AVE	CO	CO	12/08/2009 to 07/08/2010	1906267		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE AVE (NE CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1960157	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E LOMA ALTA DR (NE CORNER)	E LOMA ALTA DR	CO	CO	12/08/2009 to 07/08/2010	1960160	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT GROVE AVE (EAST)	CAMETA DR	CO	CO	12/08/2009 to 07/08/2010	2021131	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S MICHILLINDA AVE (NW)	E CALIFORNIA BLVD	CO	CO	12/08/2009 to 07/08/2010	2069250		CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIMMONS AV (NW CORNER)	ALLSTON ST	CO	CO	12/08/2009 to 07/08/2010	1915272	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMMUNITY AVE (ES CORNER)	ABELLA ST	CO	CO	12/08/2009 to 07/08/2010	1741133		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SANTA ROSA AVE (NE CORNER)	E ALTADENA DR	CO	CO	12/08/2009 to 07/08/2010	1906167		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	CLOUD AVE (WEST)	ABELLIETTA AVE	CO	CO	IN SERIES W/ CB ID 1740270	1740381		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	COMMUNITY AV (E)	ABELLIETTA ST	CO	CO	IN SERIES W/ CB ID 1741132	1741131	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	E 62ND ST (EN CORNER)	MAKEE AVE	CO	CO	IN SERIES W/ CB ID 1752154	1752157	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	E 83RD ST (WN CORNER)	MIRAMONTE BLVD	CO	CO	IN SERIES W/ CB ID 1753400	1753472	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	E 83RD ST (EN CORNER)	MIRAMONTE BLVD	CO	CO	IN SERIES W/ CB ID 1753401	1753477	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	E 85TH ST (EN CORNER)	MIRAMONTE BLVD	CO	CO	IN SERIES W/ CB ID 1754006	1754511	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	E 84TH ST (WN CORNER)	MIRAMONTE BLVD	CO	CO	IN SERIES W/ CB ID 1754007	1754510	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	E 84TH ST (EN CORNER)	MIRAMONTE BLVD	CO	CO	IN SERIES W/ CB ID 1754008	1754509	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	E 87TH ST (EN CORNER)	HICKORY ST	CO	CO	IN SERIES W/ CB ID 1754218	1754502	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	E 92ND ST (WN CORNER)	HOOPER AVE	CO	CO	IN SERIES W/ CB ID 1754350	1754503	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	FLORENCITA AVE (W SIDE)	ORANGEDALE AVE	CO	CO	IN SERIES W/ CB ID 1797081	1797082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	N HERBERT CIR (WEST)	N HERBERT AVE	CO	CO	IN SERIES W/ CB ID 1859217	1859221	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	N SYDNEY DR (NW CORNER)	FOLSOM ST	CO	CO	IN SERIES W/ CB ID 1860003	1860312	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	N SYDNEY DR (NE CORNER)	FOLSOM ST	CO	CO	IN SERIES W/ CB ID 1860006	1860305	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	EUGENE ST (SOUTH)	N EASTERN AVE	CO	CO	IN SERIES W/ CB ID 1860094	1860093		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	EUGENE ST (NORTH)	N EASTERN AVE	CO	CO	IN SERIES W/ CB ID 1860094	1860092		LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	PERCY ST (EN CORNER)	S DITMAN AVE	CO	CO	IN SERIES W/ CB ID 1860216	1860309	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	N MARIANNA AVE (NW CORNER)	FOLSOM ST	CO	CO	IN SERIES W/ CB ID 1860303	1860306	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	S ROWAN AVE (NE CORNER)	VERONA ST	CO	CO	IN SERIES W/ CB ID 1861115	1861291	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	OLD N TOLL RD (EAST)	LLIC CANYON LN	CO	CO	IN SERIES W/ CB ID 1905008	1905006	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	OLD N TOLL RD (WEST)	LLIC CANYON LN	CO	CO	IN SERIES W/ CB ID 1905009	1905007	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	DOZIER ST (WN CORNER)	N MEDIK AVE	CO	CO	IN SERIES W/ CB ID 1914051	1914295	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	BRAEBURN RD (SOUTH)	PAGE DR	CO	CO	IN SERIES W/ CB ID 1961045	1961279	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS (see Col. 6)	MERLON AVE (EAST)	E COLORADO BLVD	CO	CO	IN SERIES W/ CB ID 2016408	2016402	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
<b>Notations:</b>										
Form	Insert additional rows, as necessary									
Column 1:	Indicate certified full capture device (FCD) installed									
Column 2:	Name FCD street location and indicate whether: E - East, N - North; NE - North East; NW - North West; S - South; SE - South East; SW - South West; W - West									
Column 3:	Name the nearest cross street location of the FCD; A/E - Alleyway East of; A/N Alleyway North of									
Column 4:	FCD Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others									
Column 5:	FCD Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others									
Column 6:	Provide the date when FCD was installed									
Column 7:	Indicate County or City assigned catch basin (CB) identification (ID) numbers									
Column 8:	Type of CB based on Standard Plan for Public Works Construction from Greenbook Committee, Public Works Standards, Inc. (i.e., 300-2; 301-2; 302-2; 303-2; etc.)									
Column 9:	CB Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others									
Column 10:	CB Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others									
Column 11:	Indicate frequency of FCD maintenance (e.g. inspection & cleanup: 1x/3 mo., 1x/6 mo., 1x Nov., 1x Jan., 1x Aug., etc.)									

**Attachment 8.2**  
**Summary of TMDL-Related Activities**

The table below is a summary of TMDL efforts by the County of Los Angeles (County), generally between July 2015 and June 2016, pursuant to the 2012 MS4 Permit (Appendix E, Part XIX, Sections A-G, or pages E-45 to E-62). Details of the activities related to TMDLs are summarized in the table below.

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
<b>Santa Clara River Watershed Management Area TMDLs</b>		
Santa Clara River Nitrogen Compounds TMDL	N/A	<ul style="list-style-type: none"> <li>• Participated in the Upper Santa Clara River Agencies Group to develop a CIMP and EWMP.</li> <li>• Submitted the revised CIMP to the Regional Board in April 2015, which was conditionally approved in June 2015, and finally approved on June 22, 2015.</li> <li>• Completed non-stormwater outfall screening per the approved CIMP in July 2015.</li> <li>• Submitted the draft EWMP to the Regional Board in June 2015. Submitted the final EWMP to the RB on February 23, 2016. The EWMP was approved on April 7, 2016.</li> </ul>
Upper Santa Clara River Chloride TMDL	N/A	
Santa Clara River Estuary and Reaches 3, 5, 6, and 7 Indicator Bacteria TMDL	N/A	
Lake Elizabeth, Munz Lake, and Lake Hughes Trash TMDL	<ul style="list-style-type: none"> <li>• Continued weekly street sweeping in the vicinity of Lake Elizabeth during this reporting period.</li> <li>• Completed the installation of Connector Pipe Screens (CPS) in all six catch basins in the Lake Elizabeth area. See Exhibit 1 of Attachment 8.1 for details.</li> </ul>	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Statewide Trash Amendments	<ul style="list-style-type: none"> <li>Installation of CPS in commercial and industrial areas is complete. Installation of CPS in other high trash generation areas is underway. See Exhibit A of this attachment for details.</li> </ul>	
<b>Santa Monica Bay Watershed Management Area TMDLs</b>		
Santa Monica Bay Beaches Bacteria TMDL	<ul style="list-style-type: none"> <li>For Jurisdictional Groups 2 &amp; 3, partnered with other agencies to prepare the Coordinated Integrated Monitoring Program (CIMP), which was approved on July 10, 2015.</li> <li>The City of Los Angeles submitted the Coordinated Monitoring Plan (CMP)/CIMP results for the reporting period of June 1, 2015, through May 30, 2016, on behalf of the Permittees including the County on December 15, 2016.</li> </ul>	<ul style="list-style-type: none"> <li>Participated in various Watershed Groups to develop CIMPs and EWMPs.</li> <li>Submitted the revised CIMPs to the Regional Board in May, June, and July 2015. All the CIMPs have been approved.</li> <li>Submitted the draft EWMPs to the Regional Board in June 2015 and were approved in April 2016.</li> </ul>
Santa Monica Bay TMDL for DDTs and PCBs	<ul style="list-style-type: none"> <li>Monitoring for this TMDL will be initiated through the CIMPs.</li> </ul>	<ul style="list-style-type: none"> <li>For the Santa Monica Bay J2/J3 Group, the major outfall (2-1) serving the County area is served by a Low Flow Diversion.</li> </ul>
Santa Monica Bay Nearshore and Offshore Debris TMDL	<ul style="list-style-type: none"> <li>Completed the installation of 188 CPS through the Phase 8 Trash TMDL Full Compliance Catch Basin Retrofit Project in June 2015. See Exhibit 2 of Attachment 8.1 for details.</li> <li>The County's Trash Monitoring Reporting Plan (submitted December 2012) and the Plastic Pellets Monitoring Reporting Plan (submitted September 2013) were approved in July 2015. See Exhibit B of this attachment for details</li> </ul>	<ul style="list-style-type: none"> <li>Completed non-stormwater outfall screening.</li> <li>Pursuing Prop 1 grant funding for the Viewridge Super Green Street project.</li> </ul>

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Malibu Creek and Lagoon Bacteria TMDL	<ul style="list-style-type: none"> <li>• Partnered with other Malibu Creek Watershed Permittees to conduct monitoring for this TMDL per existing CMP, which has been ongoing since 2008.</li> <li>• The City of Agoura Hills submits the CMP results monthly to the Regional Board, on behalf of the Permittees.</li> </ul>	<ul style="list-style-type: none"> <li>• Participated in the Malibu Creek Watershed Group and the North Santa Monica Bay Watershed (J1/J4) Group to develop CIMPs and EWMPs.</li> <li>• Submitted the draft CIMPs to the Regional Board in June 2014.</li> <li>• The North Santa Monica Bay Watershed CIMP was conditionally approved in August 2015 and finally approved on November 13, 2015. The Malibu Creek Watershed revised CIMP was approved on May 26, 2016.</li> <li>• Completed non-stormwater outfall screening in May 2015 per the Malibu Creek Watershed CIMP and in November 2015 per the North Santa Monica Bay Watershed CIMP.</li> <li>• Submitted the draft EWMPs to the Regional Board in June 2015. Received final approval of the North Santa Monica Bay EWMP (J1&amp;J4) on April 19, 2016, and final approval of the Malibu Creek Watershed EWMP on April 27, 2016.</li> <li>• Pursuing Prop 1 grant funding for the Gates Canyon Park EWMP project.</li> </ul>
Malibu Creek Nutrient TMDL	N/A	
Malibu Creek Watershed Trash TMDL	<ul style="list-style-type: none"> <li>• Completed the installation of 29 CPS through the Phase 8 Trash TMDL Catch Basin Retrofit Project in June 2015. See Exhibit 3 of Attachment 8.1 for details.</li> <li>• Monitoring under the TMRP commenced on December 4, 2014. The City of Agoura Hills will submit the monitoring results for the reporting period of July 1, 2015, through June 30, 2016, on behalf of the Permittees by December 15, 2016.</li> </ul>	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Ballona Creek, Ballona Estuary and Sepulveda Channel Bacteria TMDL	<ul style="list-style-type: none"> <li>Partnered with other Ballona Creek Watershed Permittees to prepare the CIMP, which was approved in August 2015.</li> <li>The City of Los Angeles submits the CIMP/CMP results monthly to the Regional Board on behalf of the Permittees.</li> <li>In May 2015, a Time Schedule Order (TSO) was approved for the Permittees, including the County. As part of the TSO, the Permittees, including the County, are collaborating on the construction of three major low flow diversions in the Ballona Creek watershed.</li> </ul>	<ul style="list-style-type: none"> <li>Participated in the Ballona Creek Watershed Group to develop a CIMP and EWMP to address these TMDLs.</li> <li>Submitted the revised CIMP to the Regional Board in July 2015, which was conditionally approved in August 2015.</li> <li>Completed the non-stormwater outfall screening events and completed source investigation of two major outfalls.</li> <li>Submitted the draft EWMP in June 2015, which was approved in April 2016.</li> <li>Pursuing Prop 1 grant funding for the Ladera Park EWMP project.</li> </ul>
Ballona Creek Estuary Toxic Pollutants TMDL	<ul style="list-style-type: none"> <li>Partnered with other Ballona Creek Watershed Permittees to conduct monitoring for these TMDLs per the existing CMP and CIMP.</li> <li>The City of Los Angeles will submit the CMP/CIMP results for the reporting period of July 1, 2014, through June 30, 2015, on behalf of the Permittees by December 15, 2015.</li> </ul>	
Ballona Creek Metals TMDL		
Ballona Creek Trash TMDL	<ul style="list-style-type: none"> <li>See Exhibit 4 of Attachment 8.1 for the Ballona Creek Trash TMDL Status Report.</li> </ul>	



TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
<p>Marina del Rey Harbor Toxic Pollutants TMDL</p>	<ul style="list-style-type: none"> <li>• Partnered with other Marina del Rey Watershed Permittees to conduct monitoring for this TMDL per the existing CMP, which has been on-going since 2006.</li> <li>• Exhibit C of this attachment provides the CMP results for the reporting period of July 1, 2014, through June 30, 2015, and is being submitted on behalf of all the Permittees.</li> <li>• In partnership with other Marina del Rey Watershed permittees, initiated a sediment stressor identification study. The study has been completed and will be submitted to the Regional Board in December 2016.</li> </ul>	<ul style="list-style-type: none"> <li>• Participated with the Marina del Rey Watershed Group to develop a CIMP and EWMP to continue to address these TMDLs.</li> <li>• Submitted the draft CIMP to the Regional Board in June 2014 and was approved in April 2016.</li> <li>• Submitted the draft EWMP to the Regional Board in June 2015, which was approved in April 2016.</li> <li>• All the three major outfalls in the Marina del Rey watershed are submerged, making screening for significant non-stormwater discharge very difficult. As indicated in the approved CIMP, the agencies will instead observe the catch basins to determine if there are significant non-stormwater inputs. The screening will commence in August 2016 and be completed by the end of the year.</li> <li>• Completed the Oxford Basin Project, which may increase dissolved oxygen levels with the construction of a circulation berm. The Parking Lot 9 project also started construction in July 2016. More details are provided in the Bacteria TSO Annual Report.</li> <li>• Effectiveness monitoring for the Parking Lot 5 &amp; 7 Project was completed for years 1 and 2. See Exhibit D of this attachment for details.</li> </ul>
<p>Marina del Rey Mothers' Beach and Back Basins Bacteria TMDL</p>	<ul style="list-style-type: none"> <li>• Partnered with other Marina del Rey Watershed Permittees to conduct monitoring for this TMDL per the existing CMP, which has been on-going since 2007.</li> <li>• The City of Los Angeles submits the CMP results monthly to the Regional Board on behalf of the Permittees.</li> <li>• In July 2014, a Time Schedule Order (TSO) was approved for the permittees, including the County. The County submitted a separate annual report for the TSO related activities on December 15, 2015.</li> </ul>	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
<b>Dominguez Channel and Greater Harbor Waters WMA</b>		
Machado Lake Trash TMDL	<ul style="list-style-type: none"> <li>All drainage areas within the unincorporated County are covered by full capture trash structures.</li> <li>Installation of remaining CPS was completed by the Phase 9 Trash TMDL Catch Basin Retrofit Project during this reporting period. See Exhibit 5 of Attachment 8.1 for details.</li> </ul>	<ul style="list-style-type: none"> <li>Participated in the Peninsula Group and the Dominguez Channel Watershed Management Area Group to develop CIMPs and EWMPs.</li> <li>Submitted the Dominguez Channel WMA revised CIMP to the Regional Board in December 2015, which was approved in June 2016.</li> </ul>
Machado Lake Nutrient TMDL	<ul style="list-style-type: none"> <li>Partnered with the Peninsula Agencies and the Dominguez Channel WMA Group to conduct monitoring for this TMDL.</li> <li>In April 2016, distributed "Tips For Horse Owners" flyer to all horse owners in the unincorporated County areas within the Machado Lake watershed.</li> </ul>	<ul style="list-style-type: none"> <li>Submitted the Dominguez Channel WMA revised EWMP to the Regional Board in February 2016, which was approved in April 2016.</li> <li>Submitted the Peninsula Agencies revised CIMP in February 2016, which was approved in February 2016.</li> </ul>
Machado Lake Pesticides and PCBs TMDL	<ul style="list-style-type: none"> <li>Partnered with the Peninsula Agencies to conduct monitoring for this TMDL.</li> </ul>	<ul style="list-style-type: none"> <li>Submitted the Peninsula Agencies revised EWMP to the Regional Board in April 2016, which was approved in April 2016.</li> </ul>
Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters Toxic Pollutants TMDL	<ul style="list-style-type: none"> <li>Partnered with the Greater Harbor Waters Regional Monitoring Coalition, the Peninsula Agencies and the Dominguez Channel WMA group to conduct monitoring for this TMDL.</li> <li>The annual monitoring report for the Greater Harbor Waters Regional Monitoring Coalition was submitted by the City of Long Beach on behalf of all participating agencies, including the County, before December 15, 2016.</li> <li>Leading a coordinated effort of seven agencies to prepare a Contaminated Sediment Management Plan (CSMP) for the Dominguez Channel Estuary. The revised plan was submitted to the Regional Board in June 2016.</li> </ul>	<ul style="list-style-type: none"> <li>Along with other partner cities, continued to implement non-stormwater outfall screening.</li> <li>Evaluated the incorporation of regenerative street sweepers into its street cleaning program.</li> <li>Applied for a Prop 1 grant for a stormwater project at the South Coast Botanical Gardens. However, the project was not awarded grant funding.</li> <li>Began evaluating the feasibility of a stormwater capture project at Chester</li> </ul>

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Los Angeles Harbor Bacteria TMDL	<ul style="list-style-type: none"> <li>Conducted monitoring for this TMDL per the Dominguez Channel WMA CIMP.</li> </ul>	Washington Golf Course and at Alondra Park.
Statewide Trash Amendments	<ul style="list-style-type: none"> <li>Installation of CPS in high trash generation areas is underway. See Exhibit E of this attachment for listing of the completed catch basins.</li> </ul>	
<b>Los Angeles River WMA TMDLs</b>		
Los Angeles River Trash TMDL	<ul style="list-style-type: none"> <li>See Exhibit 6 of Attachment 8.1 for the Los Angeles River Trash TMDL Compliance Report.</li> </ul>	
Los Angeles River Nitrogen Compounds and Related Effects TMDL	N/A	<ul style="list-style-type: none"> <li>Participated in the Upper Los Angeles River Watershed Group, Rio Hondo/San Gabriel River Water Quality Group, Los Angeles River Upper Reach 2 Sub-Watershed Group, and the Lower Los Angeles River Watershed Group to develop CIMPs and WMPs/EWMPs to address these TMDLs.</li> <li>Submitted these CIMPs to the Regional Board in June 2014 and all were revised and approved by February 2016.</li> <li>The County, along with other partner cities, completed the non-stormwater outfall screening and prioritization of significant outfalls for Segment B of the LA River, Rio Hondo Channel, and Arroyo Seco.</li> <li>The County, along with other partner cities, initiated non-stormwater outfall screening for Segment E of the LA River and Compton Creek.</li> <li>Submitted the WMPs/EWMPs to the Regional Board in June 2015 and all were</li> </ul>
Los Angeles River and Tributaries Metals TMDL	<ul style="list-style-type: none"> <li>Partnered with other Los Angeles River Watershed Permittees to conduct monitoring for this TMDL per the existing CMP and CIMP. The City of Los Angeles and the City of Arcadia will submit the CMP/CIMP results for the reporting period of July 1, 2015, through June 30, 2016, on behalf of the Permittees.</li> <li>Partnered with the Permittees to complete site-specific-objective studies for copper and lead in LA River Watershed. The study reports were submitted to the Regional Board in 2014, which subsequently resulted in the revision of the TMDL by the Regional Board in April 2015.</li> </ul>	
Los Angeles River Watershed Bacteria TMDL	<ul style="list-style-type: none"> <li>Partnered with other Permittees to prepare a load reduction strategy (LRS) for Arroyo Seco and Rio Hondo Channel. The LRSs were submitted to the Regional Board in March 2016.</li> <li>Partnered with other Permittees to conduct dry</li> </ul>	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
	weather monitoring in order to prepare a Load Reduction Strategy for Segment A of the LA River.	revised and approved by April 2016.
Los Angeles Area Lakes TMDLs (Legg Lake and Peck Road Park Lake)	<ul style="list-style-type: none"> <li>Partnered with other Permittees to conduct monitoring at Legg Lake for this TMDL per the CIMP.</li> </ul>	<ul style="list-style-type: none"> <li>Pursuing two Prop 1 grant funding for East LA Sustainable Median Stormwater Capture Project. The total requested grant amount for both grants is \$4,000,000.</li> </ul>
Legg Lake Trash TMDL	<ul style="list-style-type: none"> <li>The County of Los Angeles Department of Parks and Recreation has been implementing the Minimum Frequency Assessment and Collection Program (MFAC) at Legg Lake since 2009.</li> <li>The MFAC annual report was submitted to the Regional Board in March 2016.</li> </ul>	<ul style="list-style-type: none"> <li>A Project Concept Report to construct a stormwater capture project at Roosevelt Park is being finalized. The County was awarded \$2,050,000 from Proposition 84 Integrated Regional Water Management Grant in December 2015.</li> <li>A \$900,000 grant from Proposition 84 Integrated Regional Water Management Grant in December 2015 was awarded to the County's project partner, the River Project for the Water LA Neighborhood Retrofits Project.</li> </ul>
<b>San Gabriel River WMA TMDLs</b>		
San Gabriel River Metals and Impaired Tributaries Metals and Selenium TMDL	<ul style="list-style-type: none"> <li>Partnered with other Permittees to conduct monitoring for this TMDL per the CIMP.</li> </ul>	<ul style="list-style-type: none"> <li>Participated in the Upper San Gabriel River Watershed Group and the Rio Hondo/San Gabriel River Group to develop CIMPs and EWMPs.</li> </ul>
San Gabriel River Bacteria TMDL	<ul style="list-style-type: none"> <li>Partnered with other Permittees to conduct monitoring for this TMDL per the CIMP.</li> </ul>	<ul style="list-style-type: none"> <li>The CIMP for the Upper San Gabriel River EWMP Group was approved in November 2015, and the CIMP for the Rio Hondo/San Gabriel River Group was approved in June 2015.</li> </ul>
Los Angeles Area Lakes TMDLs (Puddingstone Reservoir)	<ul style="list-style-type: none"> <li>Partnered with other Permittees to conduct monitoring at Puddingstone Lake for this TMDL per the CIMP.</li> </ul>	<ul style="list-style-type: none"> <li>Along with other partner cities, non-stormwater outfall screening was completed, and source identification of significant non-stormwater outfalls commenced.</li> </ul>

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
		<ul style="list-style-type: none"> <li>• The EWMPs for the Upper San Gabriel River Group and Rio Hondo/San Gabriel River Group were approved in April 2016.</li> <li>• Completed the Avocado Heights Multi-use Trail Project in September 2014. This project, located in the unincorporated area of Avocado Heights, was one of the early action projects during the development of EWMPs.</li> <li>• Collaborating with Upper San Gabriel River Watershed Group to develop thirty-percent engineering designs for stormwater capture projects at Kahler Russell Park, San Angelo Park, and Allen J. Martin Park,. The feasibility study was completed as part of the EWMP.</li> <li>• Collaborating with La Puente, West Covina, and Bassett Unified School District on investigating a stormwater capture project at Bassett High School. Preliminary geotechnical investigation was completed in July 2016.</li> <li>• Began developing a Project Design Concept for Norwalk Bl et al, a green street project.</li> <li>• Applied for Prop 1 RMC grant for Washington Blvd Green Street Project, however, the project was not awarded grant funding.</li> </ul>
Statewide Trash Amendments	<ul style="list-style-type: none"> <li>• Installation of CPS in high trash generation areas is underway. See Exhibit F of this attachment for listing of the completed catch basins.</li> </ul>	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
<b>Los Cerritos Channel WMA TMDLs</b>		
Los Cerritos Channel Metals TMDL	<ul style="list-style-type: none"> <li>• Participated in the Alamitos Bay/Los Cerritos Channel Group to develop a CIMP and a WMP to address this TMDL. The revised CIMP was submitted to the Regional Board in July 2015, and was conditionally approved in August 2015.</li> <li>• Submitted the revised WMP to the Regional Board in May 2015, which was approved on August 11, 2015.</li> <li>• Completed non-stormwater outfall screening in June 2015 per the approved CIMP.</li> <li>• Partnered with the Los Cerritos Channel Watershed Management Group to implement monitoring downstream of unincorporated County area.</li> </ul>	
Statewide Trash Amendments	<ul style="list-style-type: none"> <li>• Installation of CPS in high trash generation areas is completed. See Exhibit G of this attachment for listing of the completed catch basins.</li> </ul>	

**ATTACHMENT 8.2 - EXHIBIT A**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Santa Clara River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	SAN MARTINEZ RD (NW CORNER)	NEURASCHEL ST	CO	CO	02/02/2015 to 06/01/2015	1177012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN MARTINEZ RD (NW CORNER)	CONCORSE DR	CO	CO	02/02/2015 to 06/01/2015	1177015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN MARTINEZ RD (NW CORNER)	VAL VERDE RD	CO	CO	02/02/2015 to 06/01/2015	1177020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (SE CORNER)	GILBRATAR LN	CO	CO	02/02/2015 to 06/01/2015	1177021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (NE CORNER)	GILBRATAR LN	CO	CO	02/02/2015 to 06/01/2015	1177022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (NE CORNER)	GILBRALTAR LN	CO	CO	02/02/2015 to 06/01/2015	1177023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (SE CORNER)	GILBRALTAR LN	CO	CO	02/02/2015 to 06/01/2015	1177024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (SE CORNER)	GILBRALTAR LN	CO	CO	02/02/2015 to 06/01/2015	1177025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (NW CORNER)	GILBRALTAR LN	CO	CO	02/02/2015 to 06/01/2015	1177026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GILBRALTAR LN (NW CORNER)	INDUSTRIAL DR	CO	CO	02/02/2015 to 06/01/2015	1177027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GILBRALTAR LN (NE CORNER)	INDUSTRIAL DR	CO	CO	02/02/2015 to 06/01/2015	1177028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (SW CORNER)	LAKE HUGHES RD	CO	CO	02/02/2015 to 06/01/2015	1214017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (SW CORNER)	LAKE HUGHES RD	CO	CO	02/02/2015 to 06/01/2015	1214018	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (SE CORNER)	LAKE HUGHES RD	CO	CO	02/02/2015 to 06/01/2015	1214019	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RIDGE ROUTE RD (SW CORNER)	CASTAIC RD	CO	CO	02/02/2015 to 06/01/2015	1214022	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31537 CASTAIC RD (SW CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214023	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE HUGHES RD (SW CORNER)	RIDGE ROUTE RD	CO	CO	02/02/2015 to 06/01/2015	1214029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASTAIC RD (NE CORNER)	LAKE HUGHES RD	CO	CO	02/02/2015 to 06/01/2015	1214046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASTAIC RD (NW2 CORNER)	LAKE HUGHES RD	CO	CO	02/02/2015 to 06/01/2015	1214047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASTAIC RD (NW1 CORNER)	LAKE HUGHES RD	CO	CO	02/02/2015 to 06/01/2015	1214048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE HUGES (NW CORNER)	CASTAIC RD	CO	CO	02/02/2015 to 06/01/2015	1214049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE HUGES (W-MED CORNER)	CASTAIC RD	CO	CO	02/02/2015 to 06/01/2015	1214050	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAKE HUGES (SW CORNER)	CASTAIC RD	CO	CO	02/02/2015 to 06/01/2015	1214051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	SLOAN CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1214055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NE CORNER)	ROMEO CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1214076	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NE CORNER)	ROMEO CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1214077	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NE CORNER)	ROMEO CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1214078	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NE CORNER)	TAPIA CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1214079	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	ROMEO CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1214080	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	ROMEO CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1214081	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	TAPIA CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1214082	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	TAPIA CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1214088	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RIDGE ROUTE RD (NW CORNER)	CASTAIC RD	CO	CO	02/02/2015 to 06/01/2015	1214089	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31724 CASTAIC RD (NE CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31731 CASTAIC RD (W CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31675 CASTAIC RD (SW CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31649 CASTAIC RD (SW CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31642 CASTAIC RD (SE CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214129	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31611 CASTAIC RD (SW CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31557 CASTAIC RD (SW CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214131	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31558 CASTAIC RD (SE CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31563 CASTAIC RD (SW CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214133	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	31539 CASTAIC RD (SW CORNER)	FANTASTIC LN	CO	CO	02/02/2015 to 06/01/2015	1214134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASTAIC RD (NW CORNER)	RIDGE ROUTE RD	CO	CO	02/02/2015 to 06/01/2015	1214137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (NE CORNER)	VILLA CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1215016	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (NE CORNER)	VILLA CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1215017	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (NE CORNER)	VILLA CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1215018	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (NE CORNER)	VILLA CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1215019	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (NE CORNER)	VILLA CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1215020	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (NE CORNER)	VILLA CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1215094	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	TAPIA CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1215095	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (SW CORNER)	WEDGE WOOD CT	CO	CO	02/02/2015 to 06/01/2015	1215096	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HASLEY CANYON RD (NW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1215143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SEDONA WY (SW CORNER)	THE OLD ROAD	CO	CO	02/02/2015 to 06/01/2015	1215144	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (E CORNER)	LIVE OAK RD	CO	CO	02/02/2015 to 06/01/2015	1216001	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit

Certified Full Capture Systems Database  
Santa Clara River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	THE OLD RD (W CORNER)	LIVE OAK RD	CO	CO	02/02/2015 to 06/01/2015	1216004	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (NW CORNER)	LIFE OAK RD	CO	CO	02/02/2015 to 06/01/2015	1216005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	HASLEY CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1216006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	TURNBERRY LN	CO	CO	02/02/2015 to 06/01/2015	1216055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (E CORNER)	TURNBERRY LN	CO	CO	02/02/2015 to 06/01/2015	1216056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	TURNBERRY LN	CO	CO	02/02/2015 to 06/01/2015	1216057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	TURNBERRY LN	CO	CO	02/02/2015 to 06/01/2015	1216059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TURNBERRY LN (SW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1216060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HANCOCK PKWY (W CORNER)	TURNBERRY LN	CO	CO	02/02/2015 to 06/01/2015	1216061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HANCOCK PKWY (NE CORNER)	TURNBERRY LN	CO	CO	02/02/2015 to 06/01/2015	1216062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HANCOCK PKWY (SE CORNER)	TURNBERRY LN	CO	CO	02/02/2015 to 06/01/2015	1216063	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TURNBERRY LN (ES CORNER)	HANCOCK PKWY	CO	CO	02/02/2015 to 06/01/2015	1216064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TURNBERRY LN (NE CORNER)	HANCOCK PKWY	CO	CO	02/02/2015 to 06/01/2015	1216065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TURNBERRY LN (NW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1216066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (E CORNER)	MURFIELD LN	CO	CO	02/02/2015 to 06/01/2015	1216067	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MURFIELD LN (NW CORNER)	THE OLD ROAD	CO	CO	02/02/2015 to 06/01/2015	1216068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD ROAD (NW CORNER)	MURFIELD LN	CO	CO	02/02/2015 to 06/01/2015	1216069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MURFIELD LN (SW CORNER)	THE OLD ROAD	CO	CO	02/02/2015 to 06/01/2015	1216070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MURFIELD LN (NE CORNER)	HANCOCK PKWY	CO	CO	02/02/2015 to 06/01/2015	1216071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MURFIELD LN (SE CORNER)	HANCOCK PKWY	CO	CO	02/02/2015 to 06/01/2015	1216072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HANCOCK PKWY (NE CORNER)	MURFIELD LN	CO	CO	02/02/2015 to 06/01/2015	1216073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HANCOCK PKWY (W CORNER)	MURFIELD LN	CO	CO	02/02/2015 to 06/01/2015	1216074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	TURNBERRY LN	CO	CO	02/02/2015 to 06/01/2015	1216075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HASLEY CANYON RD (SW CORNER)	GILBRALTAR LN	CO	CO	02/02/2015 to 06/01/2015	1216116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HASLEY CANYON RD (SW CORNER)	COMMERCE CENTER DR	CO	CO	02/02/2015 to 06/01/2015	1216117	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMMERCE CENTER DR (NW CORNER)	INDUSTRIAL DR	CO	CO	02/02/2015 to 06/01/2015	1216121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMMERCE CENTER DR (NE CORNER)	INDUSTRIAL DR	CO	CO	02/02/2015 to 06/01/2015	1216122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (NW CORNER)	COMMERCE CENTER DR	CO	CO	02/02/2015 to 06/01/2015	1216123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (SW CORNER)	COMMERCE CENTER DR	CO	CO	02/02/2015 to 06/01/2015	1216124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (SW CORNER)	COMMERCE CENTER DR	CO	CO	02/02/2015 to 06/01/2015	1216125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (NW CORNER)	COMMERCE CENTER DR	CO	CO	02/02/2015 to 06/01/2015	1216126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (SW CORNER)	COMMERCE CENTER DR	CO	CO	02/02/2015 to 06/01/2015	1216127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (SW CORNER)	COMMERCE CENTER DR	CO	CO	02/02/2015 to 06/01/2015	1216128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (NW CORNER)	COMMERCE CENTER DR	CO	CO	02/02/2015 to 06/01/2015	1216129	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (NW CORNER)	COMMERCE CENTER DR	CO	CO	02/02/2015 to 06/01/2015	1216130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMMERCE CENTER DR (SW CORNER)	INDUSTRIAL DR	CO	CO	02/02/2015 to 06/01/2015	1216131	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COMMERCE CENTER DR (SE CORNER)	INDUSTRIAL DR	CO	CO	02/02/2015 to 06/01/2015	1216132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INDUSTRIAL DR (E CORNER)	COMMERCE CENTER DR	CO	CO	02/02/2015 to 06/01/2015	1216134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	29435 THE OLD RD (SW CORNER)	LIVE OAK RD	CO	CO	02/02/2015 to 06/01/2015	1216135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NE CORNER)	TURNBERRY LN	CO	CO	02/02/2015 to 06/01/2015	1216136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HASLEY CANYON RD (NW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1216144	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COPPER HILL DR (S MED CORNER)	CAMINO EL ARTE DR	CO	CO	02/02/2015 to 06/01/2015	1255046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COPPER HILL DR (SW CORNER)	CAMINO EL ARTE DR	CO	CO	02/02/2015 to 06/01/2015	1255047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COPPER HILL DR (NW CORNER)	CAMINO EL ARTE DR	CO	CO	02/02/2015 to 06/01/2015	1255048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COPPER HILL DR (NW-MED CORNER)	CAMINO EL ARTE DR	CO	CO	02/02/2015 to 06/01/2015	1255049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COPPER HILL DR (NW CORNER)	CAMINO EL ARTE DR	CO	CO	02/02/2015 to 06/01/2015	1255053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	LOS ARQUEROS DR	CO	CO	02/02/2015 to 06/01/2015	1256059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FEEDMILL RD (SE CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1256069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FEEDMILL RD (NE CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1256070	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	RYE CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1256073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	RYE CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1256074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ENTERTAINMENT DR (NW CORNER)	SKYVIEW LN	CO	CO	02/02/2015 to 06/01/2015	1256096	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ENTERTAINMENT DR (SE CORNER)	SKY VIEW LN	CO	CO	02/02/2015 to 06/01/2015	1256097	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ENTERTAINMENT DR (SW CORNER)	SKY VIEW LN	CO	CO	02/02/2015 to 06/01/2015	1256098	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ENTERTAINMENT DR (SE CORNER)	ALLEY VIEW LN	CO	CO	02/02/2015 to 06/01/2015	1256099	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



**ATTACHMENT 8.2 - EXHIBIT A**

Part VI.E.5.c.i -  
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L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
Santa Clara River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	MEDA CENTER LN (SE CORNER)	ENTERTAINMENT DR	CO	CO	02/02/2015 to 06/01/2015	1256100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEDA CENTER LN (SW CORNER)	ENTERTAINMENT DR	CO	CO	02/02/2015 to 06/01/2015	1256101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLEY VIEW LN (NE CORNER)	ENTERTAINMENT DR	CO	CO	02/02/2015 to 06/01/2015	1256106	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALLEY VIEW LN (SE CORNER)	ENTERTAINMENT DR	CO	CO	02/02/2015 to 06/01/2015	1256107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	MAGIC MOUNTAIN PKWY	CO	CO	02/02/2015 to 06/01/2015	1256120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	MAGIC MOUNTAIN PKWY	CO	CO	02/02/2015 to 06/01/2015	1256127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	MAGIC MOUNTAIN PKWY	CO	CO	02/02/2015 to 06/01/2015	1256130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	MAGIC MOUNTAIN PKWY	CO	CO	02/02/2015 to 06/01/2015	1256133	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAGIC MOUNTAIN PKWY (SW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1256135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAGIC MOUNTAIN PKWY (NW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1256136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	VALENCIA BLVD	CO	CO	02/02/2015 to 06/01/2015	1257036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	VALENCIA BLVD	CO	CO	02/02/2015 to 06/01/2015	1257037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	VALENCIA BLVD	CO	CO	02/02/2015 to 06/01/2015	1257038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (S-MED CORNER)	VALENCIA BLVD	CO	CO	02/02/2015 to 06/01/2015	1257039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	VALENCIA BLVD	CO	CO	02/02/2015 to 06/01/2015	1257040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD (SE CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1257041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD (NE-ISLAND CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1257042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD (NE-ISLAND CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1257043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD (NE CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1257044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	SILVER ASPEN WY	CO	CO	02/02/2015 to 06/01/2015	1257046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NE CORNER)	WILVER ASPEN WY	CO	CO	02/02/2015 to 06/01/2015	1257050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	LOS ARQUEROS DR	CO	CO	02/02/2015 to 06/01/2015	1257056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	LOS ARQUEROS DR	CO	CO	02/02/2015 to 06/01/2015	1257058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD (NW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1257093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD (SW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1257094	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD (W-MED CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1257095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD (NE CORNER)	WESTRIDGE PKWY	CO	CO	02/02/2015 to 06/01/2015	1257104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESTRIDGE PKWY (SE CORNER)	VALENCIA BLVD	CO	CO	02/02/2015 to 06/01/2015	1257106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD (SE CORNER)	WESTRIDGE PKWY	CO	CO	02/02/2015 to 06/01/2015	1257107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD (SW CORNER)	HERITAGE VIEW LN	CO	CO	02/02/2015 to 06/01/2015	1257108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERITAGE VIEW LN (SW CORNER)	VALENCIA BLVD	CO	CO	02/02/2015 to 06/01/2015	1257109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HERITAGE VIEW (SE CORNER)	VIA VENTANA	CO	CO	02/02/2015 to 06/01/2015	1257195	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TWIN OAK PL (NW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1257307	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TWIN OAK PL (SW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1257308	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257309	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257310	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW-MED CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257311	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE-MED CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257312	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257313	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257314	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257315	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE-MED CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257316	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW-MED CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257317	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257318	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257319	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257320	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE-MED CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257321	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	TWIN OAK PL	CO	CO	02/02/2015 to 06/01/2015	1257322	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEMINGWAY AV (SW CORNER)	STEVENSON RANCH PKWY	CO	CO	02/02/2015 to 06/01/2015	1258005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STEVENSON RANCH PKWY (SW CORNER)	HEMINGWAY AV	CO	CO	02/02/2015 to 06/01/2015	1258006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NE CORNER)	STEINBECK AV	CO	CO	02/02/2015 to 06/01/2015	1258036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	STEVENSON RANCH PKWY	CO	CO	02/02/2015 to 06/01/2015	1258038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	STEVENSON RANCH PKWY	CO	CO	02/02/2015 to 06/01/2015	1258039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STEVENSON RANCH PKWY (SW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1258040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1258041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

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Certified Full Capture Systems Database  
Santa Clara River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	STEVENSON RANCH PKWY (SE CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1258045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONSTITUTION AV (SW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1258359	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	CONSTITUTION AVE	CO	CO	02/02/2015 to 06/01/2015	1258360	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	CONSTITUTION AVE	CO	CO	02/02/2015 to 06/01/2015	1258361	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	PICO CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1258362	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NE CORNER)	PICO CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1258363	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD (SW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1258376	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SE CORNER)	PICO CANYON RD	CO	CO	02/02/2015 to 06/01/2015	1258377	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CHIQUELLA LN (NW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1258383	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAGECREST CIR (SE CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1258385	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NE CORNER)	CONSTITUTION AV	CO	CO	02/02/2015 to 06/01/2015	1258426	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	CONSTITUTION AV	CO	CO	02/02/2015 to 06/01/2015	1258430	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONSTITUTION AVE (NW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1258523	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD (SE CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1258525	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD (NE CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1258532	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N/A (E CORNER)	HAZELCREST LN	CO	CO	02/02/2015 to 06/01/2015	1259054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COPPER MILL DR (SW CORNER)	RIO NORTE DR	CO	CO	02/02/2015 to 06/01/2015	1293275	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COPPER MILL DR (SW CORNER)	AVENIDA RANCHO TESORO	CO	CO	02/02/2015 to 06/01/2015	1293281	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	(SW CORNER)	AVENIDA RANCHO TESORO	CO	CO	02/02/2015 to 06/01/2015	1293283	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VISTA DEL RIO DR (NW CORNER)	RIO NORTE DR	CO	CO	02/02/2015 to 06/01/2015	1293291	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NE CORNER)	CHIQUELLA LN	CO	CO	02/02/2015 to 06/01/2015	1297303	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	SAGECREST CIR	CO	CO	02/02/2015 to 06/01/2015	1298080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (SW CORNER)	SAGECREST CIR	CO	CO	02/02/2015 to 06/01/2015	1298083	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAGECREST CIR (SW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1298084	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAGECREST CIR (NW CORNER)	THE OLD RD	CO	CO	02/02/2015 to 06/01/2015	1298085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD (NW CORNER)	SAGECREST CIR	CO	CO	02/02/2015 to 06/01/2015	1298086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PLUM CANYON RD (NE CORNER)	LA MADRID DR	CO	CO	02/02/2015 to 06/01/2015	1373206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PLUM CANYON RD (S CORNER)	LA MADRID DR	CO	CO	02/02/2015 to 06/01/2015	1373207	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PLUM CANYON RD (W CORNER)	LA MADRID DR	CO	CO	02/02/2015 to 06/01/2015	1373208	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PLUM CANYON RD (N CORNER)	HELLER CIR	CO	CO	02/02/2015 to 06/01/2015	1373209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PLUM CANYON RD (NE CORNER)	HELLER CIR	CO	CO	02/02/2015 to 06/01/2015	1373212	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PLUM CANYON RD (NW CORNER)	HELLER CIR	CO	CO	02/02/2015 to 06/01/2015	1373213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PLUM CANYON RD (N CORNER)	HELLER CIR	CO	CO	02/02/2015 to 06/01/2015	1373228	0	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAND CANYON RD (NE CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1459014	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RYAN LN (SE CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1459022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA HWY (NE CORNER)	RYAN LN	CO	CO	02/02/2015 to 06/01/2015	1459024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA HWY (NE CORNER)	RYAN LN	CO	CO	02/02/2015 to 06/01/2015	1459043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	3748 SIERRA HWY (SE CORNER)	CROWN VALLEY RD	CO	CO	02/02/2015 to 06/01/2015	1838004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROWN VALLEY RD (NW CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1838005	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROWN VALLEY RD (NW CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1838007	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROWN VALLEY RD (NW CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1838009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROWN VALLEY RD (NW CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1838011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROWN VALLEY RD (NW CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1838012	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROWN VALLEY RD (NW CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1838013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CROWN VALLEY RD (NW CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1838014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	2121 SIERRA HWY (NW CORNER)	SANTIAGO RD	CO	CO	02/02/2015 to 06/01/2015	1892001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	33305 SANTIAGO RD (NW CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1892002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	33304 SANTIAGO RD (NE CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1892003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	2251 SIERRA HWY (NE CORNER)	SANTIAGO RD	CO	CO	02/02/2015 to 06/01/2015	1892004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CEIL AVE (NW CORNER)	SIERRA HWY	CO	CO	02/02/2015 to 06/01/2015	1892031	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (S CORNER)	PICO CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	1258381	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (S CORNER)	PICO CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	1258380	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (S CORNER)	PICO CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	1258379	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (S CORNER)	PICO CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	1258378	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD. (SE CORNER)	CONSTITUTION AVE.	CO	CO	02/29/2016 to 09/30/2016	1258371	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.2 - EXHIBIT A**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements

Certified Full Capture Systems Database  
Santa Clara River Watershed

Date: 08/31/2016

Reporting Year: 2016

Prepared By: SL

L.A. County MS4 Permit

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	THE OLD RD. (S CORNER)	PICO CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	1258374	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (S CORNER)	PICO CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	1258375	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD. (SE CORNER)	CONSTITUTION AVE	CO	CO	02/29/2016 to 09/30/2016	1258447	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD. (SE CORNER)	CONSTITUTION AVE	CO	CO	02/29/2016 to 09/30/2016	1258446	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD. (SE CORNER)	CONSTITUTION AVE	CO	CO	02/29/2016 to 09/30/2016	1258369	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD. (SE CORNER)	CONSTITUTION AVE	CO	CO	02/29/2016 to 09/30/2016	1258367	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD. (SE CORNER)	CONSTITUTION AVE	CO	CO	02/29/2016 to 09/30/2016	1258365	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD. (SE CORNER)	CONSTITUTION AVE	CO	CO	02/29/2016 to 09/30/2016	1258364	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PICO CANYON RD. (SE CORNER)	CONSTITUTION AVE	CO	CO	02/29/2016 to 09/30/2016	1258507	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEMINGWAY AVE. (NW CORNER)	STEVENSON RANCH PKWY	CO	CO	02/29/2016 to 09/30/2016	1258004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PERLMAN PL (NE CORNER)	HEMINGWAY AVE.	CO	CO	02/29/2016 to 09/30/2016	1258002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PERLMAN PL (NW CORNER)	HEMINGWAY AVE.	CO	CO	02/29/2016 to 09/30/2016	1258001	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PERLMAN PL (NW CORNER)	SCHUBERT CIR	CO	CO	02/29/2016 to 09/30/2016	1258003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEMINGWAY AVE. (NW CORNER)	PERLMAN PL.	CO	CO	02/29/2016 to 09/30/2016	1258066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HEMINGWAY AVE. (NE CORNER)	STEVENSON RANCH PKWY	CO	CO	02/29/2016 to 09/30/2016	1258008	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STAFFORD CANYON RD. (SE CORNER)	SHAW PL	CO	CO	02/29/2016 to 09/30/2016	1258110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STIEINBECK AVE. (SW CORNER)	DICKENS CT.	CO	CO	02/29/2016 to 09/30/2016	1258022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	STAFFORD CANYON RD. (NE CORNER)	SHAW PL	CO	CO	02/29/2016 to 09/30/2016	1258109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA BLVD. (NW CORNER)	THE OLD RD.	CO	CO	02/29/2016 to 09/30/2016	1257092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (SW CORNER)	SILVER ASPEN WY	CO	CO	02/29/2016 to 09/30/2016	1257047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (SW CORNER)	SILVER ASPEN WY	CO	CO	02/29/2016 to 09/30/2016	1257048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (NW CORNER)	SILVER ASPEN WY	CO	CO	02/29/2016 to 09/30/2016	1257049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (NW CORNER)	SILVER ASPEN WY	CO	CO	02/29/2016 to 09/30/2016	1257051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (NW CORNER)	SILVER ASPEN WY	CO	CO	02/29/2016 to 09/30/2016	1257052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (NW CORNER)	SILVER ASPEN WY	CO	CO	02/29/2016 to 09/30/2016	1257053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (NW CORNER)	SILVER ASPEN WY	CO	CO	02/29/2016 to 09/30/2016	1257055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PLUM CANYON RD. (SW CORNER)	GOLDEN VALLEY ROAD	CO	CO	02/29/2016 to 09/30/2016	1373188	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PLUM CANYON RD. (SW CORNER)	GOLDEN VALLEY ROAD	CO	CO	02/29/2016 to 09/30/2016	1373186	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PLUM CANYON RD. (W CORNER)	GOLDEN VALLEY ROAD	CO	CO	02/29/2016 to 09/30/2016	1373185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (SE CORNER)	PARKER BLVD.	CO	CO	02/29/2016 to 09/30/2016	1214087	N-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THE OLD RD. (SE CORNER)	PARKER BLVD.	CO	CO	02/29/2016 to 09/30/2016	1214086	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKER BLVD. (SW CORNER)	THE OLD RD.	CO	CO	02/29/2016 to 09/30/2016	1214002	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PARKER BLVD. (SW CORNER)	THE OLD RD.	CO	CO	02/29/2016 to 09/30/2016	1214001	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RIDGE ROUTE RD. (SW CORNER)	VIOLIN CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	1214025	300	RMD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RIDGE ROUTE RD. (SW CORNER)	VIOLIN CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	1214028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

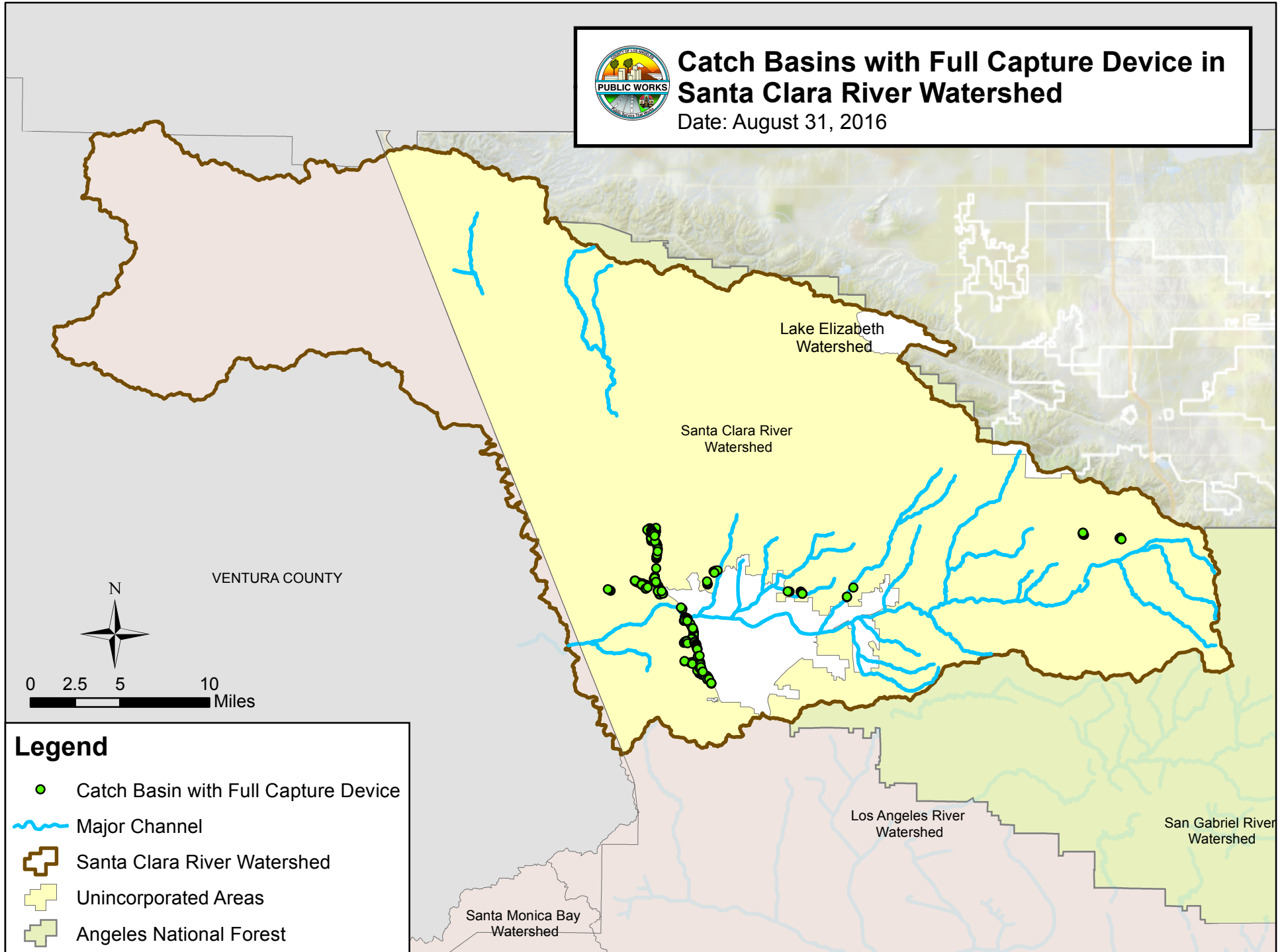
Notations:

- Form            Insert additional rows, as necessary
- Column 1:    Indicate certified full capture device (FCD) installed
- Column 2:    Name FCD street location and indicate whether: E - East, N - North; NE - North East; NW - North West; S - South; SE - South East; SW - South West; W - West
- Column 3:    Name the nearest cross street location of the FCD; A/E - Alleyway East of; A/N Alleyway North of
- Column 4:    FCD Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 5:    FCD Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 6:    Provide the date when FCD was installed
- Column 7:    Indicate County or City assigned catch basin (CB) identification (ID) numbers
- Column 8:    Type of CB based on Standard Plan for Public Works Construction from Greenbook Committee, Public Works Standards, Inc. (i.e., 300-2; 301-2; 302-2; 303-2; etc.)
- Column 9:    CB Owned by: DBH - Department of Beaches and Harbor; CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 10:   CB Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 11:   Indicate frequency of FCD maintenance (e.g. inspection & cleanout: 1x/3 mo., 1x/6 mo., 1x Nov., 1x Jan., 1x Aug., etc.)



# Catch Basins with Full Capture Device in Santa Clara River Watershed

Date: August 31, 2016



## Legend

- Catch Basin with Full Capture Device
- Major Channel
- Santa Clara River Watershed
- Unincorporated Areas
- Angeles National Forest

**FINAL REPORT**

**Santa Monica Bay Trash TMDL  
Annual Monitoring Report – 2016**

Los Angeles County  
Department of Public Works  
900 S. Fremont Ave  
Alhambra, CA 91803

November 23, 2016



# Table of Contents

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- Section 1 Introduction ..... 1-1**
  - 1.1 TMDL Background..... 1-1
  - 1.2 Objectives..... 1-1
- Section 2 Summary of Non-Point Source Monitoring ..... 2-1**
  - 2.1 Monitoring Locations..... 2-1
  - 2.2 MFAC Assessments ..... 2-3
  - 2.2 Source Area Evaluations ..... 2-4
- Section 3 Non-Point Source Compliance Assessment ..... 3-1**
  - 3.1 MFAC Assessments ..... 3-1
  - 3.2 Source Area Evaluations ..... 3-2
  - 3.3 Program Effectiveness..... 3-5
- Section 4 Summary of Point Source Implementation ..... 4-1**
- Section 5 Summary of Plastic Pellet Monitoring ..... 5-1**
  - 5.1 Plastic Pellet Definition ..... 5-1
  - 5.2 PMRP Requirements..... 5-1
  - 5.3 Monitoring Locations ..... 5-2
  - 5.4 Spill Response Plan ..... 5-3
- Section 6 Proposed Changes ..... 6-1**

## List of Figures

Figure 2-1 MFAC Assessment and Source Area Evaluation Monitoring Sites.....	2-2
Figure 6-1 Proposed New Nicholas Canyon Beach MFAC Assessment Site.....	6-1

## List of Tables

Table 2-1 MFAC Assessment Sites .....	2-3
Table 2-2 Source Area Evaluation Sites.....	2-5
Table 3-1 Trash Rates at MFAC Assessment Sites .....	3-1
Table 3-2 Trash Generation Rates at Source Area Evaluation Sites.....	3-4
Table 5-1 PMRP Inspection Results .....	5-3

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## Appendices

- Appendix A Field Monitoring Logs
- Appendix B Field Data
- Appendix C Site Maps and Monitoring Photos
- Appendix D Plastic Pellet Inspection Logs





## Section 1

### Introduction

#### 1.1 TMDL Background

Santa Monica Bay (SMB) nearshore and offshore has a history of being impacted by trash and other debris. As a result, the Environmental Protection Agency (EPA) 303(d) has included the SMB on its list of impaired waters in 1998, 2002, and 2006. Marine debris not only negatively impacts habitats and environments for aquatic life, but it can also harbor bacteria and viruses that may impact human health through exposure when visiting the beaches, harbors and parks. The SMB Nearshore and Offshore Debris Total Maximum Daily Load (Trash TMDL) was developed by the California Regional Water Quality Control Board (RWQCB) and adopted by the State Water Resources Control Board (SWRCB) to manage this debris and reduce the impact. Effective March 20, 2012, the Trash TMDL specifies a numeric target of zero for both trash and plastics resulting from point and non-point sources to be achieved by 2017. Zero trash and plastics are defined by the Trash TMDL as follows<sup>1</sup>:

- Trash from point sources: “No trash discharged into waterbodies within the Santa Monica Bay Watershed and into Santa Monica Bay or on the shoreline of Santa Monica Bay.”
- Trash from non-point sources: “No trash on the shoreline or beaches, or in harbors adjacent to Santa Monica Bay, immediately following each assessment and collection event consistent with an established Minimum Frequency of Assessment and Collection Program (MFAC Program).”
- Plastics from point sources: “No plastic pellets discharged from the premises of industrial facilities that import, manufacture, process, transport, store, recycle or otherwise handle plastic pellets.”

The Trash TMDL requires implementation of best management practices (BMPs) to capture and reduce trash in the SMB, as well as, monitoring to quantify the amount of trash in the SMB and assess whether numeric targets are being met. Monitoring requirements are detailed in the *Santa Monica Bay Watershed (SMB) Trash Monitoring and Reporting Plan (TMRP) - Final* (September 2012), developed by Los Angeles County Department of Public Works (LACDPW) for this TMDL.

#### 1.2 Objectives

The objectives of the 2016 Annual Monitoring Report are:

- Summarize point source and non-point source control efforts
- Describe non-point source monitoring activities per MFAC/BMP Program requirements,

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<sup>1</sup> SMB Trash TMDL

Section 1 • Introduction

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- Establish site-specific load allocations (LA),
- Evaluate compliance with the following Trash TMDL metrics:
  - Beaches and Harbors: 113,150 pounds per mile per year (310 lbs/mi/day)
  - Parks: 162,468 pounds per square mile per year (640 gal/mi<sup>2</sup>/year)
- Provide recommendations for future Trash TMDL implementation efforts.

## Section 2

### Summary of Non-Point Source Monitoring

The Minimum Frequency of Assessment and Collection/Best Management Practice (MFAC/BMP) Program is implemented to manage non-point sources, as described in the Trash TMDL. The MFAC/BMP Program includes the following components<sup>2</sup>:

- “An initial minimum frequency of trash assessment and collection that includes collection and disposal of all trash found in the source areas and along the shoreline.” Source areas include beaches, harbors, and non-beach open-space (parks). Monitoring will be conducted to provide site-specific trash generation rates.
- Implementation of a “suite of structural and/or non-structural BMPs”

Per the Trash Monitoring and Reporting Plan (TMRP) developed in accordance with Trash TMDL requirements, MFAC Assessments and Source Area Evaluations were conducted. The non-point source area monitoring approach was based on the approach outlined in the TMRP.

MFAC Assessments are conducted one time per year. Field staff visually survey a defined area after daily beach cleanups and collect all remaining trash. The remaining trash can include food waste, plastic, and cigarette butts.

Source Area Evaluations are conducted twice a year. Field staff visually survey a defined area that has been identified as a potential source of trash. The surveys are conducted four hours after cleanups on average and any trash present at the sites is collected.

#### 2.1 Monitoring Locations

Non-point source monitoring sites were selected in land areas that may be generating or contributing trash to the SMB. MFAC monitoring sites are limited to areas owned and operated by the County of Los Angeles (County). State beaches, privately owned areas, and beaches belonging to other jurisdictions were not included as part of this project. Source Area Evaluation monitoring sites are limited to areas that can be contributing trash to beaches owned and operated by the County.<sup>3</sup> Twelve MFAC Assessment and eleven Source Area Evaluation sites in County nonpoint source areas were selected as part of the TMRP. These 23 sites are shown in Figure 2-1, with aerial maps included in Appendix C.

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<sup>2</sup> Resolution No. R10-010

<sup>3</sup> The Latigo Shores Beach source area evaluation site is owned and maintained by Caltrans but may be a source of trash to Latigo Shores Beach, which is owned and operated by the County.

Section 2 • Summary of Non-Point Source Monitoring



Figure 2-1 MFAC Assessment and Source Area Evaluation Monitoring Sites

The length of each monitoring section was 100 feet including curves to reflect actual site conditions (e.g., shorelines are not straight lines). The width of each monitoring site varied based on site conditions as follows:

- MFAC Assessment Sites
  - Beaches: The width of the monitoring area is the distance between the “current visible high-water line or beach crest and the lowest level to which the water recedes.”<sup>4</sup> For the purposes of this project, the high-water line or high tide line is defined as the location where loose sand transitions into smooth, compacted sand at the beach crest.
  - Harbor: The width of the monitoring area is limited to the water areas that extend five feet to each side of the dock.

<sup>4</sup> TMRP

- Park: The width of the monitoring area is limited to five feet and “represents the areas within which trash can be carried to the waterbody by wind or water.”<sup>5</sup>
- Source Area Evaluation Sites
- Beaches, Harbor, and Park: The width of the monitoring area does not exceed ten feet and is specified in Trash Monitoring Logs.

Monitoring sites are described in detail in the Monitoring Plan.<sup>6</sup>

## 2.2 MFAC Assessments

The MFAC Collection and Assessment Program involves daily cleanups conducted by Los Angeles County Department of Beaches and Harbors (DBH) at all MFAC Assessment sites. Following cleanups, the field staff implements the monitoring component of the MFAC Program to evaluate attainment of zero-trash goals. MFAC Assessments are required annually per Trash TMDL requirements and were conducted at the twelve sites, listed in Table 2-1 and shown in Figure 2-1, between September 19 through 22, 2016. During MFAC Assessments, field staff visually assessed the monitoring areas for the presence of trash, recreation activities, wildlife presence, and potential sources of trash. Trash that was present in the defined monitoring area was collected, weighed and documented as general, hazardous, or intractable. Refer to Appendix A for the completed field forms from each monitored site.

Trash found at beach sites were mostly located along the crest line and consisted primarily of food-related items, including straws, plastic wrappers, Styrofoam, food, and water bottles (Appendix C). Other types of trash also include toys, clothes, and cigarettes. Small strings of plastic were often found tied to kelp masses. The monitoring area at Marina Beach included the rip rap along the edge of the beach, which contained relatively high amounts of trash. No trash was found in the water along the boat dock at the harbor sites, while minimal amounts of trash were found in the park sites.

At all sites, potential sources of the trash appear to be associated with the visitors to the beaches, harbors, and parks.

**Table 2-1 MFAC Assessment Sites**

Site Location	Site ID	Site Description	Site Length (ft)	Average Site Width (ft)
Nicholas Canyon Beach <sup>1</sup>	MFAC1_NIC	Rocky shoreline south of the staircase	50	7.0
Zuma Beach	MFAC2_ZUM	Shoreline north of storm drain marker northwest of Zuma Café	100	33.5
Point Dume Beach	MFAC3_PTD	Shoreline extending south of light post #2 past the parking kiosk, south of lifeguard tower 4	100	19.3

<sup>5</sup> Resolution No. R10-010

<sup>6</sup> Monitoring Plan for SMB Trash TMDL Implementation of the Trash Monitoring and Reporting Plan

## Section 2 • Summary of Non-Point Source Monitoring

Site Location	Site ID	Site Description	Site Length (ft)	Average Site Width (ft)
Dan Blocker Beach	MFAC4_DBL	Shoreline extending east of lifeguard tower 2, from outfall pipe (at given GPS coordinates) to channel outflow underpass/bridge west of lifeguard tower 2	100	14.0
Malibu/Surfrider Beach	MFAC5_MLS	Shoreline extending northeast of the telephone pole north of lifeguard tower 2	100	11.2
Topanga Beach	MFAC6_TOP	Shoreline extending northwest of the west wall of the Lifeguard Headquarters building	100	11.0
Marina Beach	MFAC8_MAR	Shoreline extending northwest of Circulator Dock bordered by riprap	100	17.3
Marina del Rey Harbor	MFAC9_MDR	Water in harbor parallel to floating dock. Width extends 5 ft in the water on both sides of the floating dock.	100	5.0
Burton Chace Park	MFAC10_BCP	Sidewalk along fence line extending west past the restroom	100	10.0
Manhattan Beach	MFAC11_MAN	Shoreline extending north towards lifeguard tower 42	100	24.5
Redondo Beach	MFAC12_RED	Shoreline extending north towards the DBH maintenance yard	100	6.0
Torrance Beach	MFAC13_TOR	Shoreline extending south towards the cobble area	100	6.9

<sup>1</sup> Due to hazardous conditions from rocky terrain and high tides, site length of 100 ft was reduced to what can be safely monitored (50 ft).

## 2.2 Source Area Evaluations

To estimate trash generation rates, Source Area Evaluations are conducted at locations likely to generate trash that may enter the SMB. The field evaluations are conducted in the afternoon to allow for trash to generate after daily morning cleanups. Source Area Evaluations are required semi-annually per Trash TMDL requirements and were conducted at the eleven sites, listed in Table 2-2 and shown in Figure 2-1, during the weeks of August 22, 2016 and September 26, 2016. Like MFAC Assessments, field staff visually assessed the monitoring areas for the presence of trash, recreation activities, wildlife presence, and potential sources of trash. Trash that was present in the area was collected and weighed and documented as general, hazardous, or intractable. Refer to Appendix A for the completed field forms from each monitored site and survey.

Trash at Source Area beach shoreline sites were similar to MFAC beach sites, with trash located primarily near the high-tide line and consisting of food-related items (Appendix C). The Marina del Rey Harbor Source Area site is similar to the MFAC Marina Beach site in that the monitoring area includes rip rap along the circulation dock. Relatively high amounts of trash were extracted from the rip rap during the first survey. Some Source Area beach sites are in the parking areas instead of shorelines such as Nicholas Canyon Beach, Las Tunas Beach, and Marina Beach. At these sites, trash was located primarily along the edge of the curb and consisted of high amounts

of cigarette butts. Additionally, the Latigo Shores Beach site is a Caltrans roadway for parking, which also had high amounts of cigarette butts as well as broken glass. The one park site, Burton Chace Park, was especially clean during both evaluations with minimal to no trash in the park.

At beach shoreline and park sites, potential sources appear to be associated with the visitors. In parking lots, sources include both beach users as well as picnickers and surfers who stop to look at the surf. At Marina del Rey Harbor, boaters that use the boat slips and launch may also contribute trash. The amount of trash is relatively heavy at Latigo Shores Beach and is likely attributed to both people going to the beach as well as cars littering as they pass by.

**Table 2-2 Source Area Evaluation Sites**

Site Location	Site ID	Site Description	Site Length (ft)	Average Site Width (ft)
Nicholas Canyon Beach	EVAL1_NIC	Parking lot along curb starting from southeast corner of parking lot	100	10.0
Zuma Beach	EVAL2_ZUM	Shoreline extending north of volleyball courts southeast of Zuma Café	100	56.6
Point Dume Beach	EVAL3_PTD	Shoreline extending south of light post #2 past the parking kiosk, south of lifeguard tower 4	100	44.3
Latigo Shores Beach <sup>1</sup>	EVAL4_LTS	Roadside along PCH parking area, east of intersection of PCH and Latigo Shores Dr.	100	10.0
Las Tunas Beach	EVAL5_LTN	Parking lot extending east of lifeguard tower 1 along the concrete safety barrier	100	10.0
Topanga Beach	EVAL6_TOP	Shoreline extending northwest of the west wall of the Lifeguard Headquarters building	100	46.2
Marina Beach	EVAL8_MAR	Parking lot extending south from the light post at the northeast corner of Parking Lot 10	100	10.0
Marina del Rey Harbor	EVAL9_MDR	Water and rock (rip rap) area in harbor extending south, parallel to Circulator Dock	100	13.5
Burton Chace Park	EVAL10_BCP	Sidewalk along fence line extending west past the restroom	100	5.0
Redondo Beach	EVAL11_RED	Shoreline extending north towards lifeguard tower AVE H	100	28.1
Torrance Beach	EVAL12_TOR	Shoreline extending north towards lifeguard tower HR	100	36.1

<sup>1</sup> Per the requirements of the TMRP, this site does not qualify as an Evaluation site as it is not owned by the County and not maintained by DBH. This site was monitored during 2016 but is recommended for removal/relocation for future years.



Section 2 • Summary of Non-Point Source Monitoring

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## Section 3

# Non-Point Source Compliance Assessment

Trash collected from each site during MFAC Assessments and Source Area Evaluations was weighed. These weights were compared to Trash TMDL zero-trash targets and metrics to assess compliance.

### 3.1 MFAC Assessments

The purpose of MFAC Assessments is to evaluate the attainment of zero-trash load allocations after cleanup events. The weights of trash collected in each MFAC monitoring area are divided by site lengths (or site areas in the case of parks) to estimate the unit trash values in pounds per mile (lbs/mi) or pounds per square mile (lbs/mi<sup>2</sup>). The weights and unit weights are presented in Table 3-1.

**Table 3-1 Trash Rates at MFAC Assessment Sites**

Site	Site Type	Collected Trash Weight <sup>1</sup> (lbs)	Unit Trash Amount (lbs/mi)
Nicholas Canyon Beach	Beach (Shoreline)	0.006	0.66
Zuma Beach	Beach (Shoreline)	0.094	5.0
Point Dume Beach	Beach (Shoreline)	0.075	4.0
Dan Blocker Beach	Beach (Parking Lot)	0	0
Malibu/Surfrider Beach	Beach (Shoreline)	0.056	3.0
Topanga Beach	Beach (Shoreline)	0.056	3.0
Marina Beach	Beach (Shoreline)	0.519	27.4
Marina del Rey Harbor	Harbor (Water)	0	0
Burton Chace Park	Park (Sidewalk)	0.025	697 lbs/mi <sup>2</sup>
Manhattan Beach	Beach (Shoreline)	1.77	93.4
Redondo Beach	Beach (Shoreline)	< 0.003	0.17
Torrance Beach	Beach (Shoreline)	0.044	2.3

<sup>1</sup> The "<" qualifiers indicate that although trash was collected, the weight of trash was not measurable. If the weight of standard, hazardous, or intractable trash was not measurable, then the "<" qualifier is applied. In these cases, the weight of the trash is assumed to be one-half of the scale's minimum detection limit for calculation purposes.

Site-specific assessments show that cleanup at Dan Blocker Beach and Marina del Rey Harbor achieved zero-trash goals, while beach and park monitoring sites contained minor amounts of trash even after cleanups. The maximum amount of trash collected at one site weighed 0.5 lbs.

The sites with the highest trash amounts included Zuma Beach, Point Dume Beach, Marina Beach, and Manhattan Beach. The source of the relatively high amounts of trash found at Marina Beach is the rip rap section. The rip rap needs to be manually cleaned and, therefore, may not be cleaned as often as the beach. The trash collected at Zuma and Point Dume Beaches were primarily plastic water bottles, while the weight of the trash at Manhattan Beach, which had the highest total weight for all individual assessments, was impacted by a 1.7 lb piece of 2x4 wood block. If the

wood block was excluded from trash collected at Manhattan Beach, the total weight would be 0.069 lbs with a much lower unit trash amount of 3.6 lbs/mi.

## 3.2 Source Area Evaluations

The purpose of Source Area Evaluations is to estimate trash generation rates to compare these rates against Trash TMDL metrics. The trash generation rates are calculated by dividing the weight of trash collected at each Source Area monitoring area by the site's length (or the site's area in the case of parks) and the time between cleaning and monitoring. Trash generation rates presented in this section represent peak trash generation rates as evaluations only occurred during periods of peak usage (afternoons). To estimate the average daily trash generation rate, Source Area Evaluations should be performed just prior to cleanup activities. Trash collected just prior to cleanup would represent the daily amount of trash generated since the previous day's cleanup, including both peak (daylight) and non-peak (nighttime) periods.

Table 3-2 presents the collected weights, time between the cleaning and the monitoring, and the calculated trash generation rates for both surveys. The generation rates are compared to the following Trash TMDL assessment metrics:

- Beaches and Harbors: 113,150 pounds per mile per year (310 lbs/mi/day)
- Parks: 162,468 pounds per square mile per year (640 gal/mi<sup>2</sup>/year)

Shorelines (beaches) generally exhibited compliant trash generation rates. Eight of the nine beach sites had rates below the metric of 113,150 lbs/mi/year during each of the evaluation events. Three sites, Latigo Shores Beach, Marina del Rey Harbor, and Burton Chace Park, exceeded the Trash TMDL metrics during one or both evaluation events. The average trash generation rate at Marina del Rey is 227,000 lbs/mi/yr. This rate appears to be influenced by the amount of trash trapped by the rip rap. Typical machinery used in cleanups cannot be used along the rip rap, which must be manually cleaned. It is likely that the first evaluation event removed trash that might have been trapped in the rip rap for an extended period of time, while less trash was collected in the rip rap during the second evaluation event (2.38 and 0.06 lbs, respectively). Removing trash from the rip rap during the first event resulted in a 97 percent reduction in trash weight during the second event. Although the trash generation rate during the first event at the harbor (440,000 lbs/mi/yr) exceeded the TMDL metric, the generation rate calculated from the trash weight collected during the second survey (13,600 lbs/mi/yr) is less than the TMDL metric and may represent a more realistic generation rate for this site.

Latigo Shores Beach also exhibited a high average trash generation rate of 899,000 lbs/mi/yr. The high levels of trash at this site, a roadway, is likely due to the high volume of cars that drive along Pacific Coast Highway. During the first evaluation event, there was a large piece of mirror in the monitoring area and was estimated to weigh 20 lbs. This piece of mirror skewed the trash generation rate from the first event. Without that piece of mirror, the event 1 trash generation rate would be approximately 251,000 lbs/mi/yr, resulting in an average trash generation rate of 128,000 lbs/mi/yr for that site. Typical trash found at Latigo Shores Beach are cigarette butts, broken glass, and rubber and plastic pieces that could originate from cars. Although Latigo Shores

Beach does not appear to be a highly visited beach, the volume of trash (bottles and food trash) suggests its sources may be from people stopping in the parking area or passing by.

The highest exceedance occurred at Burton Chace Park, which had an average trash generation rate of 2,310,000 lbs/mi<sup>2</sup>/yr despite having one of the lowest weight of collected trash. This trash generation rate is more than ten times greater than the park metric of 162,468 lbs/mi<sup>2</sup>/yr. The park appears to receive a relatively high number of visitors. In the summers, the park also holds special events such as concerts and plays, which result in particularly high park usage. However, to meet the metric at the 500 ft<sup>2</sup> monitoring area in the park would require the presence of less than 0.001 lbs or 0.02 ounces of trash. This weight may be the equivalent of two or three cigarette butts.

Although the average trash generation rate at Point Dume Beach (109,000 lbs/mi/yr) was below the TMDL metric, the rate during the second evaluation event (175,000 lbs/mi/yr) exceeded the TMDL metric. During the second event, more trash was present in the form of clothing and shoes left behind by visitors to the beach or homeless presence and resulted in the additional weight. Trash was minimal during the first evaluation event as well as the MFAC Assessment.

**Table 3-2 Trash Generation Rates at Source Area Evaluation Sites**

Site	Site Type	Collected Trash Weight <sup>1</sup> (lbs)		Time Between Cleanup and Evaluation (hrs)		Trash Generation Rate <sup>2</sup> (lbs/mi/yr) or (lbs/mi <sup>2</sup> /yr)	
		Event 1	Event 2	Event 1	Event 2	Event 1	Event 2
Nicholas Canyon Beach	Beach (Parking Lot)	0.20	0.32	3.2	2.7	29,200	54,600
Zuma Beach	Beach (Shoreline)	< 0.05	0.05	3.8	3.3	< 61,70	7,080
Point Dume Beach	Beach (Shoreline)	0.40	1.58	4.4	4.2	42,500	175,000
Latigo Shores Beach <sup>3</sup>	Beach (Parking Lot)	23.3	0.056	6.0	6.0	1,790,000	4,340
Las Tunas Beach	Beach (Parking Lot)	0.36	0.21	5.8	5.4	28,500	18,100
Topanga Beach	Beach (Shoreline)	0.62	< 0.003	6.3	5.8	45,500	< 248
Marina Beach	Beach (Parking Lot)	0.025	0.044	2.0	2.6	5,880	7,940
Marina del Rey Harbor	Harbor (Shoreline)	2.38	0.064	2.5	2.2	440,000	13,600
Burton Chace Park	Park (Sidewalk)	0.031	< 0.003	3.7	3.1	4,130,000	< 500,000
Redondo Beach	Beach (Shoreline)	0.12	< 0.003	3.1	4.6	18,100	< 317
Torrance Beach	Beach (Shoreline)	0.038	0.27	4.1	3.3	4,250	38,200

<sup>1</sup> The "<" qualifiers indicate that although trash was collected, the weight of trash was not measurable. If the weight of standard, hazardous, or intractable trash was not measurable, then the "<" qualifier is applied. In these cases, the weight of the trash is assumed to be one-half of the scale's detection limit for calculation purposes.

<sup>2</sup> Units for Burton Chace Park are lbs/mi<sup>2</sup>/yr.

<sup>3</sup> During the first event at Latigo Shores Beach, there was a large piece of mirror at the site with an estimated weight of 20 lbs. If this mirror were excluded, the weight of trash collected at Latigo Shores Beach would be 0.26 lbs and the trash generation rate would be 251,000 lbs/mi/yr.

### 3.3 Program Effectiveness

The MFAC/BMP Program, comprised of collection and monitoring components, suggests that the MFAC Collection Program is effective at reducing trash in the SMB. Source Area Evaluations showed that trash is generated in a day at most sites. However, through daily cleanups, the amount of trash is significantly reduced. MFAC Assessments indicated that only two sites, Dan Blocker Beach and Marina del Rey Harbor, were compliant with the zero-trash TMDL target during 2016. The presence of trash after cleanups may be partially attributed to the types of trash found at the sites. Trash collected during assessments were generally small in size (e.g., cigarette butts, paper and plastic pieces), which may be difficult to be cleaned by typical cleanup machinery. Additionally, some trash was found associated with kelp masses. For example, trash mixed with kelp cannot be removed during typical cleanups as kelp masses require additional measures prior to cleanup and disposal.

Average trash generation rates from Source Area Evaluations indicated that three of eleven sites did not meet the trash generation TMDL metrics. These sites are Latigo Shores Beach, Marina del Rey Harbor, and Burton Chace Park.

- Marina del Rey Harbor (227,000 lbs/mi/yr) – The trash generation rate at Marina del Rey Harbor was approximately twice as high as the TMDL beach and harbor metric of 113,150 lbs/mi/yr. This was largely due to the higher amount of trash collected (2.38 lbs) during the first evaluation event, as much of the trash collected was lodged in the rip rap along the circulation dock. The trash in the rip rap may have not been removed during regular cleanups due to high tides. The amount of trash during the second evaluation event was much lower (0.064 lbs) at approximately 3 percent of the amount collected during the first evaluation event and resulted in a generation rate below the TMDL metric.. Trash in the rip rap was visibly reduced after the first evaluation event.
- Latigo Shores Beach (899,000 lbs/mi/yr) – The trash generation rate at Latigo Shores Beach was notably higher than the TMDL beach metric. The presence of a large piece of mirror weighing approximately 20 lbs during the first evaluation event resulted in an especially high trash generation rate during the first event (1,790,000 lbs/mi/yr). If the mirror were excluded, the trash generation rate would be reduced by 85 percent to 251,000 lbs/mi/yr. The site is also adjacent to a highly used roadway, Pacific Coast Highway, with cars that could be contributing to the high amount of trash (e.g., cigarette butts, small pieces of rubber and plastic, etc.). Similar to Marina del Rey Harbor, the trash generation rate during the second evaluation event was much lower (13,700 lbs/mi/yr) and within the TMDL metric.
- Burton Chace Park (2,310,000 lbs/mi<sup>2</sup>/yr) – The trash generation rate at Burton Chace Park was significantly higher than the TMDL park metric of 168,458 lbs/mi<sup>2</sup>/yr. This site is impacted by heavy usage in summer months. However, very little trash needs to be present before the TMDL metric for parks is exceeded and may be as little as two or three cigarette butts.

During the 2016 monitoring period, 80 percent of the Source Area Evaluations are currently meeting the TMDL metrics for the monitoring sites. Additionally, the majority of the sites had

## Section 3 • Non-Point Source Compliance Assessment

lower trash generation rates during the second evaluation event. Excluding Burton Chace Park, where the TMDL metric only allows for 0.02 ounces of trash before exceedances are observed, only one site exceeded the TMDL metric during the second evaluation event. Based on these results, no new or additional BMPs are recommended for 2017.

## Section 4

### Summary of Point Source Implementation

The wasteload allocation (WLA) for point sources is zero trash in the SMB. Compliance with the WLA may be achieved through implementation of full capture systems, partial capture systems, and/or institutional controls. Full capture systems must treat a minimum of a peak flow rate from a one-year, one-hour storm and retains particles greater than 5 mm. The County has retrofitted 100 percent of all identified catch basins in the Santa Monica Bay watershed with full capture devices. This includes:

- 716 catch basins within the Los Angeles County unincorporated areas
- 29 catch basins in SMB Jurisdictional Group 2 and 3 watersheds
- 218 catch basins in the Malibu Creek watershed
- 40 catch basins in the North Santa Monica Bay coastal watersheds
- 429 catch basins in the Ballona Creek and Marina del Rey watersheds

Per the TMDL, Los Angeles County is assumed to have achieved 20 percent reduction of trash from Baseline WLA compliance. Installation of full captures systems is not planned for 2017 as 100 percent of identified catch basins have been retrofitted.



Section 4 • Summary of Point Source Implementation

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## Section 5

### Summary of Plastic Pellet Monitoring

The purpose of this section is to detail the results of the Plastic Pellet Monitoring and Reporting Plan (PMRP) per the Santa Monica Bay Nearshore and Offshore Debris Total Maximum Daily Load, effective March 20, 2012. The PMRP covers the entire Santa Monica Bay Watershed Management Area (WMA) including Ballona Creek, Malibu Creek, and the Marina del Rey watersheds.

#### 5.1 Plastic Pellet Definition

For the purposes of the PMRP, a plastic pellet is a piece of pre-production plastic that is typically formed into a spherical or cylindrical shape measuring less than five millimeters in diameter or length. Varying widely in composition, plastic pellets often incorporate different types of plastic as well as colorants and other additives. Plastic pellets are the base material used in manufacturing plastic products.

#### 5.2 PMRP Requirements

For the County, the PMRP requirements apply to areas within County jurisdiction, in particular,

MS4 outfalls connected to sites associated with industrial facilities that are related to the manufacturing, handling, or transportation of plastic pellets. As defined in the TMDL, the WLA for plastic pellets is zero. Facilities associated with plastic pellets include but are not limited to Standard Industry Classification (SIC) codes 282X, 305X, 308X, 39XX, 25XX, 3261, 3357, 373X, and 2893. Additionally, industrial facilities with the term “plastic” in the facility or operator name will be subject to the WLA for plastic pellets. For the County, meeting the WLA will be achieved through implementing the PMRP. For plastic pellet-related facilities within the jurisdiction of the County, meeting the WLA will be achieved through applicable permits and orders. The PMRP is designed to address the following requirements:

- Monitoring the amount of plastic pellets being discharged from the MS4 where relevant industrial facilities are identified
- Establishing triggers for increased industrial facility inspections and enforcement of Stormwater Pollution Prevention Plan (SWPPP) requirements
- Spill Response Plan

In County jurisdictional areas with potential plastic pellet-related industrial facilities, the following proposed procedures will be used for the PMRP plastic pellet monitoring program:

- Inspect the industrial facilities where potential plastic pellet use has been identified

## Section 5 • Summary of Plastic Pellet Monitoring

- Monitor the amount of plastic pellets discharged from facility areas draining to the MS4 if plastic pellets are found during an industrial facility inspection. Dispose of any captured plastic pellets in accordance with all applicable laws and regulations.

The County does not use or transport plastic pellets. Entities within County jurisdiction that use plastic pellets are presumed to be subject to the Industrial General Permit (IGP) and required to implement BMPs to prevent the discharge of plastic pellets per their SWPPPs developed specifically to address the pellet use by the entity. Discharge of plastic pellets to the MS4 system would occur through entities in violation of their IGPs or through spill during transport. The County PMRP procedures for meeting the TMDL requirements to identify entities discharging plastic pellets include the following:

1. Conduct industrial facility inspections and if relevant, plastic pellet monitoring
2. In the event of a spill, implement Spill Response Plan and notify the Regional Board within 24 hours of the County, responsible agency, or jurisdiction becoming aware of the spill
3. Submit a monitoring report that provides the following information:
  - a. Summary of all industrial facility inspection and monitoring efforts
  - b. Results of any plastic pellet monitoring, and whether additional inspections were triggered
  - c. Results, including enforcement actions, from additional inspections triggered through monitoring
  - d. If necessary, proposed revisions to the PMRP, including:
    - i. Inspection triggers
    - ii. Monitoring frequency, procedures, or site revisions
    - iii. Spill response protocol revisions
    - iv. Description of additional MS4 outfalls and/or industrial facilities to be addressed the following year.

The PMRP was developed to prevent and, in the case of a release during transport, oversee the capture of plastic pellets in areas under the County jurisdiction within the Santa Monica Bay WMA. There is no plastic pellet usage by any County facilities.

### 5.3 Monitoring Locations

The three facilities shown below have been identified in the PMRP to have the potential to manufacture, handle, or transport plastic pellets, however, the County is not aware of any current or recent activities at these facilities involving plastic pellets.

**Table 5-1 PMRP Inspection Results**

Facility Name	Address	Date of Inspection	Result
Windward Yacht and Repair, Inc.	13645 Fiji Way, Marina del Rey, CA 90202	February 8, 2016	<ul style="list-style-type: none"> <li>▪ All BMPs in place</li> <li>▪ No Plastic Pellets found on-site</li> <li>▪ No planned future use of Plastic Pellets</li> </ul>
The Boat Yard	13555 Fiji Way, Marina del Rey, CA 90202	February 8, 2016	<ul style="list-style-type: none"> <li>▪ All BMPs in place</li> <li>▪ No Plastic Pellets found on-site</li> <li>▪ No planned future use of Plastic Pellets</li> </ul>
Seamark Marine	13441 Mindanao Way, Marina del Rey, CA 90202	February 8, 2016	<ul style="list-style-type: none"> <li>▪ All BMPs in place</li> <li>▪ No Plastic Pellets found on-site</li> <li>▪ No planned future use of Plastic Pellets</li> </ul>

There was no evidence of plastic pellets found at any of the three facilities and all their BMPs were in place and functioning (See Appendix D for inspection report).

Per the PMRP, since there was no evidence of plastic pellet use during the annual inspection and the operator confirmed that there was no plastic pellet use, no future monitoring was conducted during this reporting season at these facilities.

## 5.4 Spill Response Plan

Accidental spills during transfer and transportation contribute to plastic pellets entering storm drains and, ultimately, the Santa Monica Bay. The PMRP includes protocols for a timely and appropriate response to possible plastic pellet spills within County jurisdiction to address containment of spilled plastic pellets.

During the 2015-2016 reporting year, there were no reports of a plastic pellet spill or illegal dumping/discharge incidents within the County jurisdiction in the Santa Monica Bay.

Section 5 • Summary of Plastic Pellet Monitoring

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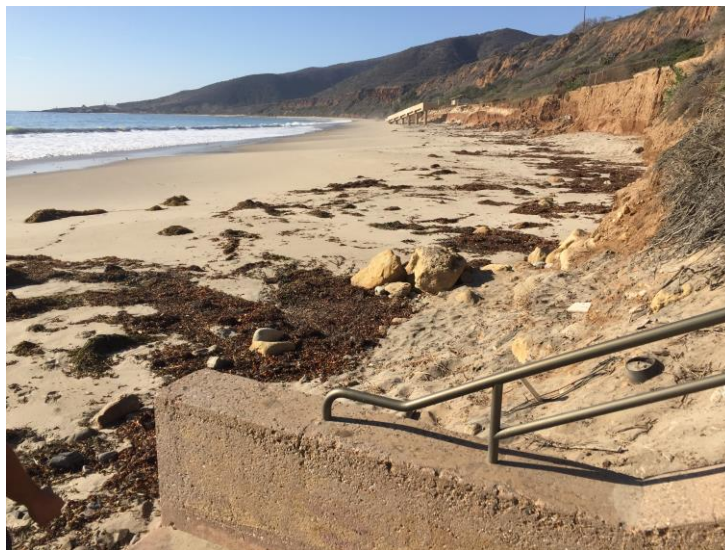
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## Section 6

### Proposed Changes

Based on the first year of monitoring and Trash TMDL specifications, the following changes are recommended:

- Relocate Nicholas Canyon Beach MFAC site – The site cannot be accessed as the roadway is washed out and high tides prevent safe access along the beach. The high tides and strong surf also causes unsafe conditions for visitors, DBH staff, and field staff. An alternate beach site would be more valuable for assessments.
- The proposed replacement MFAC site is located at 34°02'33.0"N, 118°54'58.0"W, where the site will extend 100 feet north of the beach access stairwell (Figure 6-1). This site can only be accessed during low tide and should only be monitored under safe conditions.



**Figure 6-1 Proposed New Nicholas Canyon Beach MFAC Assessment Site**

- Remove Latigo Shores Source Area Evaluation site – The current Latigo Shores site is the roadway along Pacific Coast Highway, which is owned, operated and maintained by Caltrans. As the beach is located at the base of a bluff, there is currently no safe access to Latigo Shores Beach. There is no County-maintained access to Latigo Shores Beach from the roadway and there are no future plans to install access to this beach. Although there is access through privately-owned stairwells, this is located approximately 500 feet northeast of the site and can only be safely accessed during low tide. As such, Latigo Shores Beach is considered unsafe and inaccessible for the purposes of the TMRP.

## Section 6 • Proposed Changed

- The value of the TMDL trash generation metric for parks needs to be re-visited with the Regional Board. The existing metric appears to provide very little flexibility. Several cigarette butts found in the 500 ft<sup>2</sup> monitoring area may be all is necessary to exceed the metric.
- The timing of the Source Area Evaluation monitoring should be re-visited. Right now, the monitoring occurs in the afternoon. The period between cleanup and monitoring probably represents the peak time for public usage of the beaches, marinas and parks. The resulting trash generation during this period represents the peak generation rates for the day. If the monitoring occurred in the early morning prior to the daily cleaning, the resulting rate would represent the average daily rate over a 24-hour period from the previous day's cleaning that includes both the peak and non-peak usage periods.

# Appendix A

## Field Monitoring Logs



**TRASH MONITORING WORKSHEET**

**General Information**

Date/Time of Arrival (24 hr clock): 09/19/2016 12:00

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Nicholas Canyon Beach Location ID: MFAC1-NIC

Location Type (circle one): Beach / Harbor / Park

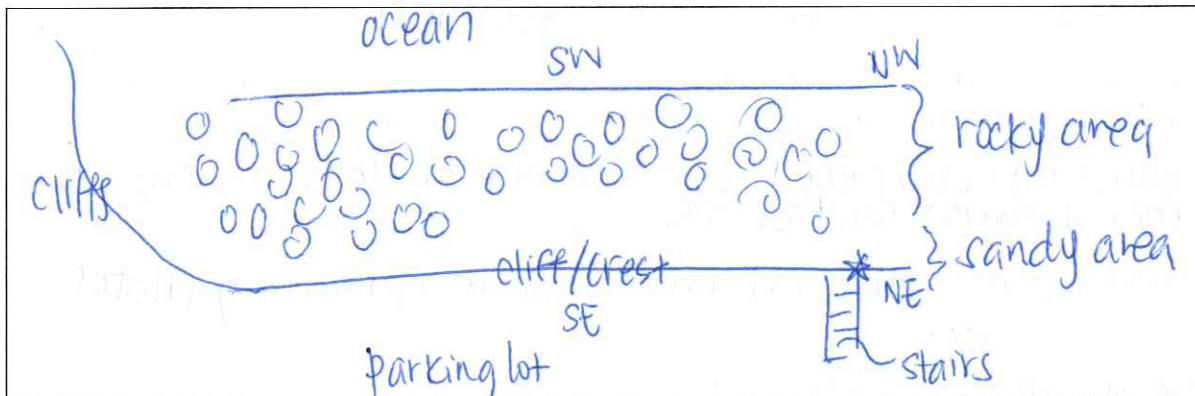
Field Crew Names: TL / JR

**Site Information**

GPS Coordinates: NW 34°02.580' -118°54.965' NE 34°02.549' -118°54.964'  
 SW 34°02.582' -118°54.959' SE 34°02.953' -118°54.958'

\* Reference Point edge of stairs

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

reference: N edge of bottom of stairs. no homeless. 1 RV & 1 van  
camper. ~ 8 ppl in parking lot. all surfers/campers.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 12:22 Event Stop Time: 12:29

### Time Spent Monitoring

Total (Stop - Start): 6 min

Cumulative (Total Time \* # of Crew Members): 12 min

Weight of Trash (lbs to one decimal point): empty bag = 0.1 oz

Standard Trash: 0.20z

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? yes. high.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

styrofoam cup pieces. one cigarette at stairs. mostly at edge between sand & rocks.

sources: recreationers (surfers). some ppl taking photos.

Additional Notes: (weather, wildlife, etc.)

sunny. no wildlife. high tide. strong surf. splashes to stairs. nobody in water but ~3 ppl taking pictures by LG tower

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

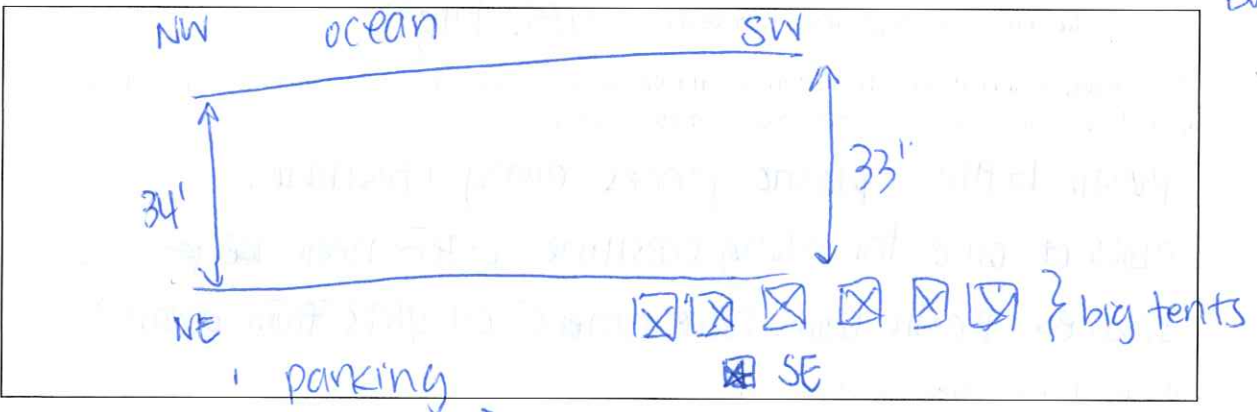
## General Information

Date/Time of Arrival (24 hr clock): 09/19/2016 12:50  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Zuma Beach Location ID: MFAC2-ZUM  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 34°01.353' -118°49.975' NE 34°01.347' -118°49.970'  
 SW 34°01.342' -118°49.961' SE 34°01.347' -118°49.956'  
 \* Reference Point yellow storm drain pole btw LG 9 & LG 10

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: yellow SD pole between LG Tower 9 & 10  
no homeless. no ppl or items in monit area. 2 ppl walked past  
~5 ppl recreating immed upstream & downstream of monit  
area. many more downstream



**TRASH MONITORING WORKSHEET**

**Monitoring Information**

Event Start Time: 15:58 Event Stop Time: 13:06

**Time Spent Monitoring**

Total (Stop - Start): 8 min

Cumulative (Total Time \* # of Crew Members): 16 min

Weight of Trash (lbs to one decimal point): empty bag: 0.1 oz

Standard Trash: 1.60 oz

Hazardous Material: φ 4.2 oz

Intractable Trash (estimated): φ

**Trash Types:**

Are hazardous materials present? Types? yes - globs of oil

Is intractable trash present? Types? no

Is kelp present? High or low presence? yes, high.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

plastic bottle & plastic pieces along crestline.  
globes of oil or tar along crestline - often near kelp  
sources: plastic from recreationers. oil globs from ocean?

Additional Notes: (weather, wildlife, etc.)

overcast. lots of gulls. big white tents coming down by monitor  
site btw LG 9 & 10! maintenance vehicles in parking lot.  
still trash by parking lot wall on sand.

**Post Event Check**

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 09/19/2016 13:23

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Point Dume Beach Location ID: MFAC3-PTD

Location Type (circle one): Beach / Harbor / Park

Field Crew Names: TL / JK

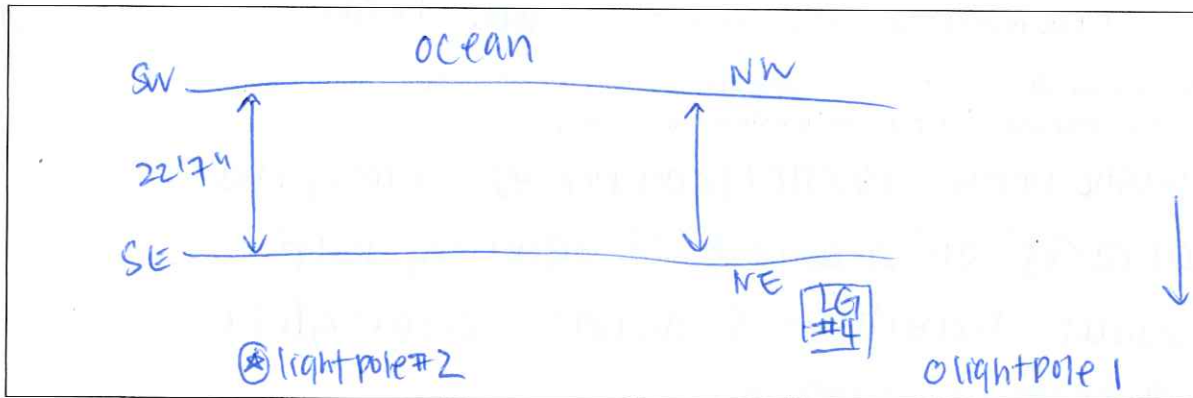
## Site Information

GPS Coordinates: NW 34° 00.610' -118° 48.990' NE 34° 00.611' -118° 48.987'

SW 34° 00.596' -118° 48.999' SE 34° 00.598' -118° 48.974'

Reference Point light pole # 2 south of parking kiosk

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: light pole # 2 south of parking kiosk - at intersection of westward beach rd & Birdview Ave.

no homeless. 7-10 ppl recreating near LG Tower & or walking through.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 13:32 Event Stop Time: 13:37

### Time Spent Monitoring

Total (Stop - Start): 5 min

Cumulative (Total Time \* # of Crew Members): 10 min

Weight of Trash (lbs to one decimal point): empty Bag 0.10Z

Standard Trash: 1.3 oz

Hazardous Material: 2.3 oz

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? yes. oil globs.

Is intractable trash present? Types? no.

Is kelp present? High or low presence? yes. high.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

plastic bottle. plastic/paper pieces along crest.

oil globs along crest & in sand by kelp.

sources: recreationers, diner. ocean globs.

Additional Notes: (weather, wildlife, etc.)

overcast. no wildlife.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



# TRASH MONITORING WORKSHEET

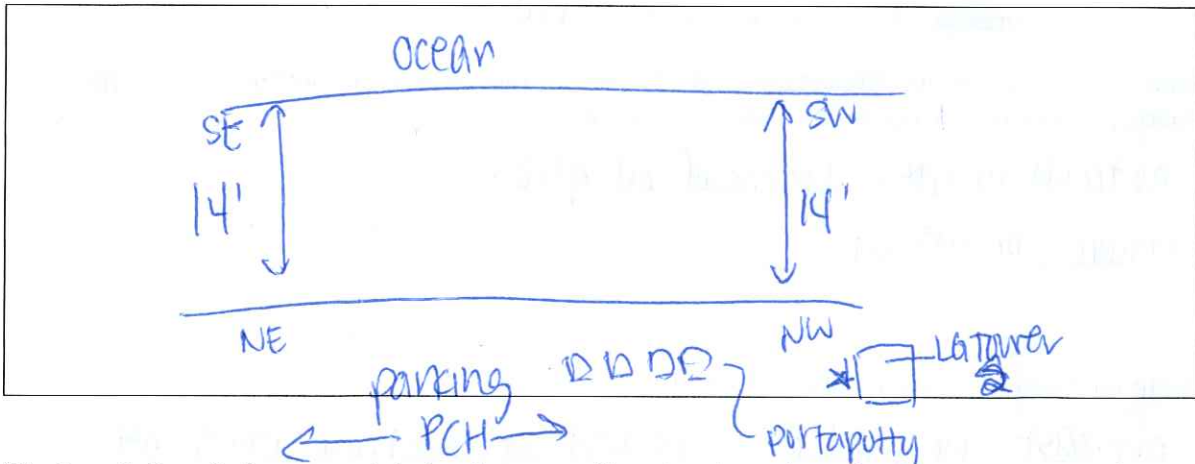
## General Information

Date/Time of Arrival (24 hr clock): 09/19/2016 13:56  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Dan Blocker Beach Location ID: MFACT-DBL  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 34°01.987' -118°44.002' NE 34°01.985' -118°44.002'  
 SW 34°01.985' -118°44.022' SE 34°01.983' -118°44.002'  
 \* Reference Point East wall of LG Tower 2

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: East wall of LG Tower 2

no homeless. 2 recreationers.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 14:05 Event Stop Time: 14:08

### Time Spent Monitoring

Total (Stop - Start): 3 min

Cumulative (Total Time \* # of Crew Members): 6 min

Weight of Trash (lbs to one decimal point): Empty Bag 0.102

Standard Trash: ∅

Hazardous Material: ~~0.102~~ 0.102 (BDL)

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? yes: 1 piece of oil glob

Is intractable trash present? Types? no

Is kelp present? High or low presence? no.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

no trash at site. 1 piece of oil glob.

source: clean oil.

Additional Notes: (weather, wildlife, etc.)

overcast. no wildlife. started sprinkling on & off

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



# TRASH MONITORING WORKSHEET

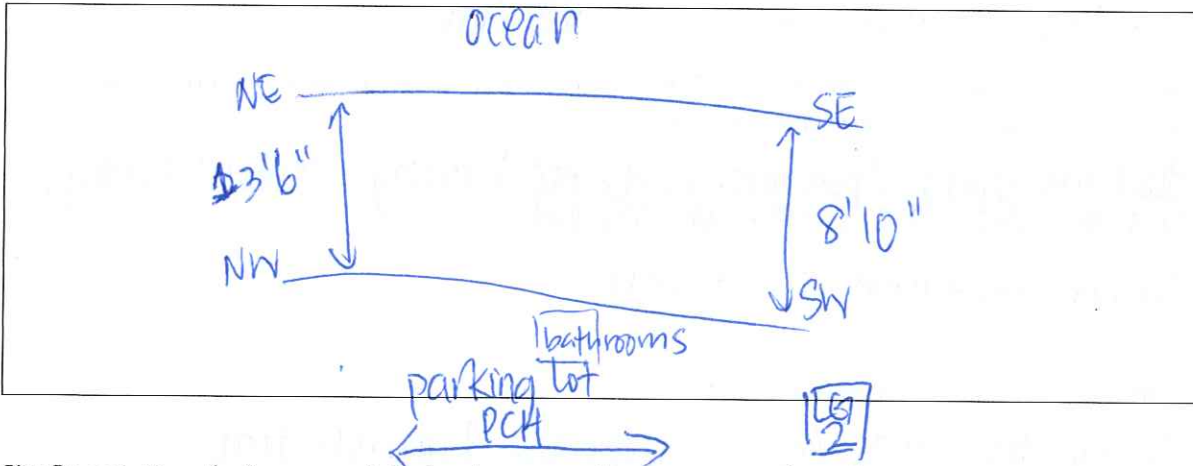
## General Information

Date/Time of Arrival (24 hr clock): 09/20/2016 12:21  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Malibu/Surfrider Beach Location ID: MFAC 5-MLS  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 34°02.103' -118°40.717' NE 34°02.103' -118°40.714'  
 SW 34°02.089' -118°40.724' SE 34°02.088' -118°40.724'  
 \* Reference Point Telephone pole by LG Tower 2

Sketch of Site: (label directions – eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: Telephone pole behind LG Tower 2

1 homeless person under LG Tower 2. Some by bathrooms  
~1 dozen ppl recreating by maintenance ~50 @ surfrider.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 12:34 Event Stop Time: 12:41

### Time Spent Monitoring

Total (Stop - Start): 5 min

Cumulative (Total Time \* # of Crew Members): 10 min

Weight of Trash (lbs to one decimal point): Empty bag 0.1 oz

Standard Trash: 1.0 oz

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? \_\_\_\_\_

Is intractable trash present? Types? no.

Is kelp present? High or low presence? yes. low.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

food & wrappers (peanuts, labels, etc.) along "crest" pretty flat loc. but near where ppl lay out.

sources: recreationers. homeless.

Additional Notes: (weather, wildlife, etc.)

sunny. few birds (gulls & pigeons). highish tide.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

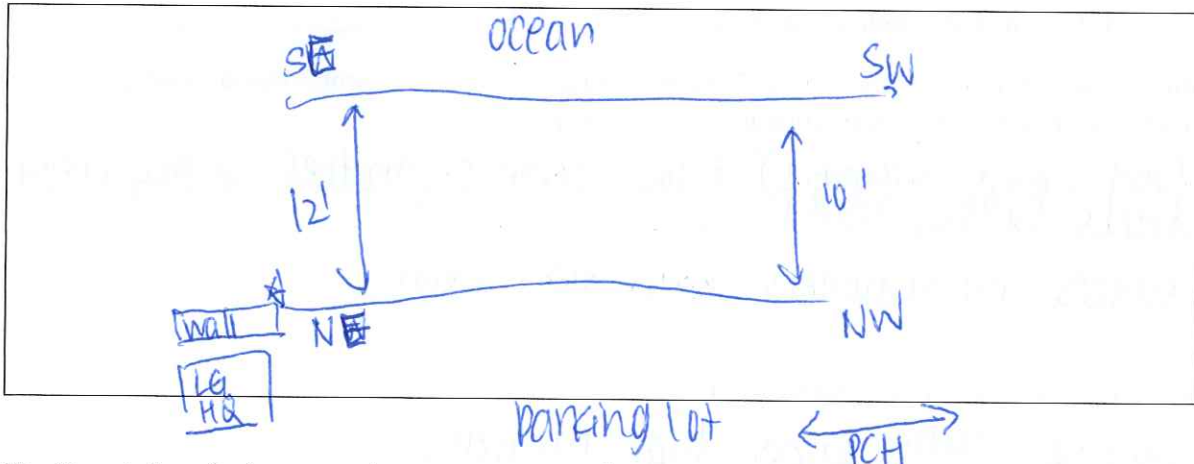
## General Information

Date/Time of Arrival (24 hr clock): 09/20/2016 13:05  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Topanga Beach Location ID: MFAC6-TOP  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 34°02.309' -118°34.932' NE 34°02.317' -118°34.915'  
 SW 34°02.308' -118°34.931' SE 34°02.315' -118°34.914'  
 \* Reference Point W edge of wall in front of LG HQ

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: West edge of wall in front of LG HQ  
no homeless. ~6 ppl in/near monit area. ~15-20 ppl on beach.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 13:11 Event Stop Time: 13:16

### Time Spent Monitoring

Total (Stop - Start): 5 min

Cumulative (Total Time \* # of Crew Members): 10 min

Weight of Trash (lbs to one decimal point): Empty bag 0.1 oz

Standard Trash: 1 oz.

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? No

Is intractable trash present? Types? No

Is kelp present? High or low presence? No

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

food (peels, wrappers) & toys - some cigarettes. along crest & rocks (sitting areas)

sources: recreationers. bathroom users.

Additional Notes: (weather, wildlife, etc.)

sunny. some birds. high-ish tide.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 09/21/2016 13:05

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Marina Beach Location ID: MFAC8-MAR

Location Type (circle one): Beach / Harbor / Park

Field Crew Names: TL / JR

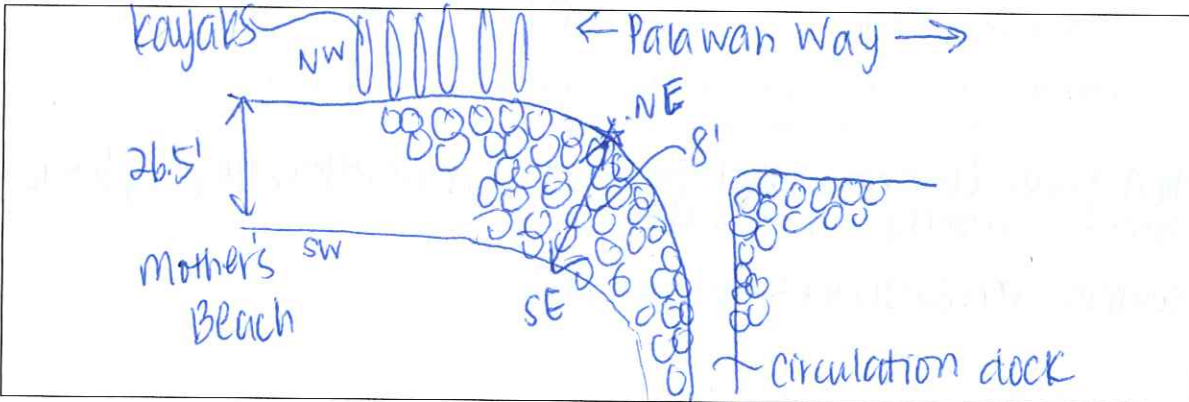
## Site Information

GPS Coordinates: NW 33°58.910' -118°27.358' NE 33°58.884' -118°27.350'

SW 33°58.896' -118°27.361' SE 33°58.884' -118°27.352'

\* Reference Point NE corner between Mothers Beach & Circ dock

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: where the circulation dock ends & turns towards Mothers Beach.

3 ppl walking in monit area. ~ 15 ppl on beach overall

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 13:30 Event Stop Time: 13:48

### Time Spent Monitoring

Total (Stop - Start): 10 min

Cumulative (Total Time \* # of Crew Members): 20 min

Weight of Trash (lbs to one decimal point): empty: 0.1, 0.1, 0.3 oz

Standard Trash: 2.6 oz + 2.1 oz + 4.1 oz (water)

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? no

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

food trash (wrappers, styrofoam, etc), cigarettes, toys (plastic pieces) mostly along rocks.

sources: recreationers. homeless?

Additional Notes: (weather, wildlife, etc.)

sunny. birds. high-ish tide. included edge of water by rocks. woman feeding birds. water was brown & foamy.  
↑  
homeless?

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

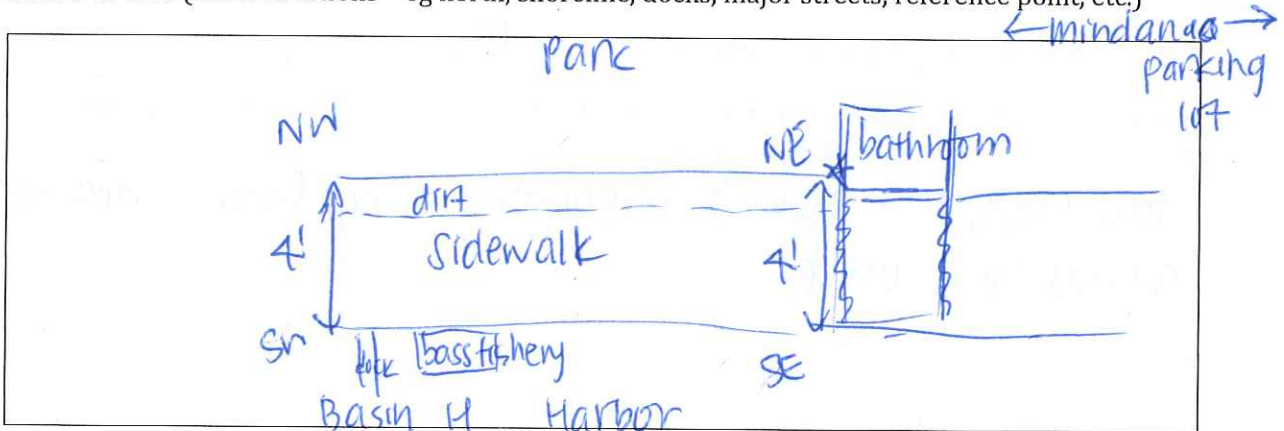
## General Information

Date/Time of Arrival (24 hr clock): 09/21/2016 14:00  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Burton Chace Park Location ID: MFAC 10-BCP  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JK

## Site Information

GPS Coordinates: NW 33° 58.576' -118° 26.750' NE 33° 58.584' -118° 26.738'  
 SW 33° 58.578' -118° 26.749' SE 33° 58.583' -118° 26.732'  
 \* Reference Point west edge of restrooms

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: \* west edge of restrooms  
 no homeless. no ppl in monit area. 3 ppl + dogs nearby



# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 14:07 Event Stop Time: 14:10

### Time Spent Monitoring

Total (Stop - Start): 3 min

Cumulative (Total Time \* # of Crew Members): 6 min

Weight of Trash (lbs to one decimal point): Empty bag = 0.102

Standard Trash: 0.502

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? no

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

food (caps, straws, gum) & cigarette along fence & dirt areas.

sources: park users

Additional Notes: (weather, wildlife, etc.)

sunny. dogs walked by owners.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



**TRASH MONITORING WORKSHEET**

94662

**General Information**

Date/Time of Arrival (24 hr clock): 09/21/2016 14:35

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Marina del Rey Harbor Location ID: MFAC9-MDR

Location Type (circle one): Beach / Harbor / Park

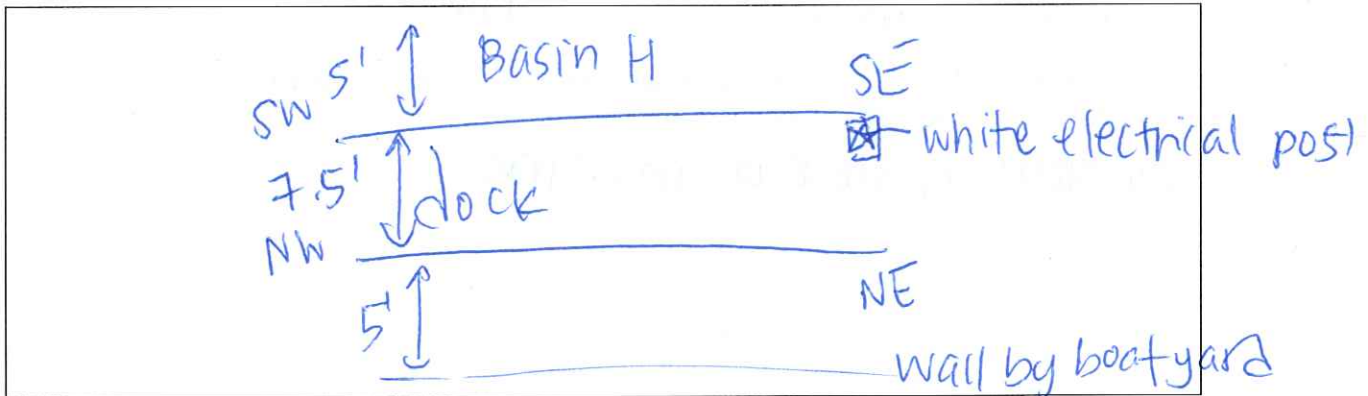
Field Crew Names: TL / JR

**Site Information**

GPS Coordinates: NW 33° 58.651' -118° 26.586' NE 33° 58.660' -118° 26.568'  
 SW 33° 58.649' -118° 26.585' SE 33° 58.659' -118° 26.568'

\* Reference Point white electrical post at SE corner of dock

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: white electrical post @ SE corner of dock walkway  
no homeless. no ppl. some ppl (2-3) in boatyard washing boat

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 14:43 Event Stop Time: 14:45

### Time Spent Monitoring

Total (Stop - Start): 2 min

Cumulative (Total Time \* # of Crew Members): 4 min

Weight of Trash (lbs to one decimal point): Empty bag: 0.102

Standard Trash: ∅

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? no.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

no trash on dock or in water.

Additional Notes: (weather, wildlife, etc.)

no wildlife. sunny

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

**TRASH MONITORING WORKSHEET**

**General Information**

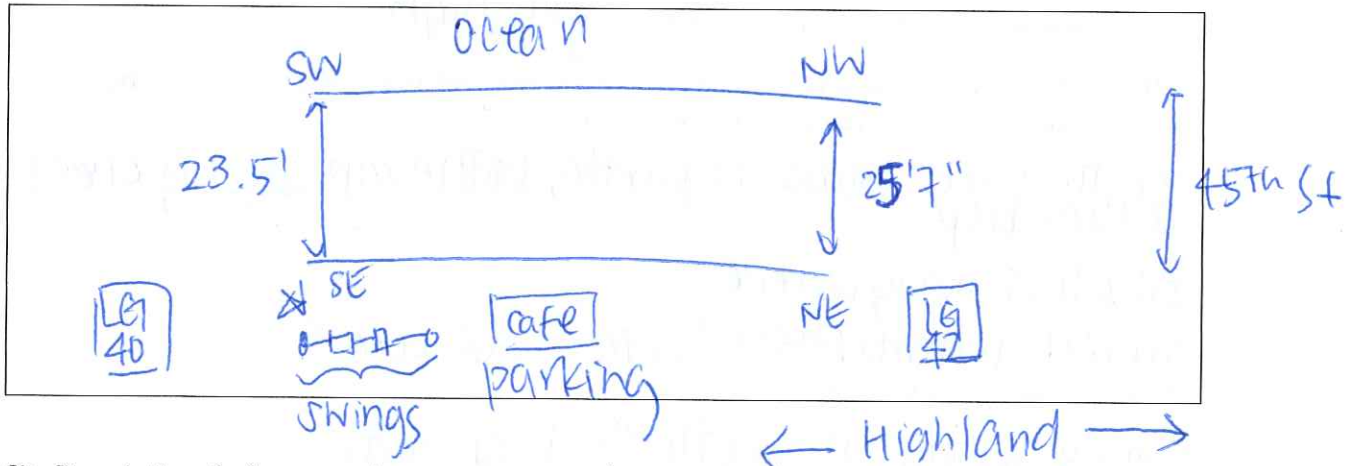
Date/Time of Arrival (24 hr clock): 09/22/2016 11:33  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Manhattan Beach Location ID: MFAC11-MAN  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JR

**Site Information**

GPS Coordinates: NW 33°54.166' -118°25.333' NE 33°54.166' -118°25.328'  
 SW 33°54.157' -118°25.325' SE 33°54.153' -118°25.321'

\* Reference Point S pole of swingset btw LG TOWERS 40 & 42

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: South pole of swingset south of cafe between LG Towers 40 & 42

no homeless - ~8 ppl near monit area, ~20 ppl on beach.  
~10 ppl at cafe

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 11:44 Event Stop Time: 12:01

### Time Spent Monitoring

Total (Stop - Start): 17 min

Cumulative (Total Time \* # of Crew Members): 34 min

Weight of Trash (lbs to one decimal point): empty bag: 0.10Z  
Standard Trash: 1.20Z + 1.71b log (wood 2x4 piece)  
Hazardous Material: 5.60Z  
Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? yes. oil globs

Is intractable trash present? Types? no.

Is kelp present? High or low presence? yes. high

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

plastic pieces, straw, cigarette, bottle cap along crest or near kelp.  
oil globs everywhere.  
sources: recreationers + cafe and ocean

Additional Notes: (weather, wildlife, etc.)

sunny. windy. no wildlife. high tide.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



**TRASH MONITORING WORKSHEET**

**General Information**

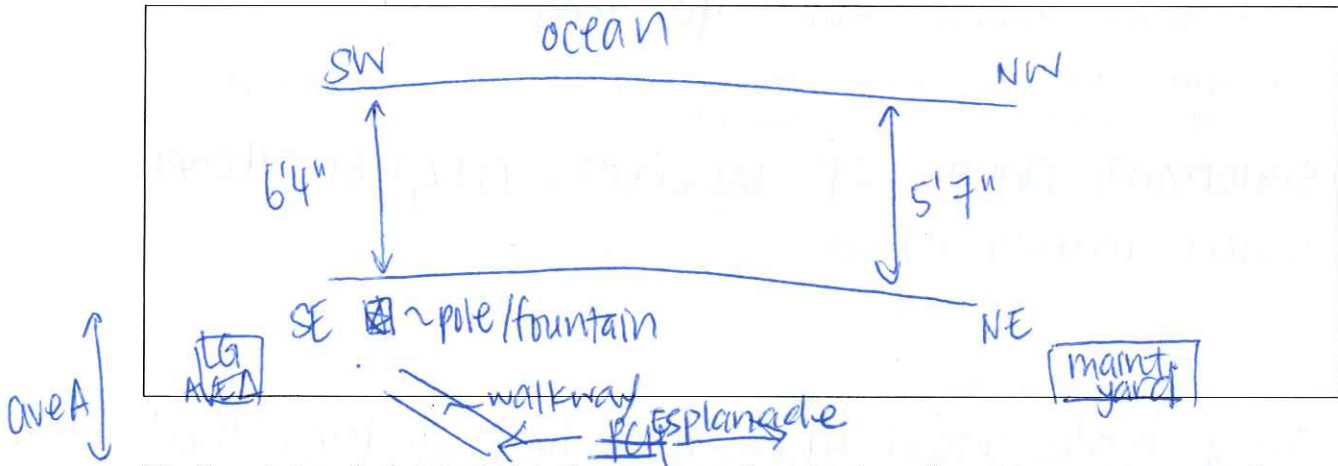
Date/Time of Arrival (24 hr clock): 09/22/2016 12:40  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Redondo Beach Location ID: MFAC12-RED  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JR

**Site Information**

GPS Coordinates: NW 33°49.614' -118°23.463' NE 33°49.615' -118°23.461'  
 SW 33°49.632' -118°23.464' SE 33°49.632' -118°23.462'

★ Reference Point pole/fountain (white) at base of ramp walkway  
btw maint yard & LG Ave A

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: pole/fountain at base of walkway N of LG Tower Ave A  
no homeless. 2 ppl recreating near maint area. lots on ped walkway.

**TRASH MONITORING WORKSHEET**

**Monitoring Information**

Event Start Time: 12:54 Event Stop Time: 12:58

Time Spent Monitoring

Total (Stop - Start): 4min

Cumulative (Total Time \* # of Crew Members): 8min

Weight of Trash (lbs to one decimal point): empty bag: 0.1oz

Standard Trash: 0.1oz (BDL)

Hazardous Material: 1.1oz

Intractable Trash (estimated): ∅

Trash Types:

Are hazardous materials present? Types? yes. oil globs

Is intractable trash present? Types? no

Is kelp present? High or low presence? yes. med.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

styrofoam, plastic cap by crest. oil globs all over.  
sources: recreationers.

Additional Notes: (weather, wildlife, etc.)

sunny windy lots of gulls high tide so high that  
monit area was basically only the crestline.

**Post Event Check**

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 09/22/2016 13:34

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Torrance Beach Location ID: MFAC13-TOR

Location Type (circle one): Beach / Harbor / Park

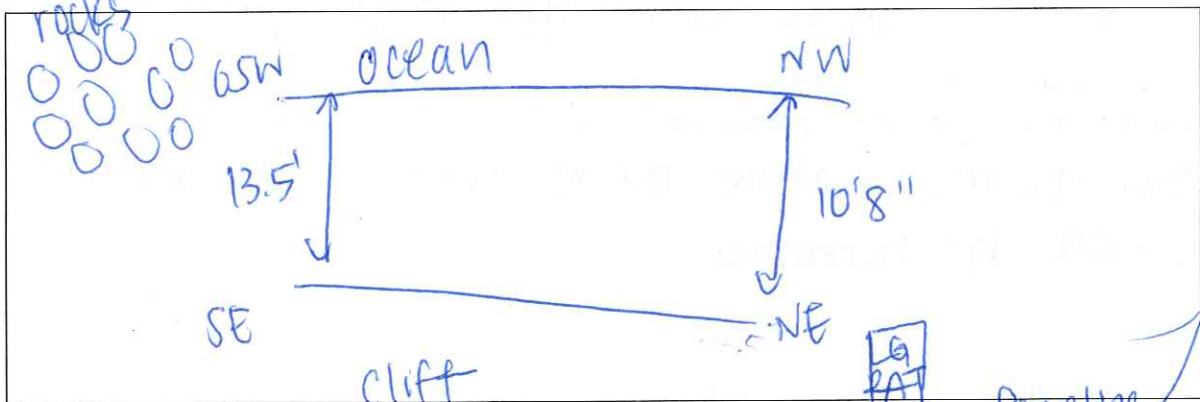
Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 33°48.280' -118°23.643' NE 33°48.279' -118°23.641'  
 SW 33°48.264' -118°23.650' SE 33°48.264' -118°23.647'

\* Reference Point last pole of fence along cliffs

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: last pole on fence along cliff.

no homeless. no ppl.



# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 13:39 Event Stop Time: 13:42

### Time Spent Monitoring

Total (Stop - Start): 3 min

Cumulative (Total Time \* # of Crew Members): 6 min

Weight of Trash (lbs to one decimal point): Empty bag: 0.1 oz

Standard Trash: 0.8 oz

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no.

Is kelp present? High or low presence? yes. high.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

food, plastic, cigarette along "crest" & near kelp.  
sources: ppl recreating.

Additional Notes: (weather, wildlife, etc.)

sunny no wildlife. high tide. lots of little flying  
bugs  
monit area basically all cresting due to high tide.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



**TRASH MONITORING WORKSHEET**

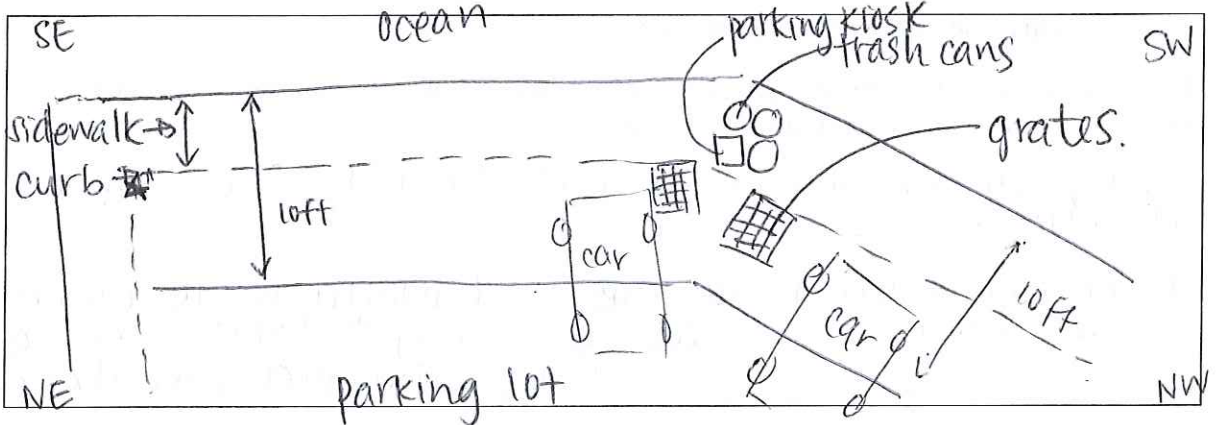
General Information

Date/Time of Arrival (24 hr clock): 8/22/2016 14:40  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Nicholas Canyon Beach Location ID: Eval 1 - Nic  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: Tiffany Lin / Juan Ramirez

Site Information

GPS Coordinates: NW 34° 02.565' -118° 54.932' NE 34° 02.564' -118° 54.912'  
 SW 34° 02.566' -118° 54.931' SE 34° 02.562' -118° 54.912'  
 Reference Point SE corner of parking lot @ curb. (\*)

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: SE corner of curb. Monit area extends the width of the sidewalk to the parking lot (total width = 10 ft).

3 trash cans + 1 parking meter in monit area, also 2 cars in area. total 9 cars in parking lot. ~ 10 ppl looking at surf or at picnic tables. no homeless ppl. also 2 grates in monit area where trash can fall through & collect.

**TRASH MONITORING WORKSHEET**

Monitoring Information

Event Start Time: 14:27 Event Stop Time: 14:41

Time Spent Monitoring

Total (Stop - Start): 14 min

Cumulative (Total Time \* # of Crew Members): 28 min

Weight of Trash (lbs to one decimal point): Empty bag: 0.00 lb.

Standard Trash: 0.20 lb

Hazardous Material: ∅

Intractable Trash (estimated): ∅

Trash Types:

Are hazardous materials present? Types? NO.

Is intractable trash present? Types? NO.

Is kelp present? High or low presence? NO.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly collected against the curb & corners, some by base of trash can.

mostly cigarettes, bottle caps, food-related waste (wrappers, straws, etc.) sources: ppl going to beach/checking surf/

Additional Notes: (weather, wildlife, etc.)

using portapotties. parked cars. picnic tables.

sunny. no wildlife picnic ppl by west side of parking lot. surfers on sidewalk watching surf (eating & drinking).

also trash past the sidewalks in bushes, prob from wind

**Post Event Check**

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 8/22/2016 15:15

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Zuma Beach Location ID: Eval 2 - ZUM

Location Type (circle one): Beach / Harbor / Park

Field Crew Names: Tiffany Lin / Juan Ramirez

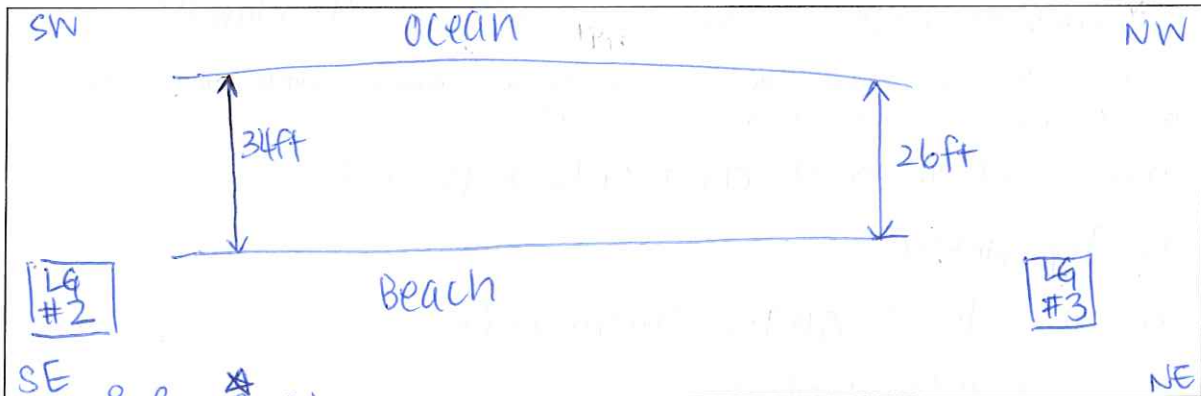
## Site Information

GPS Coordinates: NW 34°00.907' -118°49.369' NE 34°00.909' -118°49.365'

SW 34°00.893' -118°49.355' SE 34°00.897' -118°49.351'

Reference Point First volleyball court past zuma cafe (\*)

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



volleyball courts.

Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: 1st volleyball pole <sup>(S)</sup> past zuma cafe closest to water. monit. area btw lifeguard towers #2 & #3.

birds in general area, not in monit area. lots of beachgoers  
1 set of belongings in monit area.



# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 15:21 Event Stop Time: 15:31

### Time Spent Monitoring

Total (Stop - Start): 10 min

Cumulative (Total Time \* # of Crew Members): 20 min

Weight of Trash (lbs to one decimal point): empty 0.0016

Standard Trash: BDL (0.0016) - only 1 piece of plastic + 1 popped balloon

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? yes. ~ 10 clumps.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly along beach crest (where ppl sit)

mostly plastic.

sources: beach goers. Zuma Cafe

Additional Notes: (weather, wildlife, etc.)

sunny. birds (crows) present. ~ 15 ppl immed adjacent to monit area but many more at beach

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

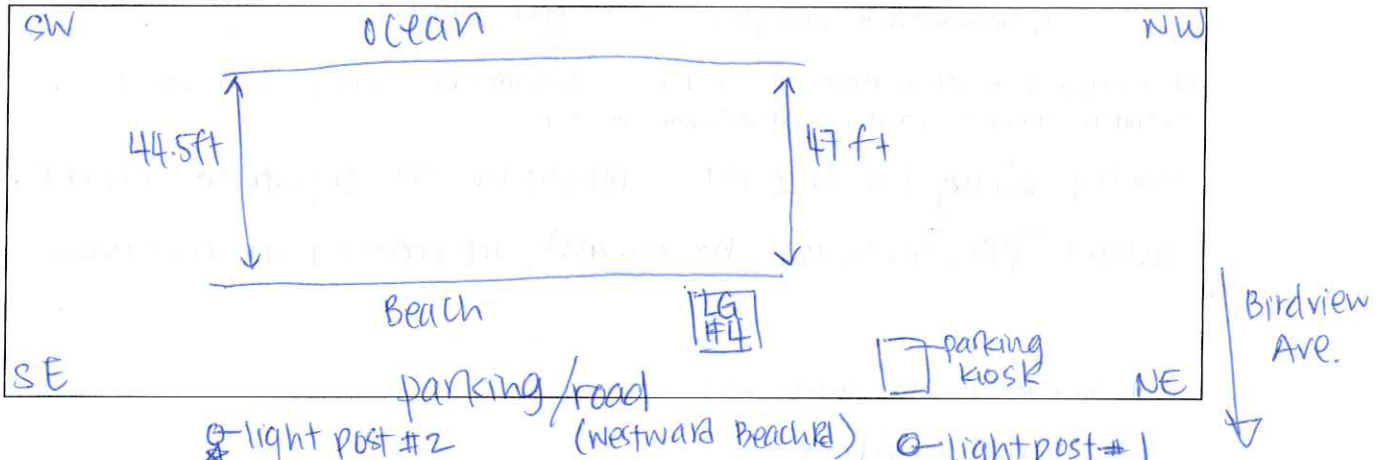
## General Information

Date/Time of Arrival (24 hr clock): 8/22/2016 15:57  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Point Dume Location ID: Eval 3 - PTD  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / SR

## Site Information

GPS Coordinates: NW 34° 00.619' -118° 49.005' NE 34° 00.624' -118° 48.998'  
 SW 34° 00.606' -118° 48.993' SE 34° 00.611' -118° 48.986'  
 ★ Reference Point light post #2

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: light post #2 S of parking kiosk @ intersection of Birdview Ave & Westward Beach Rd by The Sunset Restaurant

1 homeless person laying under LG tower #4. ~9 ppl in/around monit area. more beach recreation North of Birdview ave closer to point ice cream truck drove by N. of Birdview Ave.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 15:55 Event Stop Time: 16:06

### Time Spent Monitoring

Total (Stop - Start): 11 min

Cumulative (Total Time \* # of Crew Members): 22 min

Weight of Trash (lbs to one decimal point): Empty: 0.0016

Standard Trash: 0.40 lb

Hazardous Material: none

Intractable Trash (estimated): none

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? yes. low.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly along beach crest. plastic bottles. styrofoam pieces.

sources: ppt, The Sunset restaurant, ice cream truck consumers.

Additional Notes: (weather, wildlife, etc.)

sunny no wildlife.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



# TRASH MONITORING WORKSHEET

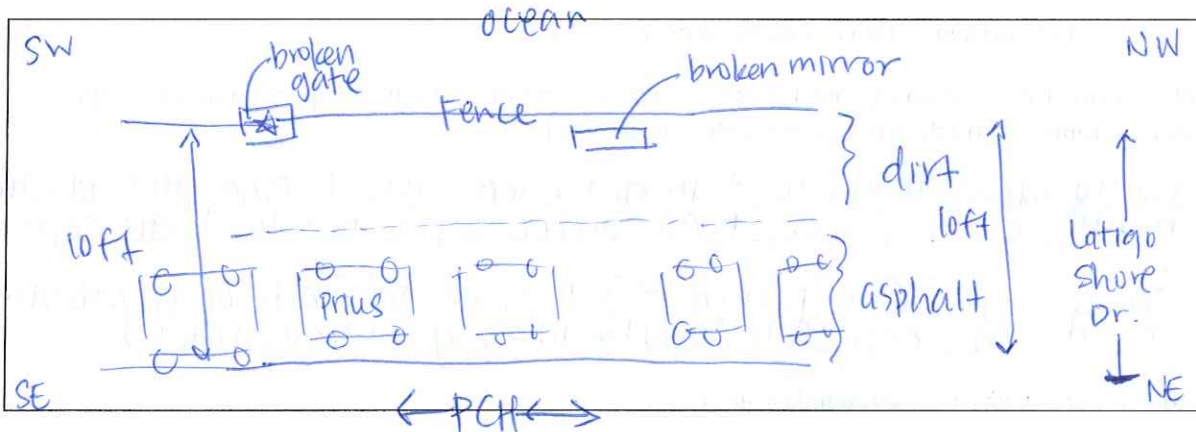
## General Information

Date/Time of Arrival (24 hr clock): 8/22/2016 16:23  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Latigo Shores Location ID: Eval4-LTS  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 34° 01.872' -118° 44.978' NE 34° 01.875' -118° 44.978'  
 SW 34° 01.879' -118° 44.964' SE 34° 01.880' -118° 44.960'  
 \* Reference Point Broken gate in fence (see SW GPS)

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: broken gate (from site visit) along fence S of Latigo Shore Dr.  
monit area is asphalt + dirt parking area along PCH.

no homeless. many parked cars in & around monit area w/ ppl  
coming & going to cars.

**TRASH MONITORING WORKSHEET**

**Monitoring Information**

Event Start Time: 16:30 Event Stop Time: 16:52

**Time Spent Monitoring**

Total (Stop - Start): 22 min

Cumulative (Total Time \* # of Crew Members): 44 min

Weight of Trash (lbs to one decimal point): Empty: 0.00 lb

Standard Trash: 1.16 lb

Hazardous Material: 2.10 lb

Intractable Trash (estimated): ~ 20 lb est. (broken glass mirror)

**Trash Types:**

Are hazardous materials present? Types? Yes. broken glass pieces.

Is intractable trash present? Types? Yes. large piece of mirror. <sup>34° 01.874'</sup> -118° 44.971'

Is kelp present? High or low presence? No.

**Monitoring Observations:** (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly along fence line & in dirt area. lots of cigarettes, plastic bottles, glass pieces, foam pieces, paper towels, bottle caps.

sources: ppl/cars parked @ PCH going to beach or private area. cars driving along PCH (maybe littering esp cigarettes)

**Additional Notes:** (weather, wildlife, etc.)

sunny. no wildlife. 5 cars in monit area more along road ~ 5 ppl walked by.

did not inspect trash underneath parked cars

**Post Event Check**

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



# TRASH MONITORING WORKSHEET

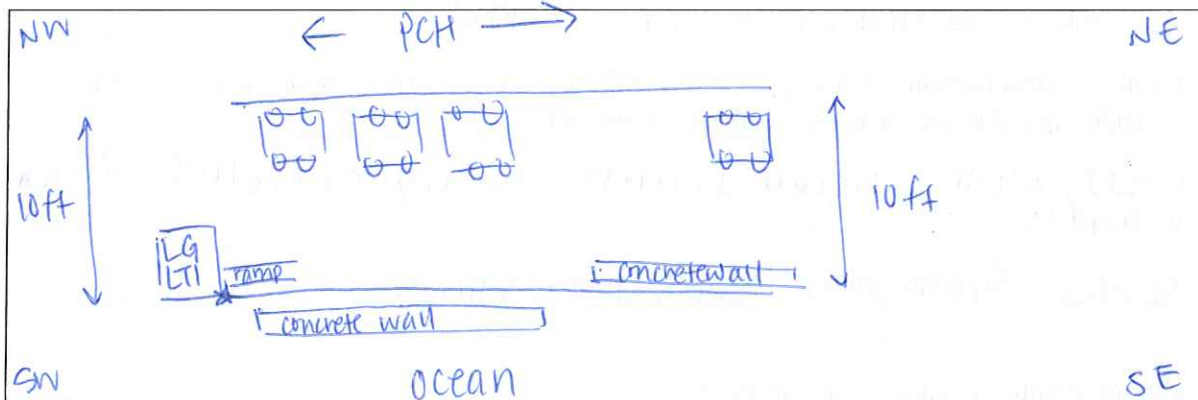
## General Information

Date/Time of Arrival (24 hr clock): 8/22/2016 17:20  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Las Tunas Beach Location ID: EWALS-LTN  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TU / JR

## Site Information

GPS Coordinates: NW 34°02.361' -118°35.834' NE 34°02.363' -118°35.814'  
 SW 34°02.357' -118°35.832' SE 34°02.361' -118°35.814'  
 \* Reference Point E edge of LG LTI excl. ramp.

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: E face of LG tower LTI (not ramp). Monit area is parking area along concrete wall.

no homeless. 5-6 cars in lot, none in monit area some came & went. ppl using porta potties on lot also. 2 bicyclists.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 17:28 Event Stop Time: 17:40

### Time Spent Monitoring

Total (Stop - Start): 12 min

Cumulative (Total Time \* # of Crew Members): 24 min

Weight of Trash (lbs to one decimal point): Empty 0.00 lb

Standard Trash: 0.36 lb

Hazardous Material: none

Intractable Trash (estimated): none

### Trash Types:

Are hazardous materials present? Types? no.

Is intractable trash present? Types? no.

Is kelp present? High or low presence? no.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly along concrete barriers. mostly cigarettes & straw wrappers.

sources: beach goers, cars, portapotties.

Additional Notes: (weather, wildlife, etc.)

sunny. no homeless. no wildlife. other food trash present ~~at~~ outside monit area but not collected (fast food wrappers).

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

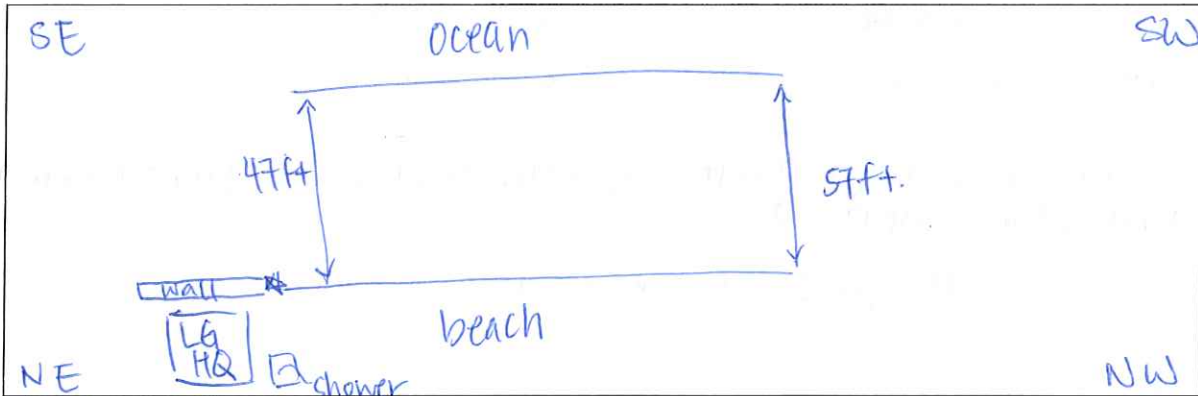
## General Information

Date/Time of Arrival (24 hr clock): 8/22/2016 17:48  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Topanga Beach Location ID: Eval6 - Top  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 34°02.305' -118°34.930' NE 34°02.315' -118°34.914'  
 SW 34°02.298' -118°34.923' SE 34°02.308' -118°34.910'  
 \* Reference Point W. edge of wall in front of LG HQ

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: West edge of wall in front of LG HQ. monit area includes rocky area & sandy area.

no homeless ~10 ppl in/around monit area. more in other areas of beach. more ppl coming as we left.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 18:01 Event Stop Time: 18:09

### Time Spent Monitoring

Total (Stop - Start): 8 min

Cumulative (Total Time \* # of Crew Members): 16 min

Weight of Trash (lbs to one decimal point): Empty 0.00 lb

Standard Trash: 0.62 lb

Hazardous Material: none

Intractable Trash (estimated): none

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? yes. low.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly along beach crest. mostly food waste (watermelon rinds, food wrappers)

sources: beach goers. LG HQ. shower

Additional Notes: (weather, wildlife, etc.)

sunny. seagulls.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

Page 262 of 1117



# TRASH MONITORING WORKSHEET

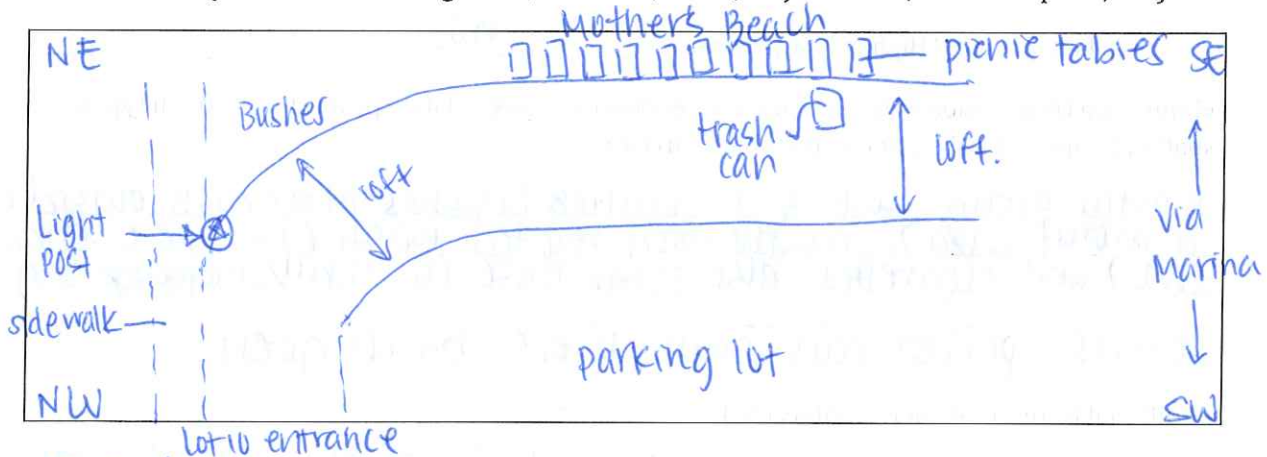
## General Information

Date/Time of Arrival (24 hr clock): 8/23/2016 14:58  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Marina Beach (Lot 10) Location ID: Eva18\_Mar  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 33°58.902' -118°27.515' NE 33°58.903' -118°27.513'  
 SW 33°58.890' -118°27.521' SE 33°58.890' -118°27.520'  
 \* Reference Point Light pole @ end of lot 10 entry

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: light pole along sidewalk at end of entryway just before road curves. Monit area is 10 ft of roadway in parking lot by picnic tables  
~10 ppl at picnic tables. ~2 dozen beachgoers. ~50 parked cars. no homeless.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 15:16 Event Stop Time: 15:25

### Time Spent Monitoring

Total (Stop - Start): 9 min

Cumulative (Total Time \* # of Crew Members): 18 min

Weight of Trash (lbs to one decimal point): Empty 0.00lb

Standard Trash: BDL [0.08 lb using kitchen scale]

Hazardous Material: none

Intractable Trash (estimated): none

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? no.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly along curb & in bushes (bushes above curb outside of monit area). mostly food related waste (wrappers, straws, fork) and cigarettes. also some misc (hairball, luggage tag)

sources: parked cars. picnic users. beach quers.

Additional Notes: (weather, wildlife, etc.)

Sunny. no wildlife. rental tent for surfboards etc. on sidewalk by monit area.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 8/23/2016 15:30

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: MDR Harbor Location ID: EVAL9-MDR

Location Type (circle one): Beach / Harbor / Park

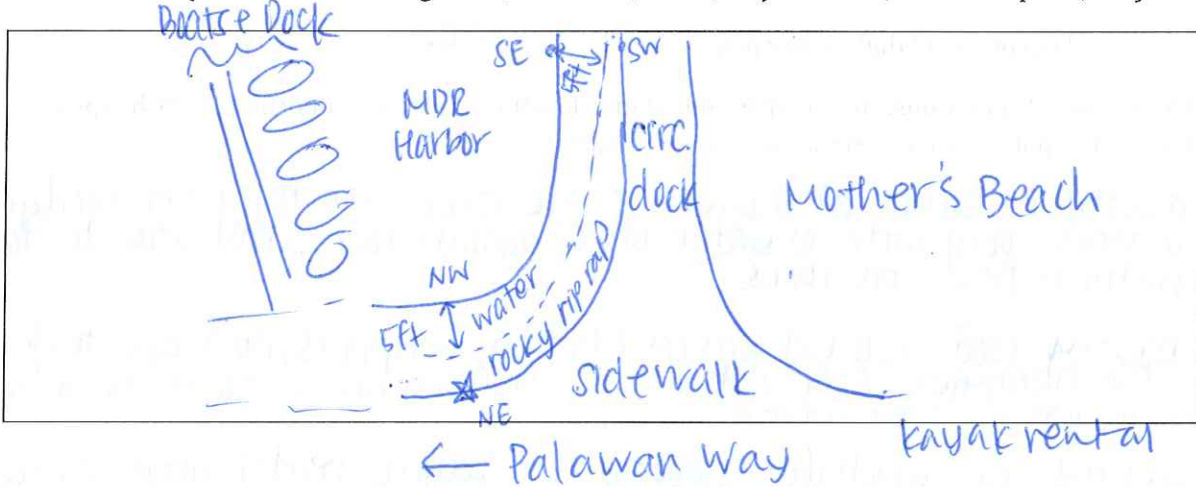
Field Crew Names: TL / JK

## Site Information

GPS Coordinates: NW 33°58.880' -118°27.348' NE 33°58.881' -118°27.347'  
 SW 33°58.872' -118°27.361' SE in water. no GPS.

★ Reference Point NE edge of fence that runs along circulation dock

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: end of fence on NE side along dock/Palawan Way on Harbor side. monit area includes rip rap + 5ft of water

boat docks on the east. Mother's Beach on west. no homeless. no ppl on walkway or nearby on beach - 3 ppl on one of the boats.



**TRASH MONITORING WORKSHEET**

**Monitoring Information**

Event Start Time: 15:51 Event Stop Time: 16:05

Time Spent Monitoring

Total (Stop - Start): 14 min

Cumulative (Total Time \* # of Crew Members): 28 min

Weight of Trash (lbs to one decimal point): Empty 0.00 lb

Standard Trash: 2.38 lb

Hazardous Material: none

Intractable Trash (estimated): none

Trash Types:

Are hazardous materials present? Types? no.

Is intractable trash present? Types? no.

Is kelp present? High or low presence? no.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly @ corner of Palawan & circ dock - mostly on or wedged in rocks. very little in water unless against rocks. prob due to tides pushing trash on rocks.

mostly food-related waste (bottles, wrappers, etc) and toys. some cigarettes. socks/shoe. sources: beach goers. boat dock/users.

Additional Notes: (weather, wildlife, etc.)

shiny. no wildlife. nobody in kayak rental area. some maintenance ppl by bathroom.

**Post Event Check**

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



# TRASH MONITORING WORKSHEET

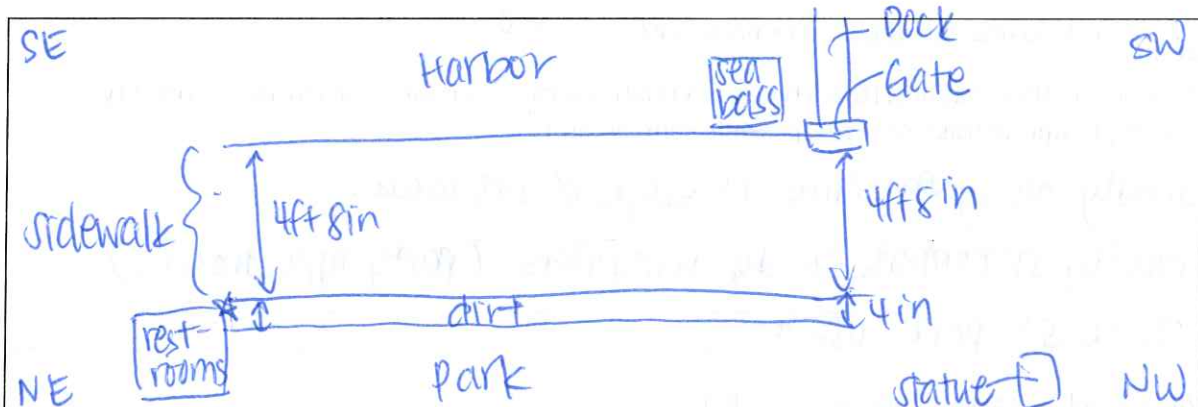
## General Information

Date/Time of Arrival (24 hr clock): 8/23/2016 16:42  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Burton Chace Park Location ID: Eval 10 - BCP  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TU / JK

## Site Information

GPS Coordinates: NW 33°58.575' -118°26.749' NE 33°58.584' -118°26.732'  
 SW 33°58.574' -118°26.749' SE 33°58.583' -118°26.732'  
 \* Reference Point W face of restroom

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: West face of restrooms. monit area incl sidewalk only.

no homeless. 2 ppl in monit area many more around or passing by. 2 dogs passed area. many more nearby.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 16:48 Event Stop Time: 17:08

### Time Spent Monitoring

Total (Stop - Start): 12 min

Cumulative (Total Time \* # of Crew Members): 24 min

Weight of Trash (lbs to one decimal point): empty 0.00lb

Standard Trash: BPL [0.09 lb using kitchen scale]

Hazardous Material: none

Intractable Trash (estimated): none

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? no

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly along fence line or edge of sidewalk.

mostly streamers, candy wrappers (party type trash?)

sources: park users

Additional Notes: (weather, wildlife, etc.)

sunny. ~6 dogs.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

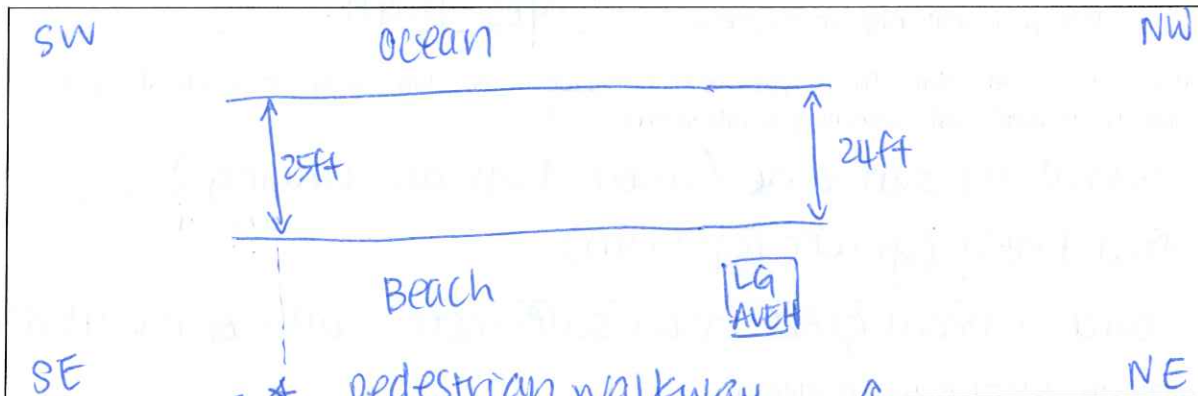
## General Information

Date/Time of Arrival (24 hr clock): 8/24/2016 14:34  
 Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation  
 Location Name: Redondo Beach Location ID: Eval 11 - Red  
 Location Type (circle one): Beach / Harbor / Park  
 Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 33°49.214' -118°23.455' NE 33°49.214' -118°23.450'  
 SW 33°49.198' -118°23.457' SE 33°49.197' -118°23.451'  
 \* Reference Point pole @ bottom of access ramp

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Avenue I ↑

Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: pole @ bottom of access ramp btw Ave H & Ave I.  
monit area extends from Ref pole twd LG Tower Ave H.  
no homeless. many beach goers (adults & kids). ~5 kids w/toys in monit area.



# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 14:45 Event Stop Time: 14:53

### Time Spent Monitoring

Total (Stop - Start): 8 min

Cumulative (Total Time \* # of Crew Members): 16 min

Weight of Trash (lbs to one decimal point): Empty 0.00 lb

Standard Trash: 0.12 lb

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no.

Is intractable trash present? Types? no.

Is kelp present? High or low presence? yes. high.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly by surf zone (where kids are playing)

food trash (juices-capt sun)

sources: beach goers. food sales/cafe south of monit area

Additional Notes: (weather, wildlife, etc.)

sunny. gulls.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

**TRASH MONITORING WORKSHEET**

**General Information**

Date/Time of Arrival (24 hr clock): 8/24/2016 15:22

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Torrance Beach Location ID: Eval 12 - Tor

Location Type (circle one): Beach / Harbor / Park

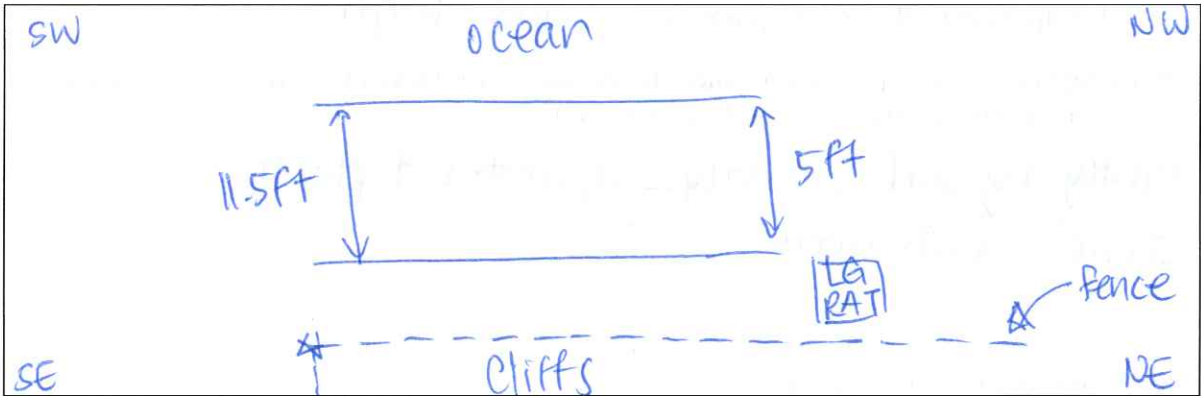
Field Crew Names: TL / JR

**Site Information**

GPS Coordinates: NW 33°48.295' -118°23.638' NE 33°48.295' -118°23.638'  
 SW 33°48.280' -118°23.643' SE 33°48.280' -118°23.642'

★ Reference Point end of fence @ bottom of cliff

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Ref: end of fencing (S) @ bottom of residences/cliff near  
Lei Tower RAT.

no homeless. 4 ppl in area. ~15 ppl in vicinity.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 15:29 Event Stop Time: 15:35

### Time Spent Monitoring

Total (Stop - Start): 6 min

Cumulative (Total Time \* # of Crew Members): 12 min

Weight of Trash (lbs to one decimal point): Empty: 0.00 lb

Standard Trash: 0.12 lb

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? yes. high.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

mostly by surf. mostly cigarettes & plastic.  
source: beach goers.

Additional Notes: (weather, wildlife, etc.)

sunny. no wildlife. short drst btw HIL & LTL.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 09/28/2016 14:12

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Nicholas Canyon Beach Location ID: EVAL1-NIC

Location Type (circle one): Beach / Harbor / Park

Field Crew Names: TL / JR

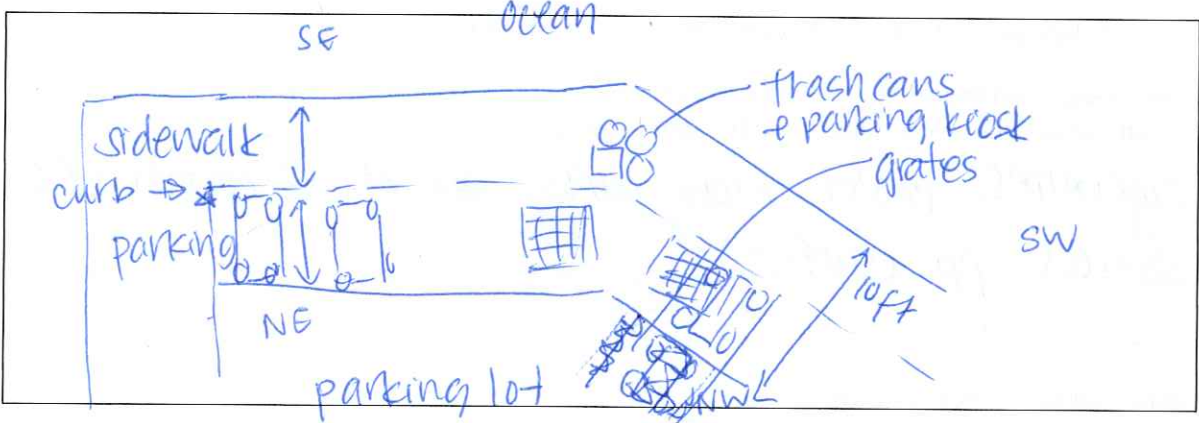
## Site Information

GPS Coordinates: NW 34°02.585' -118°54.929' NE 34°02.564' -118°54.913'

SW 34°02.563' -118°54.928' SE 34°02.520' -118°54.912'

\* Reference Point SE corner of parking lot @ curb

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: SE corner of parking lot @ curb.

no homeless, 12 cars, 3m mont area



# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 14:22 Event Stop Time: 14:29

### Time Spent Monitoring

Total (Stop - Start): 7min

Cumulative (Total Time \* # of Crew Members): 14min

### Weight of Trash (lbs to one decimal point):

Standard Trash: 5.2oz. empty: 0.3oz

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? no.

### Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

cigarettes, paper along curbs, esp at SE corner of curbs  
sources: ppl (surfers)

### Additional Notes: (weather, wildlife, etc.)

sunny. 1 dog. lots of trash in bushes beyond sidewalk.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



**TRASH MONITORING WORKSHEET**

**General Information**

Date/Time of Arrival (24 hr clock): 09/28/2016 14:46

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Zuma Beach Location ID: Eval 2 - Zum

Location Type (circle one): Beach / Harbor / Park

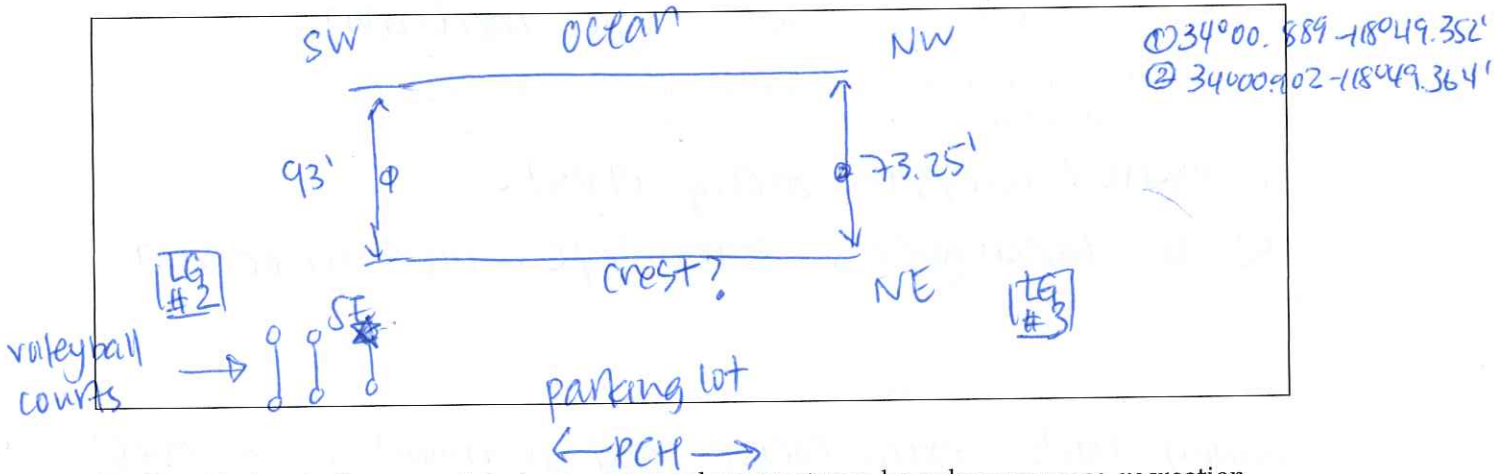
Field Crew Names: TL / JR

**Site Information**

GPS Coordinates: NW 34° 00.898' -118° 49.372' NE 34° 00.907' -118° 49.361'  
 SW 34° 00.884' -118° 49.357' SE 34° 00.895' -118° 49.346'

Reference Point First volleyball court ~~past~~ SE of Zuma Cafe

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: 1st volleyball court south of Zuma Cafe between LG towers 2 & 3

no homeless. ~ 5 ppl in monit area. ~ 25 on beach

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 15:11 Event Stop Time: 15:16

### Time Spent Monitoring

Total (Stop - Start): 5 min

Cumulative (Total Time \* # of Crew Members): 10 min

### Weight of Trash (lbs to one decimal point):

Standard Trash: 1.1 oz empty: 0.3 oz

Hazardous Material: 1.3 oz empty: 0.1 oz

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? yes. oil gloves.

Is intractable trash present? Types? no.

Is kelp present? High or low presence? yes. medium.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

napkins & wrappers along crest.  
source: beachgoers. zuma cafe. oil from ocean.

Additional Notes: (weather, wildlife, etc.)

sunny. birds extra coarse sand in monit area. crest  
seems further back. perhaps due to recent high tides.  
lifeguard said major erosion & rebuild lately.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

Page 276 of 1117

# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 09/28/2016 13:15:40

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Point Dume Beach Location ID: Eval3\_PTD

Location Type (circle one): Beach / Harbor / Park

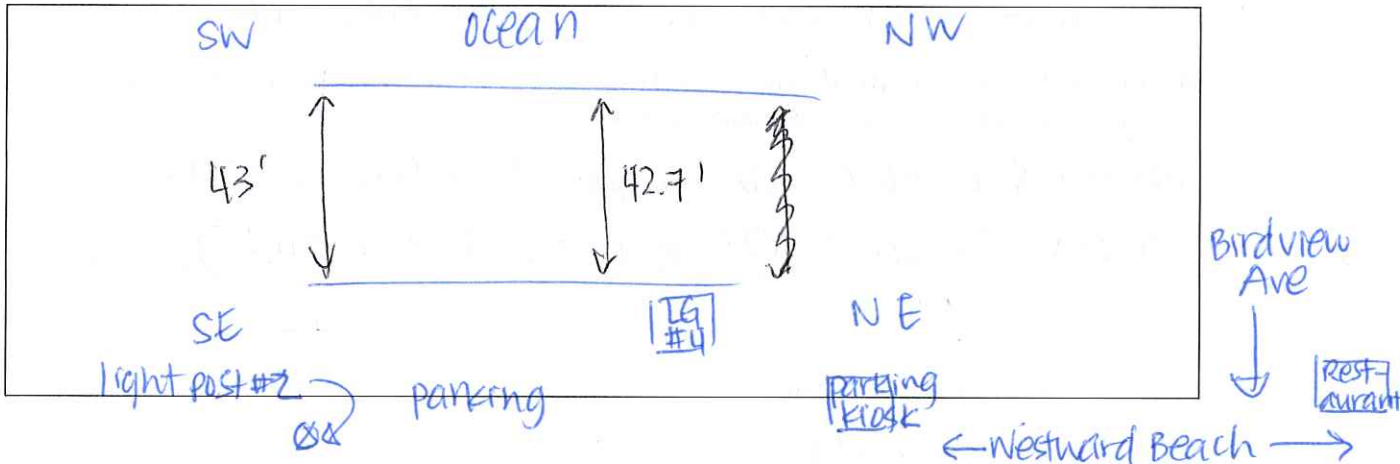
Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 34°00.618' -118°04.004' NE 34°00.623' -118°04.997'  
 SW 34°00.607' -118°04.994' SE 34°00.610' -118°04.985'

Reference Point light post #2

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: light post #2 south of parking kiosk  
no homeless. 1 person in monit area. 20+ ppl on beach.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 15:48

Event Stop Time: 15:54

### Time Spent Monitoring

Total (Stop - Start): 6 min

Cumulative (Total Time \* # of Crew Members): 12 min

### Weight of Trash (lbs to one decimal point):

Standard Trash: 8.7oz + 1 lb 1.1oz - 2x empty 0.3

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? no. yes. low.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

clothes & sandals. food wrappers - along crest.

sources: beach greers. restaurant nearby.

Additional Notes: (weather, wildlife, etc.)

sunny. no wildlife.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 09/28/2016 16:12

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Latigo shores Location ID: eval4-LTS

Location Type (circle one): Beach / Harbor / Park

Field Crew Names: TL / JR

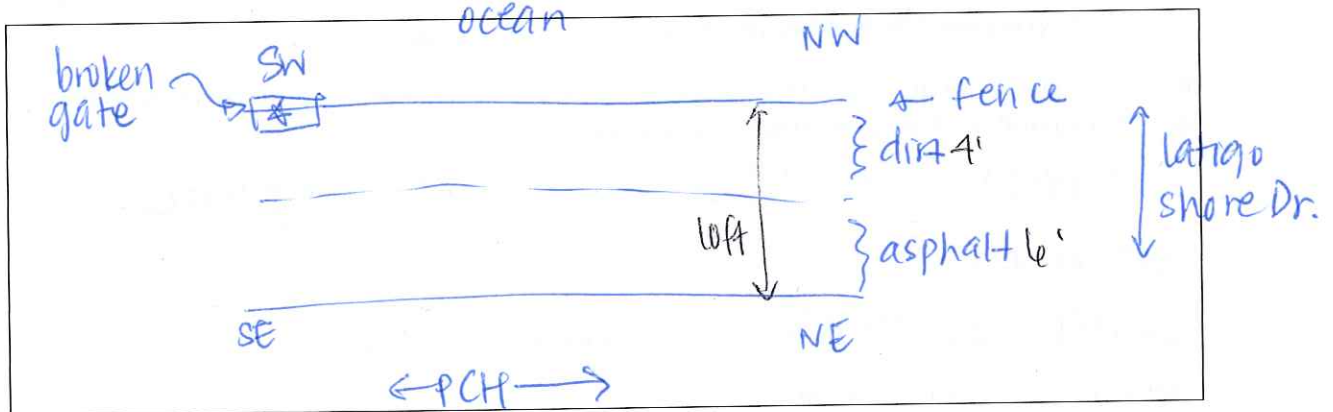
## Site Information

GPS Coordinates: NW 34° 01.874' -118° 44.979' NE 34° 01.873' -118° 44.978'

SW 34° 01.877' -118° 44.960' SE 34° 01.879' -118° 44.961'

Reference Point broken gate in fence

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: broken gate in fence.

no homeless. no ppl ~ 3 cars parked in area

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 16:17 Event Stop Time: 16:31

### Time Spent Monitoring

Total (Stop - Start): 14 min

Cumulative (Total Time \* # of Crew Members): 28 min

### Weight of Trash (lbs to one decimal point):

Standard Trash: 0.88 lb empty (0.4 lb)

Hazardous Material: 0.82 lb 0

Intractable Trash (estimated): 0

### Trash Types:

Are hazardous materials present? Types? yes. broken glass.

Is intractable trash present? Types? no

Is kelp present? High or low presence? no.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

cigarettes, rubber & plastic pieces along fence

broken glass.

sources: cars on pch & cars parked/ppl.

Additional Notes: (weather, wildlife, etc.)

sunny. no wildlife.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

**TRASH MONITORING WORKSHEET**

**General Information**

Date/Time of Arrival (24 hr clock): 09/28/2016 14:56

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Las Tunas Beach Location ID: Evals-LTN

Location Type (circle one): Beach / Harbor / Park

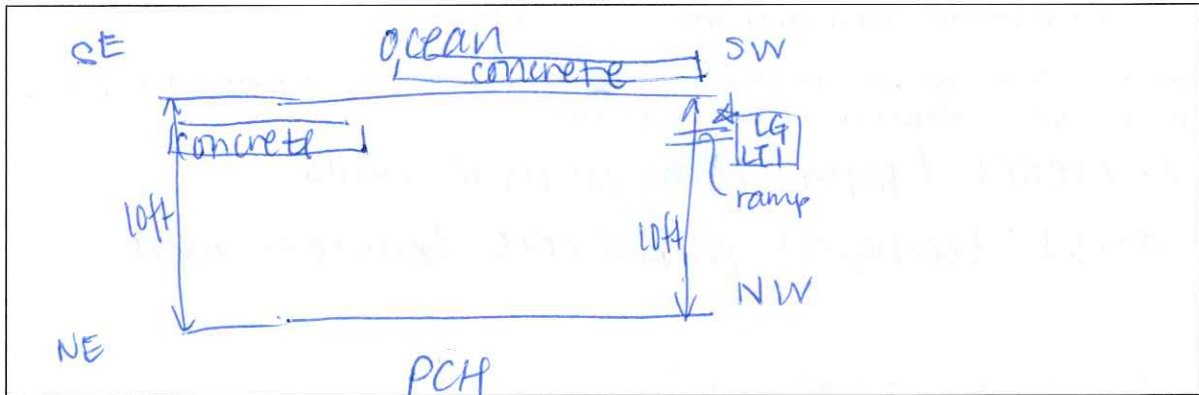
Field Crew Names: TJ / JR

**Site Information**

GPS Coordinates: NW 34°02.359' -118°35.834' NE 34°02.361' -118°35.814'  
 SW 34°02.357' -118°35.834' SE 34°02.360' -118°35.815'

\* Reference Point East edge of LG LTI excl. ramp

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: east edge of LG LTI excluding ramp.

no homeless. 2 ppl. 3 cars w/ ppl inside.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 17:04 Event Stop Time: 17:11

### Time Spent Monitoring

Total (Stop - Start): 7min

Cumulative (Total Time \* # of Crew Members): 14min

### Weight of Trash (lbs to one decimal point):

Standard Trash: 3.7 oz.

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no.

Is intractable trash present? Types? no.

Is kelp present? High or low presence? no.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

cigarettes & paper along concrete walls.  
sources: beachgoers. parked cars. bathroom users.

Additional Notes: (weather, wildlife, etc.)

sunny no wildlife.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 09/28/2016 17:20

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Topanga Beach Location ID: Eval6\_top

Location Type (circle one): Beach / Harbor / Park

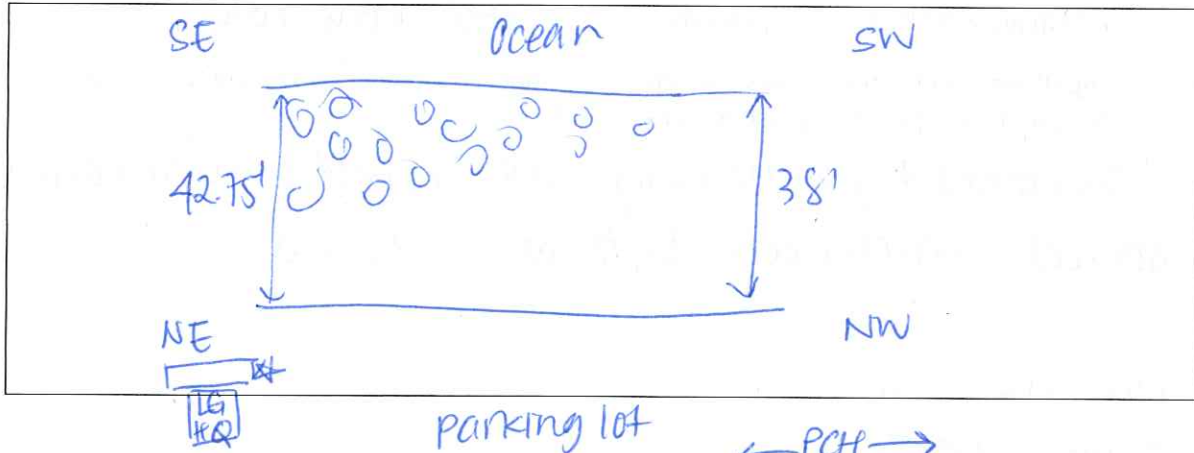
Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 34°02.305' -118°34.930' NE 34°02.315' -118°34.915'  
 SW 34°02.308' -118°34.924' SE 34°02.309' -118°34.911'

\* Reference Point west edge of wall in front of LG HQ

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: west edge of wall in front of LG HQ  
no homeless. 4 ppl in monit area, ~10 ppt at beach

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 17:25

Event Stop Time: 17:29

### Time Spent Monitoring

Total (Stop - Start): 4 min

Cumulative (Total Time \* # of Crew Members): 8 min

### Weight of Trash (lbs to one decimal point):

Standard Trash: 0.302 (BDL)

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no.

Is intractable trash present? Types? no.

Is kelp present? High or low presence? yes. very low.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

2 cigarettes & plastic ring. along crest or near rocks.  
sources: beach goers. bathroom. LG HQ

Additional Notes: (weather, wildlife, etc.)

sunny. 1 dog.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 09/27/2016 15:33

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Marina Beach (Lot 10) Location ID: eval8-mar

Location Type (circle one): Beach / Harbor / Park

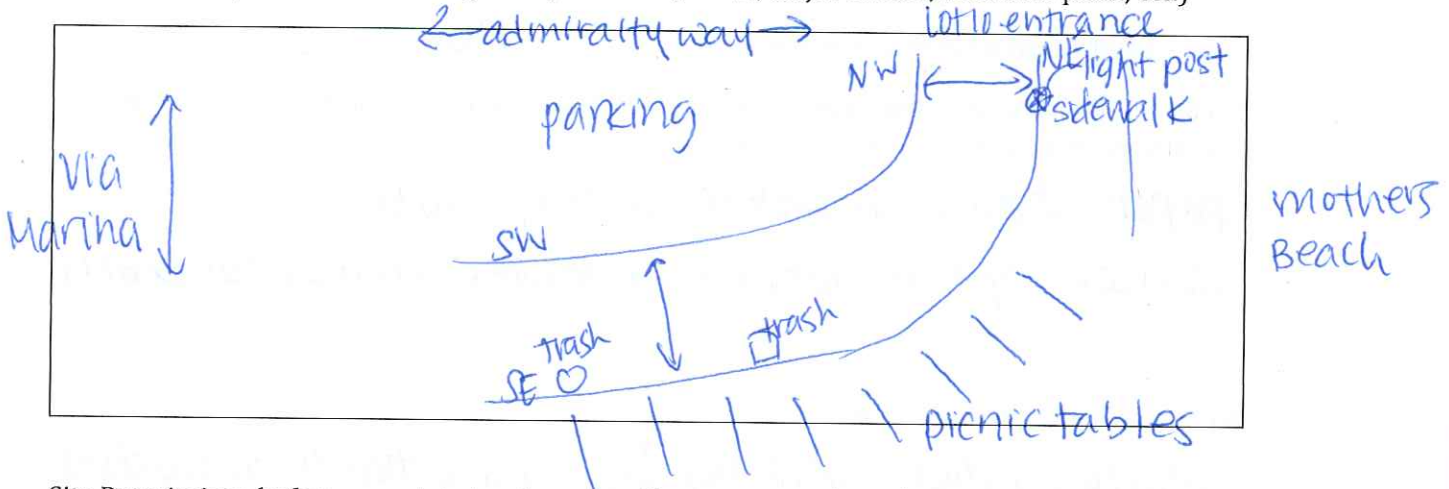
Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 33°58.902' -118°27.573' NE 33°58.903' -118°27.572'  
 SW 33°58.890' -118°27.571' SE 33°58.889' -118°27.575'

\* Reference Point light pole @ end of lot 10 entry

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: light post @ end of Lot 10 entry

no homeless. ~10 ppl @ picnic tables. ~15 ppl @ mothers Beach  
~15 cars in lot.

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 15:46 Event Stop Time: 15:49

### Time Spent Monitoring

Total (Stop - Start): 3 min

Cumulative (Total Time \* # of Crew Members): 6 min

Weight of Trash (lbs to one decimal point): empty = 0.3 oz

Standard Trash: 1.0 oz.

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? no.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

paper, straws, wrappers, along curb.  
sources: ppl in lot, picnic tables, going to beach

Additional Notes: (weather, wildlife, etc.)

sunny, 1 dog walking by. more trash in bushes beyond curb.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No



# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 09/27/2016 15:10

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: MDR Harbor Location ID: eval9-MDR

Location Type (circle one): Beach / Harbor / Park

Field Crew Names: TL / JR

## Site Information

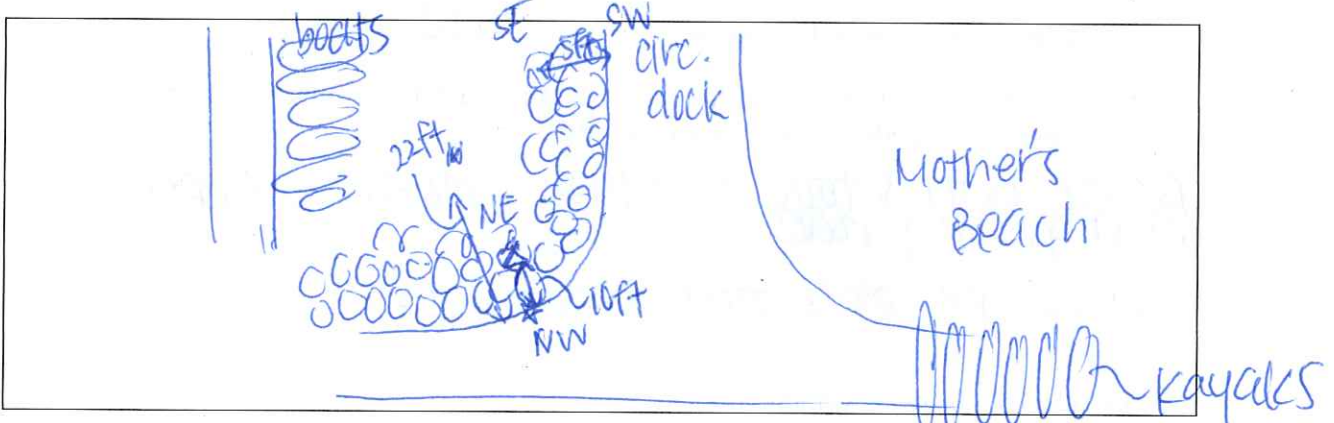
water @ N end:  $33^{\circ}58.879'$   $-118^{\circ}27.348'$

GPS Coordinates: NW  $33^{\circ}58.882'$   $-118^{\circ}27.346'$  NE  $33^{\circ}58.881'$   $-118^{\circ}27.347'$

SW  $33^{\circ}58.873'$   $-118^{\circ}27.359'$  SE in water. n/a

\* Reference Point NE edge of fence along circulation dock

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: NE edge of fence along circulation dock.  
no homeless. no ppl. construction at adjacent apts

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 15:16 Event Stop Time: 15:22

### Time Spent Monitoring

Total (Stop - Start): 6 min

Cumulative (Total Time \* # of Crew Members): 12 min

Weight of Trash (lbs to one decimal point): empty: 0.402

Standard Trash: 1.42 lb.

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? no.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

plastic bottles, toys, flip flops, plastic wrappers  
mostly along rocks.

sources: ppl. boats. tide. beach users.

Additional Notes: (weather, wildlife, etc.)

sunny. birds

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 09/27/2016 16:03

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Burton Chace Park Location ID: eval 10 - BCP

Location Type (circle one): Beach / Harbor / Park

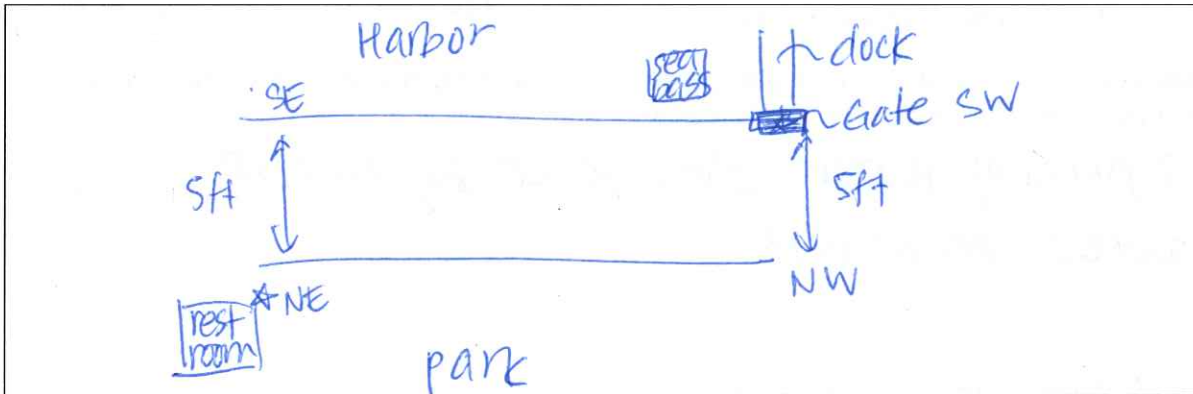
Field Crew Names: TL / JR

## Site Information

GPS Coordinates: NW 33°58.576' -118°26.749' NE 33°58.584' -118°26.733'  
 SW 33°58.577' -118°26.749' SE 33°58.584' -118°26.732'

\* Reference Point west face of restrooms

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: west face of restrooms  
no homeless. no ppl nearby. ~10 ppl in park



# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 16:06 Event Stop Time: 16:09

### Time Spent Monitoring

Total (Stop - Start): 3 min

Cumulative (Total Time \* # of Crew Members): 6 min

### Weight of Trash (lbs to one decimal point):

Standard Trash: 0.3 oz (BDC)

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? no.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

2 pieces of paper along fence by harbor  
sources: ppl at park.

Additional Notes: (weather, wildlife, etc.)

sunny. no wildlife.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# TRASH MONITORING WORKSHEET

## General Information

Date/Time of Arrival (24 hr clock): 16:04 09/26/16

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Redondo Beach Location ID: EVA11-Red

Location Type (circle one): Beach / Harbor / Park

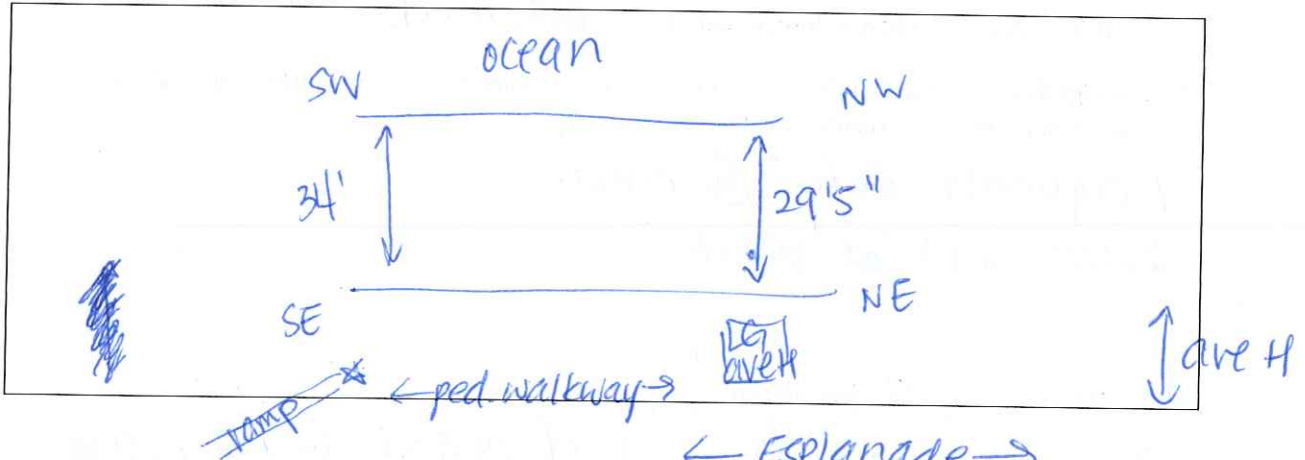
Field Crew Names: TL / JK

## Site Information

GPS Coordinates: NW 33°49.215' -118°23.456' NE 33°49.215' -118°23.450'  
 SW 33°49.198' -118°23.457' SE 33°49.198' -118°23.451'

Reference Point pole at bottom of access ramp S of LG ave H

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: white pole/fountain at bottom of access ramp south of LG tower H

no homeless. ~20 ppl by monument area. >50 ppl @ beach

# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 16:17 Event Stop Time: 16:22

### Time Spent Monitoring

Total (Stop - Start): 5min

Cumulative (Total Time \* # of Crew Members): 10min

Weight of Trash (lbs to one decimal point): 0.1 oz empty

Standard Trash: 0.10Z (BDL) cigarette

Hazardous Material: ∅

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? no

Is intractable trash present? Types? no

Is kelp present? High or low presence? yes. med.

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

1 cigarette only @ crest  
sources: ppl at beach.

Additional Notes: (weather, wildlife, etc.)

sunny, no wildlife. lots of peds & bikers along  
bike path.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

**TRASH MONITORING WORKSHEET**

**General Information**

Date/Time of Arrival (24 hr clock): 09/26/2016 15:35

Monitoring Type (circle one): MFAC Assessment / Source Area Evaluation

Location Name: Torrance Beach Location ID: Eval12-TOR

Location Type (circle one): Beach / Harbor / Park

Field Crew Names: TJ / JK

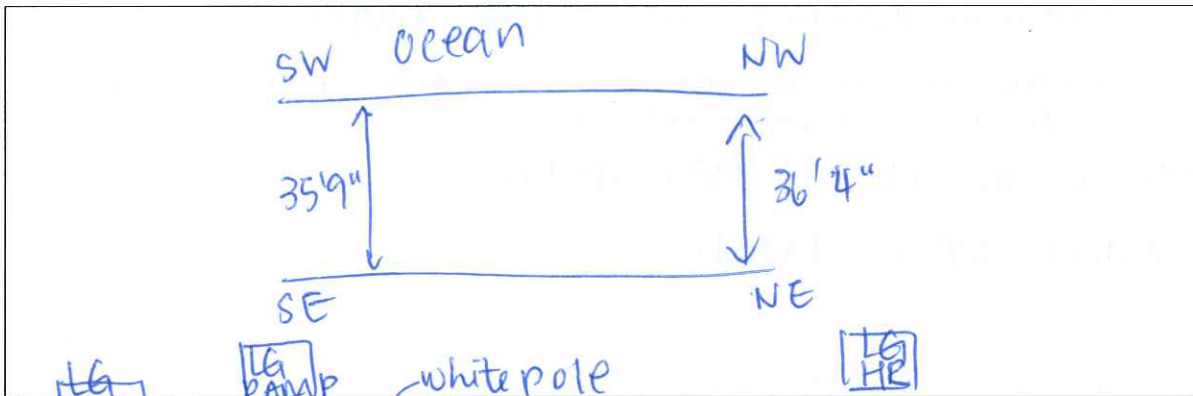
**Site Information**

GPS Coordinates: NW 33°48.804' -118°23.504' NE 33°48.803' -118°23.518'

SW 33°48.788' -118°23.527' SE 33°48.786' -118°23.520'

\* Reference Point white pole @ bottom of ramp N of LG ops building

Sketch of Site: (label directions - eg north, shoreline, docks, major streets, reference point, etc.)



Site Description: (reference point, street names, other structures, homeless presence, recreation presence, etc.)

Reference: white pole / fountain @ bottom of ramp between LG Towers Ramp & HR. North of LG operations building.

no homeless. ~10 ppl near monit area. >50 on beach.



# TRASH MONITORING WORKSHEET

## Monitoring Information

Event Start Time: 15:45 Event Stop Time: 15:52

### Time Spent Monitoring

Total (Stop - Start): 7min

Cumulative (Total Time \* # of Crew Members): 14min

Weight of Trash (lbs to one decimal point): empty 0.1 oz

Standard Trash: 0.7 oz

Hazardous Material: 0.2 oz

Intractable Trash (estimated): ∅

### Trash Types:

Are hazardous materials present? Types? yes. oil gloves

Is intractable trash present? Types? no.

Is kelp present? High or low presence? yes. high

Monitoring Observations: (trash types and relative locations, relative proportion of trash types, spatial/temporal trash patterns, possible sources, etc)

food waste / plastic near crest.

sources: ppl on beach.

Additional Notes: (weather, wildlife, etc.)

sunny. no wildlife. Perry's cafe nearby but closed.

## Post Event Check

Was photograph taken? Yes / No

Is worksheet complete? Yes / No

# Appendix B

## Field Data

ATTACHMENT 8.2 - EXHIBIT B

Uninc. County

Monitoring Site	Assessment Type	Site Type	Date	Time	NW Latitude	NW Longitude	SW Latitude	SW Longitude	NE Latitude	NE Longitude	SE Latitude	SE Longitude	Length	Width 1	Width 2	Average Width	Monitoring Area	Start Time	End Time	Time Lapsed	# of People	Total Time	Standard Trash Weight	Hazardous Trash Weight	Intractable Trash Weight	Total Trash Weight
Units													(ft)	(ft)	(ft)	(ft)	(sq ft)			(min)		(min)	(lbs)	(lbs)	(lbs)	(lbs)
Nicholas Canyon Beach	MFAC	Beach (Shoreline)	9/19/2016	12:00	34.0425	-118.9161	34.04237	-118.916	34.04248	-118.9161	34.04238	-118.916	50	5.0	9.0	7.0	350	12:22	12:28	6	2	12	0.006	0	0	0.006
Zuma Beach	MFAC	Beach (Shoreline)	9/19/2016	12:50	34.0226	-118.8329	34.0224	-118.8327	34.0225	-118.8328	34.0225	-118.8326	100	34.0	33.0	33.5	3350	12:58	13:06	8	2	16	0.094	0	0	0.094
Point Dume Beach	MFAC	Beach (Shoreline)	9/19/2016	13:23	34.0102	-118.8165	34.0099	-118.8163	34.0102	-118.8165	34.0100	-118.8162	100	22.6	16.1	19.3	1934	13:32	13:37	5	2	10	0.075	0	0	0.075
Dan Blocker Beach	MFAC	Beach (Parking Lot)	9/19/2016	13:56	34.0331	-118.7334	34.0331	-118.7337	34.0000	-118.7334	34.0331	-118.7334	100	14.0	14.0	14.0	1400	14:05	15:08	3	2	6	0	0	0	0.000
Malibu/Surfrider Beach	MFAC	Beach (Shoreline)	9/20/2016	12:21	34.0351	-118.6786	34.0348	-118.6787	34.0351	-118.6786	34.0348	-118.6787	100	13.5	8.8	11.2	1117	12:36	12:41	5	2	10	0.056	0	0	0.056
Topanga Beach	MFAC	Beach (Shoreline)	9/20/2016	13:05	34.0385	-118.5822	34.0385	-118.5822	34.0386	-118.5819	34.0386	-118.5819	100	12.0	10.0	11.0	1100	13:11	13:16	5	2	10	0.056	0	0	0.056
Marina Beach	MFAC	Beach (Shoreline)	9/21/2016	13:05	33.9817	-118.4560	33.9816	-118.4560	33.9814	-118.4558	33.9814	-118.4559	100	26.5	8.0	17.3	1725	13:38	13:48	10	2	20	0.519	0	0	0.519
Marina del Rey Harbor	MFAC	Harbor (Water)	9/21/2016	14:00	33.9763	-118.4458	33.9763	-118.4458	33.9764	-118.4456	33.9764	-118.4455	100	10.0	10.0	10.0	1000	14:07	14:10	3	2	6	0.000	0	0	0.000
Burton Chace Park	MFAC	Park (Sidewalk)	9/21/2016	14:35	33.9775	-118.4431	33.9775	-118.4431	33.9777	-118.4428	33.9777	-118.4428	100	10.0	10.0	10.0	1000	14:43	14:45	2	2	4	0.025	0	0	0.025
Manhattan Beach	MFAC	Beach (Shoreline)	9/22/2016	11:33	33.9028	-118.4222	87.1510	-118.4221	33.9028	-118.4221	33.9026	-118.4220	100	23.5	25.6	24.5	2454	11:44	12:01	17	2	34	1.769	0	0	1.769
Redondo Beach	MFAC	Beach (Shoreline)	9/22/2016	12:40	33.8269	-118.3911	33.8272	-118.3911	33.8269	-118.3910	33.8272	-118.3910	100	6.3	5.6	6.0	596	12:54	12:58	4	2	8	0.003	0	0	0.003
Torrance Beach	MFAC	Beach (Shoreline)	9/22/2016	13:34	33.8047	-118.3941	33.8044	-118.3942	33.8047	-118.3940	33.8044	-118.3941	100	13.5	0.3	6.9	692	13:39	13:42	3	2	6	0.044	0	0	0.044
Nicholas Canyon Beach	Source Area Eval	Beach (Parking Lot)	8/22/2016	14:40	34.0428	-118.9155	34.0428	-118.9155	34.0427	-118.9152	34.0427	-118.9152	100	10.0	10.0	10.0	1000	14:27	14:41	14	2	28	0.200	0	0	0.200
Zuma Beach	Source Area Eval	Beach (Shoreline)	8/22/2016	15:15	34.0151	-118.8228	34.0149	-118.8226	34.0152	-118.8228	34.0150	-118.8225	100	34.0	26.0	30.0	3000	15:21	15:31	10	2	20	0.050	0	0	0.050
Point Dume Beach	Source Area Eval	Beach (Shoreline)	8/22/2016	15:51	34.0103	-118.8168	34.0101	-118.8166	34.0104	-118.8166	34.0102	-118.8164	100	44.5	47.0	45.8	4575	15:55	16:06	11	2	22	0.400	0	0	0.400
Latigo Shores Beach	Source Area Eval	Beach (Parking Lot)	8/22/2016	16:23	34.0312	-118.7496	34.0313	-118.7494	34.0313	-118.7496	34.0313	-118.7493	100	10.0	10.0	10.0	1000	16:30	16:52	22	2	44	1.160	2.100	20	23.260
Las Tunas Beach	Source Area Eval	Beach (Parking Lot)	8/22/2016	17:20	34.0394	-118.5972	34.0393	-118.5972	34.0394	-118.5969	34.0394	-118.5969	100	10.0	10.0	10.0	1000	17:28	17:40	12	2	24	0.360	0	0	0.360
Topanga Beach	Source Area Eval	Beach (Shoreline)	8/22/2016	17:48	34.0384	-118.5822	34.0383	-118.5821	34.0386	-118.5819	34.0385	-118.5818	100	47.0	57.0	52.0	5200	18:01	18:09	8	2	16	0.620	0	0	0.620
Marina Beach	Source Area Eval	Beach (Parking Lot)	8/23/2016	14:58	33.9817	-118.4586	33.9815	-118.4587	33.9817	-118.4586	33.9815	-118.4587	100	10.0	10.0	10.0	1000	15:16	15:25	9	2	18	0.025	0	0	0.025
Marina del Rey Harbor	Source Area Eval	Harbor (Shoreline)	8/23/2016	15:30	33.9813	-118.4558	33.9812	-118.4560	33.9814	-118.4558	n/a	n/a	100	22.0	5.0	13.5	1350	15:51	16:05	14	2	28	2.380	0	0	2.380
Burton Chace Park	Source Area Eval	Park (Sidewalk)	8/23/2016	16:42	33.9763	-118.4458	33.9762	-118.4458	33.9764	-118.4455	33.9764	-118.4455	100	5.0	5.0	5.0	500	16:48	17:00	12	2	24	0.031	0	0	0.031
Redondo Beach	Source Area Eval	Beach (Shoreline)	8/24/2016	14:34	33.8202	-118.3909	33.8200	-118.3910	33.8202	-118.3908	33.8200	-118.3909	100	25.0	24.0	24.5	2450	14:45	14:53	8	2	16	0.120	0	0	0.120
Torrance Beach	Source Area Eval	Beach (Shoreline)	9/26/2016	15:35	33.8134	-118.3917	33.8131	-118.3905	33.8134	-118.3920	33.8131	-118.3920	100	35.8	36.3	36.0	3604	15:45	15:52	7	2	14	0.038	0	0	0.038
Nicholas Canyon Beach	Source Area Eval	Beach (Parking Lot)	9/28/2016	14:12	34.0428	-118.9155	34.0427	-118.9155	34.0427	-118.9152	34.0427	-118.9152	100	10.0	10.0	10.0	1000	14:22	14:29	7	2	14	0.319	0	0	0.319
Zuma Beach	Source Area Eval	Beach (Shoreline)	9/28/2016	14:46	34.0150	-118.8229	34.0147	-118.8226	34.0151	-118.8227	34.0149	-118.8224	100	93.0	73.3	83.1	8313	15:11	15:16	5	2	10	0.050	0	0	0.050
Point Dume Beach	Source Area Eval	Beach (Shoreline)	9/28/2016	15:40	34.0103	-118.8167	34.0101	-118.8166	34.0104	-118.8166	34.0102	-118.8164	100	43.0	42.6	42.8	4279	15:48	15:54	6	2	12	1.575	0	0	1.575
Latigo Shores Beach	Source Area Eval	Beach (Parking Lot)	9/28/2016	16:12	34.0312	-118.7497	34.0313	-118.7493	34.0312	-118.7496	34.0313	-118.7494	100	10.0	10.0	10.0	1000	16:17	16:31	14	2	28	0.030	0.026	0	0.056
Las Tunas Beach	Source Area Eval	Beach (Parking Lot)	9/28/2016	16:56	34.0393	-118.5972	34.0393	-118.5972	34.0394	-118.5969	34.0393	-118.5969	100	10.0	10.0	10.0	1000	17:04	17:11	7	2	14	0.213	0	0	0.213
Topanga Beach	Source Area Eval	Beach (Shoreline)	9/28/2016	17:20	34.0384	-118.5822	34.0383	-118.5821	34.0386	-118.5819	34.0385	-118.5819	100	42.8	38.0	40.4	4038	17:25	17:29	4	2	8	0.003	0	0	0.003
Marina Beach	Source Area Eval	Beach (Parking Lot)	9/27/2016	15:33	33.9817	-118.4586	33.9815	-118.4587	33.9817	-118.4585	33.9815	-118.4587	100	10.0	10.0	10.0	1000	15:46	15:49	3	2	6	0.044	0	0	0.044
Marina del Rey Harbor	Source Area Eval	Harbor (Shoreline)	9/27/2016	15:10	33.9814	-118.4558	33.9812	-118.4560	33.9814	-118.4558	n/a	n/a	100	22.0	5.0	13.5	1350	15:16	15:22	6	2	12	0.064	0	0	0.064
Burton Chace Park	Source Area Eval	Park (Sidewalk)	9/27/2016	16:03	33.9763	-118.4458	33.9763	-118.4458	33.9764	-118.4456	33.9814	-118.4455	100	5.0	5.0	5.0	500	16:06	16:09	3	2	6	0.003	0	0	0.003
Redondo Beach	Source Area Eval	Beach (Shoreline)	9/26/2016	16:04	33.8203	-118.3909	33.8200	-118.3910	33.8203	-118.3908	33.8200	-118.3909	100	34.0	29.5	31.8	3175	16:17	16:22	5	2	10	0.003	0	0	0.003
Torrance Beach	Source Area Eval	Beach (Shoreline)	10/10/2016	14:45	33.8134	-118.3921	33.8131	-118.3922	33.8134	-118.3920	33.8131	-118.3920	100	40.5	32.0	36.3	3625	14:52	14:58	6	2	12	0.269	0	0	0.269

Reporting Year 2015 - 2016  
Individual Form



## Appendix C

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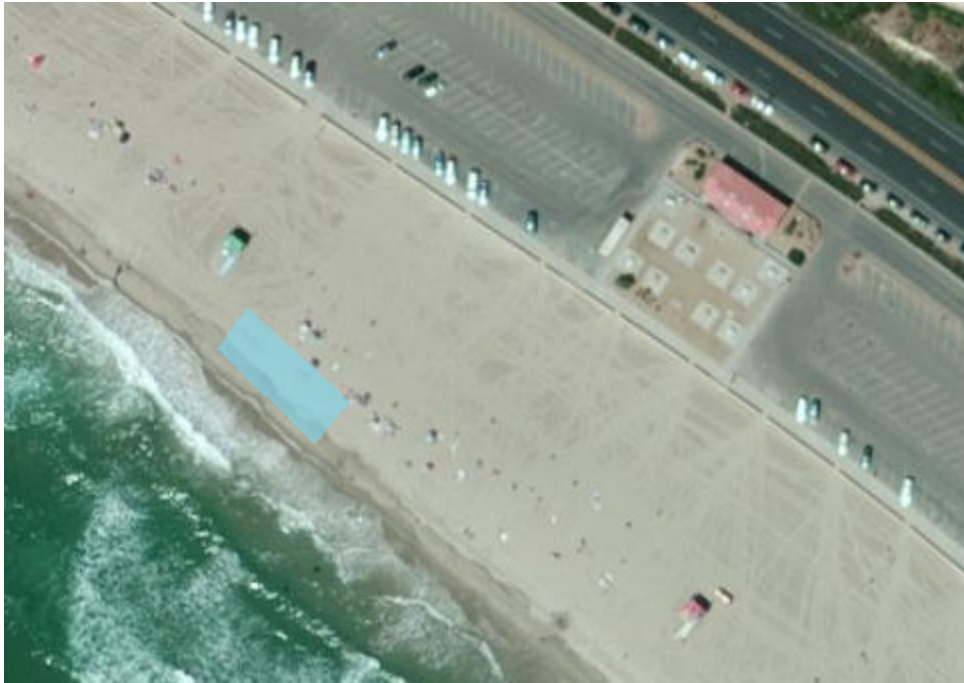
### Site Maps and Monitoring Photos

**SITE AERIALS**

- Blue = MFAC Assessment Site
- Yellow = Source Area Evaluation Site
- Green = MFAC Assessment and Source Area Evaluation Site

**Nicholas Canyon Beach**

**Zuma Beach**



**Point Dume Beach**





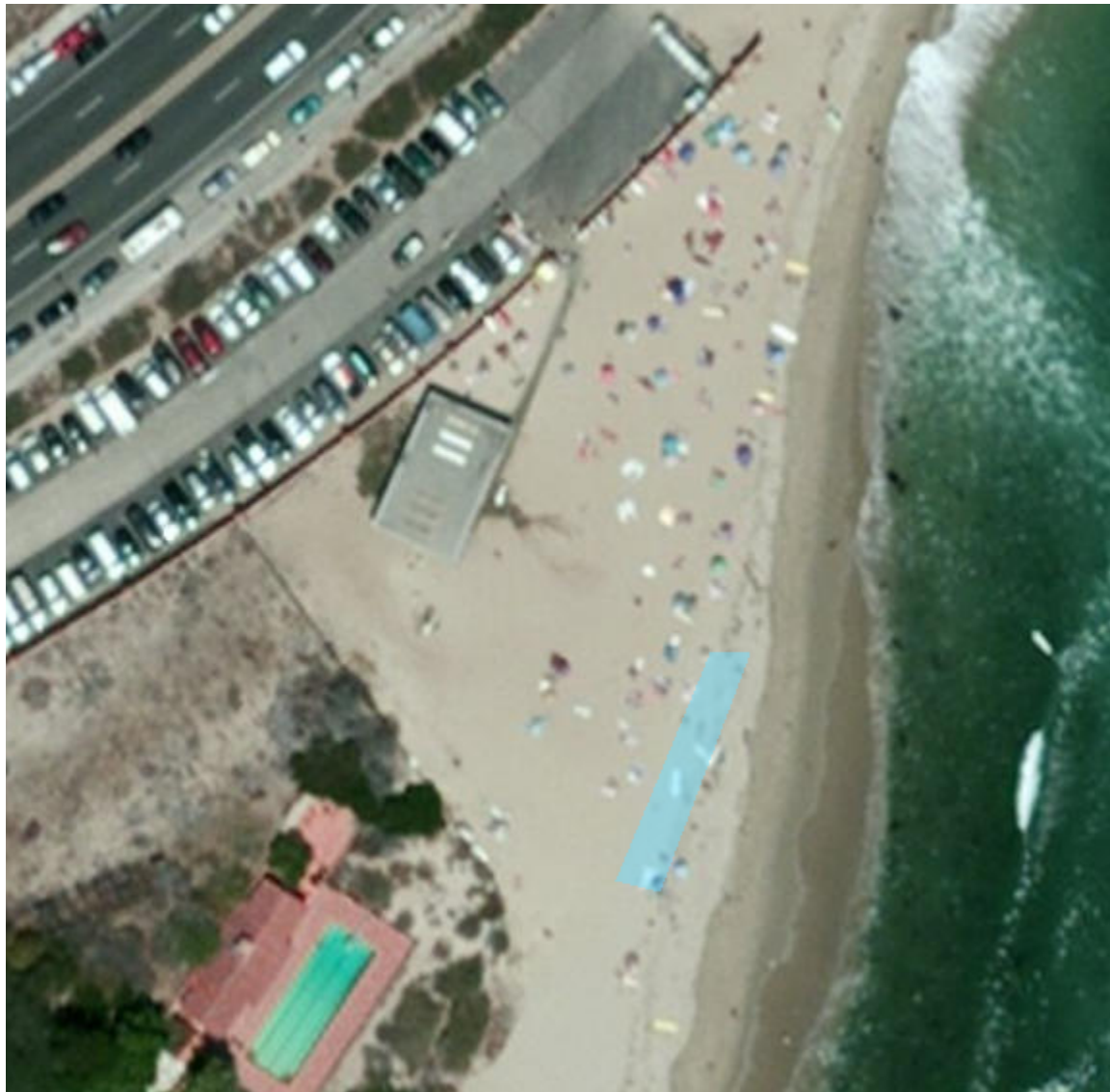
**Latigo Shores Beach**



**Dan Blocker Beach**



**Malibu/Surfrider**





**Las Tunas Beach**



**Topanga Beach**



**Marina Beach**





**Marina del Rey Harbor**



**Burton Chace Park**

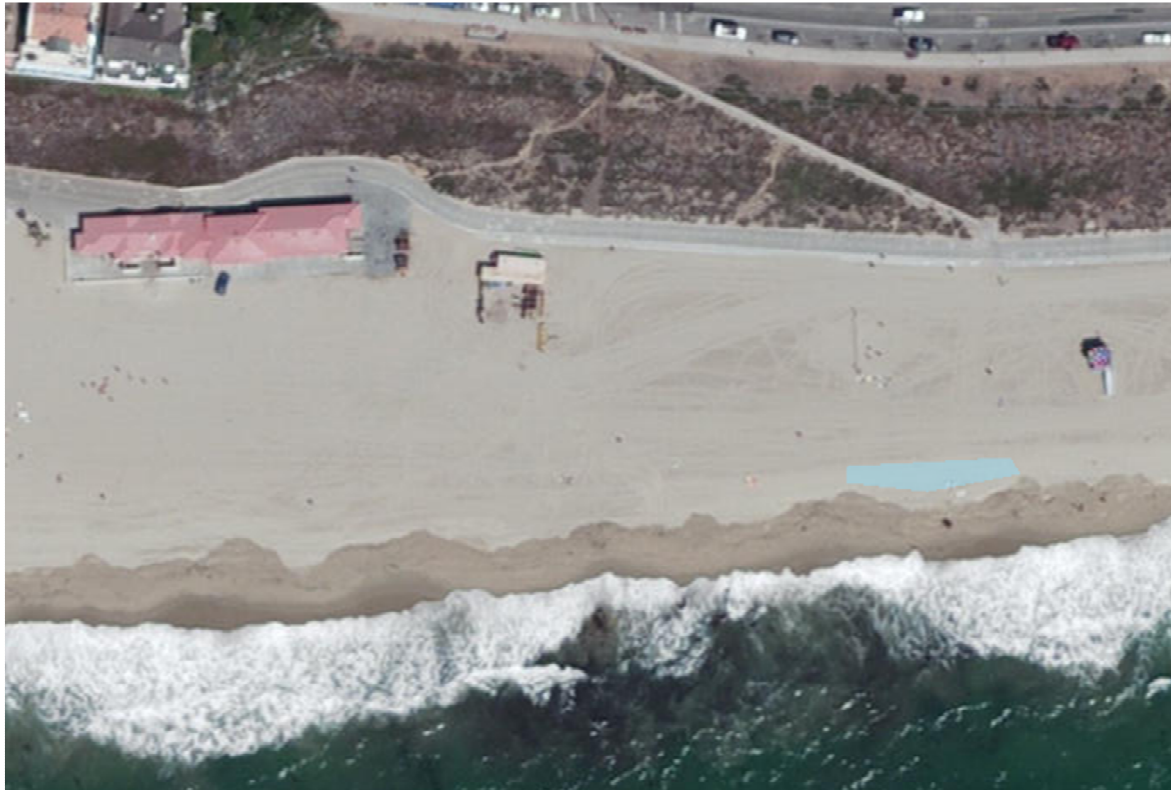


**Manhattan Beach**

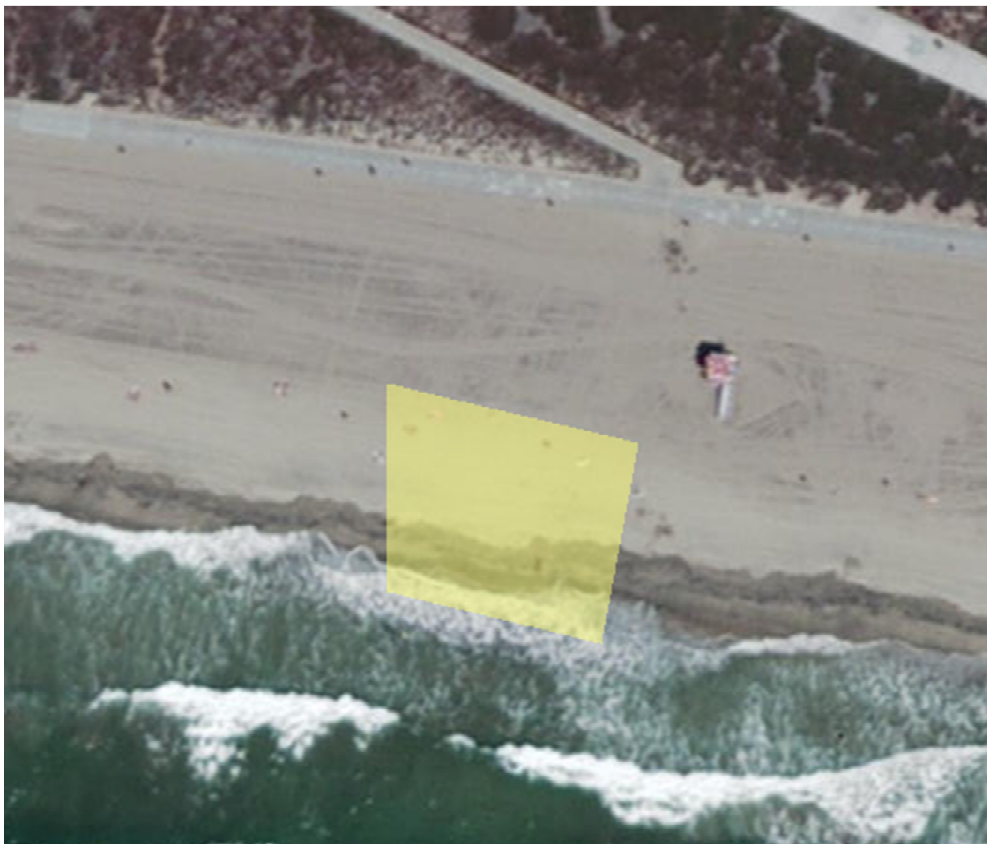




**Redondo Beach**



**Torrance Beach**







**MONITORING PHOTOS**

**MFAC Assessment Photos**

Site	Monitoring Area	Trash Collected
<p>Nicholas Canyon Beach</p>		


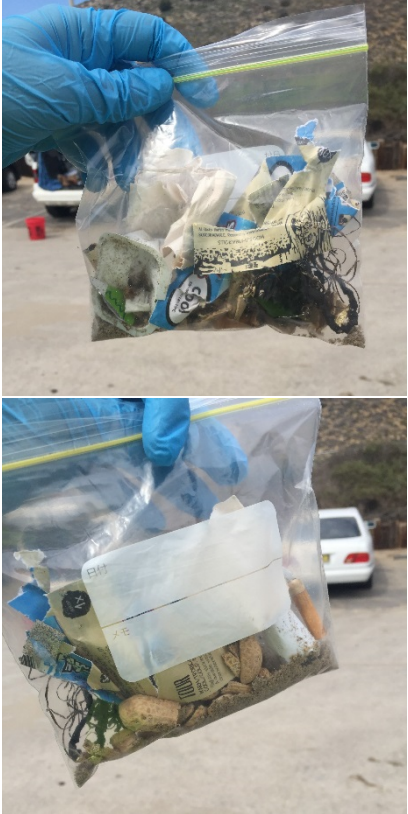




Site	Monitoring Area	Trash Collected
Zuma Beach		



Site	Monitoring Area	Trash Collected
<p>Point Dume Beach</p>		

Site	Monitoring Area	Trash Collected
Dan Blocker Beach		






Site	Monitoring Area	Trash Collected
<p>Malibu/Surfrider Beach</p>		

Site	Monitoring Area	Trash Collected
Topanga Beach		



Site	Monitoring Area	Trash Collected
Marina Beach		



Site	Monitoring Area	Trash Collected
Marina del Rey Harbor		0 trash
Burton Chace Park		



Site	Monitoring Area	Trash Collected
Manhattan Beach		


Site	Monitoring Area	Trash Collected
Redondo Beach		

Site	Monitoring Area	Trash Collected
Torrance Beach		



Source Area Evaluation Photos - Event 1

Site	Monitoring Area	Trash Collected
Nicholas Canyon Beach		n/a
Zuma Beach		n/a

<p>Point Dume Beach</p>		<p>n/a</p>
-------------------------	------------------------------------------------------------------------------------	------------

<p>Latigo Shores Beach</p>		<p>n/a</p>
--------------------------------	------------------------------------------------------------------------------------	------------

<p>Las Tunas Beach</p>		<p>n/a</p>
<p>Topanga Beach</p>		<p>n/a</p>



Marina Beach



Marina del Rey Harbor







Burton Chace  
Park





Redondo Beach



<p>Torrance Beach</p>		
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Source Area Evaluation Photos - Event 2

Site	Monitoring Area	Trash Collected
<p>Nicholas Canyon Beach</p>		

Zuma Beach



Point Dume  
Beach





Latigo Shores  
Beach



<p>Las Tunas Beach</p>		
<p>Topanga Beach</p>		



Marina Beach



Marina del Rey Harbor



Burton Chace  
Park





Redondo Beach





ATTACHMENT 8.2 - EXHIBIT B

<p>Torrance Beach</p>		
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## Appendix D

### Plastic Pellet Inspection Logs



Uninc. County  
TRANS: INSP  
PROG: PWC160

ATTACHMENT 8.2 - EXHIBIT B  
HMS INSPECTION DISPLAY/UPDATE

Individual Form  
OPER: E515180  
Reporting Year 2015 - 2016  
02/29/16 12:31:22

ACTION: \_ (A)DD (C)HANGE (D)ELETE (B)ROWSE A(S)SC # BROWSE  
FILE #: 018364 025655 NAME: SEAMARK SEC? N STAT: PERM  
STREET #: 13441 FR: DR: NAME: MINDANAO SF: WAY UN:  
CITY: MARINA DEL REY ZIP: 90292 6307 AREA: 25 TEL: 310 301 8303  
INSP #: I 000824270 INSP TYPE: S SCHI INSP DT: 020516 INSP DISP: COMP  
ASSC #: P CGI019476 ASSC # TYPE: S S6 ASSC # DT: 112706 ASSC # DISP: PERM

INSP PROC: GIASP\_\_\_\_\_ SAMP REQ? \_ SELF MONT?

INSP INFO: WDID#\_4\_19I019476;8/21/12\_NOI\_-C000722236.  
WASTE LIQ/SPARE PARTS UNDER COVER/ELEVATED;STORMDRAINS CLEAN/MARKED;

RESULTS: SPILL\_RESPONSE\_READILY\_AVAILABLE;SWPPP\_ON\_SITE;PER\_CONTACT,BUSINESS\_  
BEING\_RELOCATED,AREA\_TO\_BE\_REDEVELOPED;BMPS\_ADEQUATE\_\_\_\_\_  
# OF VIOLS FOUND: 0 COMPLY DT:

ASSIGN DT: 020516 DUE DT: 022916 ASSIGN TO: 47913 JMDF  
START DT: \_\_\_\_\_ COMP DT: 020816 COMP BY: 47913 JMDF

DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000824270&DOCTYPE=INSP

LAST TRAN/DATE/OPER: INSP 022916 E515180

UPDATE COMPLETED



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
STORMWATER CERTIFICATE OF INSPECTION

www.cleanla.com

Site-File No. 18364 - 25655

Inspection No. 824270

Business Name Seamark

Business Address 13441 Mindanao MDR 90292

Business Telephone No. 310 301 8303 Business Owner Ruben Flores

Permit status of facility:

Coverage under Stormwater Certificate  IASGP (filed NOI)  No Exposure Certification  NPDES Permit

Facility's WDID# 4 191019476 SWPPP onsite  Yes  No Date of SWPPP 6/1/2015

CRITICAL SOURCES TRACKING SYSTEM FACILITY CLASSIFICATIONS:  USEPA Phase I Facilities  Not Elsewhere Classified

Commercial:  Restaurants\*  Automotive Services\*  Retail Gasoline Outlet/Auto Dealerships\*  Nurseries

Federally Mandated Facilities:  Municipal Landfill  Hazardous Waste Treatment / Recovery Facilities  EPCRA

\*Must use additional BMPs noted on Critical Source Supplement

SIC 3731 Narrative Description: Boat Maint/Repair

Based on observations made during site inspection and document review, the following Best Management Practices (BMP) deficiencies were noted. Deficient BMPs must be corrected to this Department's satisfaction.

DEFICIENT BMPS OBSERVED

None

COMMENTS:

SW FEE DUE: \$

REINSPECTION NO.

This report is furnished to the facility representative to be used as a measurement of the effectiveness of BMPs currently being implemented at the facility to prevent stormwater pollution. You are hereby directed to correct any violation(s) of the Los Angeles County Code Title 12 Chapter 12.80 noted in the deficiencies section above within fifteen (15) days from the date on this inspection form.

Additional Notice of Violation Order to Comply attached.  Referral RWQCB

Upon completion of corrective actions please contact \_\_\_\_\_

Monday through Friday 8 a.m. to 9:30 a.m. at ( ) \_\_\_\_\_ for compliance verification.

Facility Representative Signature: [Signature] Date: 2-8-2016

Print name of Facility Representative: Ruben Flores G. Inspector: Jason Monod de Froideville

STORMWATER CERTIFICATE ISSUED  YES  NO

A stormwater certificate will not be issued until all deficient BMPs have been corrected.

Issuance of a stormwater certificate indicates this site to be in compliance with all stormwater BMPs at the time of inspect

**BEST MANAGEMENT PRACTICE (BMP) CHECKLIST**

The BMPs listed below are suggested measures to control the discharge of pollutants to the stormwater drainage system. It is encouraged to employ additional BMPs if they will control pollutants in an effective manner. If the inspector has lined out a BMP this indicates BMP is not applicable to the facility. If the inspector has circled a BMP this indicates BMP is not being implemented or is not being implemented properly

**A. MINIMUM BMPs - APPLICABLE TO ALL FACILITIES**

1. Termination of all non-stormwater discharge to storm drain.
2. General good housekeeping.
3. Spill prevention and control procedures in place.
4. ~~Soil erosion control~~
5. Employee training program on stormwater issues
6. Post on-site storm drains to indicate they are not to receive liquid or solid wastes
7. Regular cleaning of storm drainage system
8. Absorbent and cleaning materials on hand for use
9. Stormwater runoff routed around operating, processing, fueling, cleaning and storage areas
10. Hose bibs eliminated or posted
11. Proper disposal of air conditioning, cooling tower, and condensate drains

**B. VEHICLE/EQUIPMENT FUELING**

1. Fueling area design minimizes storm water exposure
2. Covered fueling area
3. Perimeter drain, if pavement sloped to containment sump
4. UST equipped with spill and overflow protection
5. Above ground tanks within spill containment

**C. VEHICLE & EQUIPMENT WASHING/STEAM CLEANING**

1. Use offsite commercial washing and cleaning businesses
2. Covered designated wash area, sewer permit
3. Exposed designated wash area, sewer w/RDS, permit
4. Covered designated wash area, containment sump, permit
5. Exposed designated wash area, containment sump, permit
6. Water recirculation/reclamation system used
7. Demineralized/ultra-soft water spray rinse, no runoff
8. Portable containment and vacuum collection of wastewater
9. Onsite washing by vendor, wastewater disposal offsite
10. Onsite washing by vendor, wastewater collected and disposed onsite, permit

**D. GROUNDS MAINTENANCE**

1. ~~Leaving or planting native vegetation to reduce maintenance~~
2. ~~Careful use of pesticides and fertilizers in landscaping~~
3. ~~Integrated pest management where appropriate~~
4. Sweeping of paved surfaces

**E. VEHICLE & EQUIPMENT MAINTENANCE AND REPAIR**

1. Equipment kept clean, build-up of oil and grease avoided
2. Drip pans or containers available where needed
3. ~~Covered designated maintenance area w/ spill containment~~
4. Exposed designated maintenance area w/ spill containment
5. Recycle greases, used oil, oil filters, antifreeze, cleaning solutions, automotive batteries, hydraulic and trans. fluids
6. Use non-toxic chemicals for maintenance when possible
7. Store idle equipment under cover

**F. OUTDOOR LOADING AND UNLOADING OF MATERIALS**

1. Operations within designated area w/ spill containment
2. Fully covered loading/unloading docks
3. Partially covered loading/unloading docks
4. Seal or door skirt between trailer and building
5. Truck well w/ manual sump pump, spill procedure posted
6. Truck well w/ RDS system and permit. Spill procedure posted
7. Drip pans or containers used under hoses or transfer operations

**G. OUTDOOR PROCESS/EQUIPMENT**

1. ~~Maintain activity indoors~~
2. ~~Covered area with containment~~
3. Stormwater runoff routed around process area
4. ~~Process wastes piped directly to sewer pretreatment system~~
5. Spill containment for process areas
6. ~~Air emission control equipment under AQMD permit~~

**H. OUTSIDE STORAGE**

1. ~~Store materials indoors~~
2. ~~Cover storage area with fixed roof or temporary cover~~
3. Store materials on paved or impervious surfaces
4. Store materials within containment berms
5. Sweep and maintain routes to and from storage areas

**I. WASTE HANDLING AND DISPOSAL**

1. Recycle materials within plant or to offsite facilities
2. ~~Verify sewer flow, permit a pretreatment system in place~~
3. Hazardous waste generator license or permit in place
4. Wastes segregated by type, labeled, and dated
5. Waste storage/pretreatment areas clean and free of spill or leaks
6. Proper records maintained on waste storage and disposal

Uninc. County  
TRANS: INSP  
PROG: PWC160

ATTACHMENT 8.2 - EXHIBIT B  
HMS INSPECTION DISPLAY/UPDATE

Individual Form  
OPER: E515180  
Reporting Year 2015 - 2016  
02/29/16 12:47:02

ACTION: \_ (A)DD (C)HANGE (D)ELETE (B)ROWSE A(S)SC # BROWSE  
FILE #: 000194 045236 NAME: WINDWARD YACHT & REPAIR INC SEC? N STAT: PERM  
STREET #: 13645 FR: DR: NAME: FIJI SF: WAY UN:  
CITY: MARINA DEL REY ZIP: 90292 6986 AREA: 25 TEL: 310 823 4581  
INSP #: I 000824272 INSP TYPE: S SCHI INSP DT: 020516 INSP DISP: COMP  
ASSC #: P CGI011278 ASSC # TYPE: S S6 ASSC # DT: 112706 ASSC # DISP: PERM

INSP PROC: GIASP \_\_\_\_\_ SAMP REQ? \_ SELF MONT?

INSP INFO: \_\_\_\_\_  
INSPECT EVERY 2 YEARS W/IW FILE 000194-I00195 - WDID# 4 19I011278

RESULTS: LOT\_CLEAN;SPILL\_RESPONSE\_IN\_PLACE,READILY\_AVAILABLE;ALL\_MATERIALS  
UNDER\_COVER;DRAINS\_MARKED;SWPPP\_ON\_SITE;BMPS\_ADEQUATE \_\_\_\_\_  
# OF VIOLS FOUND: 0 COMPLY DT:

ASSIGN DT: 020516 DUE DT: \_\_\_\_\_ ASSIGN TO: 47913 JMDF  
START DT: \_\_\_\_\_ COMP DT: 020816 COMP BY: 47913 JMDF  
DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000824272&DOCTYPE=INSP  
LAST TRAN/DATE/OPER: INSP 022916 E515180

UPDATE COMPLETED



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
STORMWATER CERTIFICATE OF INSPECTION

www.cleanla.com

Site-File No. 194 - 45236

Inspection No. 824272

Business Name Winward Yacht & Repair Inc

Business Address 13645 Fiji way 90292

Business Telephone No. 310 720 4303 Business Owner Simon Landt

Permit status of facility:

Coverage under Stormwater Certificate  IASGP (filed NOI)  No Exposure Certification  NPDES Permit

Facility's WDID# 4 193011278 SWPPP onsite  Yes  No Date of SWPPP 6/29/2015

CRITICAL SOURCES TRACKING SYSTEM FACILITY CLASSIFICATIONS:  USEPA Phase I Facilities  Not Elsewhere Classified

Commercial:  Restaurants\*  Automotive Services\*  Retail Gasoline Outlet/Auto Dealerships\*  Nurseries

Federally Mandated Facilities:  Municipal Landfill  Hazardous Waste Treatment / Recovery Facilities  EPCRA

\*Must use additional BMPs noted on Critical Source Supplement

SIC 3732 Narrative Description: Boat Repair/Maint

Based on observations made during site inspection and document review, the following Best Management Practices (BMP) deficiencies were noted. Deficient BMPs must be corrected to this Department's satisfaction.

DEFICIENT BMPS OBSERVED

NONE

COMMENTS:

SW FEE DUE: \$

REINSPECTION NO.

This report is furnished to the facility representative to be used as a measurement of the effectiveness of BMPs currently being implemented at the facility to prevent stormwater pollution. You are hereby directed to correct any violation(s) of the Los Angeles County Code Title 12 Chapter 12.80 noted in the deficiencies section above within fifteen (15) days from the date on this inspection form.

Additional Notice of Violation Order to Comply attached.  Referral RWQCB

Upon completion of corrective actions please contact \_\_\_\_\_

Monday through Friday 8 a.m. to 9:30 a.m. at ( ) \_\_\_\_\_ for compliance verification.

Facility Representative Signature: [Signature] Date: 2/8/16

Print name of Facility Representative: Hector Tobias Inspector: Jason Monod de

Fraisdeville

STORMWATER CERTIFICATE ISSUED  YES  NO

A stormwater certificate will not be issued until all deficient BMPs have been corrected.

Issuance of a stormwater certificate indicates this site to be in compliance with all stormwater BMPs at the time of inspect



**BEST MANAGEMENT PRACTICE (BMP) CHECKLIST**

The BMPs listed below are suggested measures to control the discharge of pollutants to the stormwater drainage system. It is encouraged to employ additional BMPs if they will control pollutants in an effective manner. If the inspector has lined out a BMP this indicates BMP is not applicable to the facility. If the inspector has circled a BMP this indicates BMP is not being implemented or is not being implemented properly

**A. MINIMUM BMPs - APPLICABLE TO ALL FACILITIES**

1. Termination of all non-stormwater discharge to storm drain.
2. General good housekeeping.
3. Spill prevention and control procedures in place.
4. ~~Soil erosion control~~
5. Employee training program on stormwater issues
6. Post on-site storm drains to indicate they are not to receive liquid or solid wastes
7. Regular cleaning of storm drainage system
8. Absorbent and cleaning materials on hand for use
9. Stormwater runoff routed around operating, processing, fueling, cleaning and storage areas
10. ~~Hose bibs eliminated or posted~~
11. Proper disposal of air conditioning, cooling tower, and condensate drains

**B. VEHICLE/EQUIPMENT FUELING**

1. Fueling area design minimizes storm water exposure
2. Covered fueling area
3. Perimeter drain or pavement sloped to containment sump
4. UST equipped with spill and overflow protection
5. Above ground tanks within spill containment

**C. VEHICLE & EQUIPMENT WASHING/STEAM CLEANING**

1. ~~Use offsite commercial washing and cleaning businesses~~
2. ~~Covered designated wash area, sewer under permit~~
3. Exposed designated wash area, sewer w/RDS, permit
4. ~~Covered designated wash area, containment sump, permit~~
5. ~~Exposed designated wash area, containment sump, permit~~
6. ~~Water recirculation/reclaim system use~~
7. Demineralized/ultra-pure water spray rinse, no runoff
8. ~~Spill containment in the wash area~~
9. ~~Onsite washing by vendor, wastewater flow to site~~
10. ~~Onsite washing by vendor, wastewater flow to site, disposed onsite, permit~~

**D. GROUNDS MAINTENANCE**

1. Leaving or planting native vegetation to reduce maintenance
2. Careful use of pesticides and fertilizers in landscaping
3. Integrated pest management where appropriate
4. Sweeping of paved surfaces

**E. VEHICLE & EQUIPMENT MAINTENANCE AND REPAIR**

1. Equipment kept clean, build-up of oil and grease avoided
2. Drip pans or containers available where needed
3. Covered designated maintenance area w/ spill containment
4. Exposed designated maintenance area w/ spill containment
5. Recycle greases, used oil, oil filters, antifreeze, cleaning solutions, automotive batteries, hydraulic and trans. fluids
6. Use non-toxic chemicals for maintenance when possible
7. Store idle equipment under cover

**F. OUTDOOR LOADING AND UNLOADING OF MATERIALS**

1. Operations within designated area w/spill containment
2. ~~Fully covered loading/unloading docks~~
3. ~~Partially covered loading/unloading docks~~
4. ~~Seal or door skirt between trailer and building~~
5. ~~Truck well w/manual sump pump, spill procedure posted~~
6. ~~Truck well w/RDS system and permit. Spill procedure posted~~
7. ~~Drip pans or containers used under hoses or transfer operations~~

**G. OUTDOOR PROCESS/EQUIPMENT**

1. ~~Maintain activity indoors~~
2. ~~Cover the area with a permanent roof~~
3. Stormwater runoff routed around process area
4. Process wastes piped directly to sewer pretreatment system
5. Spill containment for process areas
6. Air emission control equipment under AQMD permit

**H. OUTSIDE STORAGE**

1. Store materials indoors
2. ~~Cover storage area with fixed roof or temporary cover~~
3. Store materials on paved or impervious surfaces
4. Store materials within containment berms
5. Sweep and maintain routes to and from storage areas

**I. WASTE HANDLING AND DISPOSAL**

1. Recycle materials within plant or to offsite facilities
2. Valid sewer disposal permit and pretreatment system in place
3. Hazardous waste generator license or permit in place
4. Wastes segregated by type, labeled, and dated
5. Waste storage/pretreatment areas clean and free of spill or leaks
6. Proper records maintained on waste storage and disposal



Uninc. County  
TRANS: INSP  
PROG: PWC160

ATTACHMENT 8.2 - EXHIBIT B  
HMS INSPECTION DISPLAY/UPDATE

Individual Form  
OPER: E515180  
Reporting Year 2015 - 2016  
02/29/16 13:06:08

ACTION: \_ (A)DD (C)HANGE (D)ELETE (B)ROWSE A(S)SC # BROWSE  
FILE #: 005707 045235 NAME: THE BOAT YARD SEC? N STAT: PERM  
STREET #: 13555 FR: DR: NAME: FIJI SF: WAY UN:  
CITY: MARINA DEL REY ZIP: 90292 9325 AREA: 25 TEL: 310 823 8964  
INSP #: I 000824271 INSP TYPE: S SCHI INSP DT: 020516 INSP DISP: COMP  
ASSC #: P CGI020189 ASSC # TYPE: S S6 ASSC # DT: 122706 ASSC # DISP: PERM

INSP PROC: GIASP\_\_\_\_\_ SAMP REQ? \_ SELF MONT? \_

INSP INFO: SITE\_HAS\_ACIDIC\_DISCHARGE\_-\_SEE\_C\_000653508,\_VERIFY\_GIASP\_STTUS.\_\_\_\_\_  
INSPECT\_WITH\_UST\_FILE\_EVERY\_OTHER\_YEAR\_005707-053532\_\_\_\_\_

RESULTS: YARD\_CLEAN;DRAINS\_LABELED;SPILL\_RESPONSE\_READILY\_AVAILABLE;MATERIALS  
INDOOR/UNDERCOVER;SWPPP\_ON\_SITE;BMPS\_ADEQUATE\_\_\_\_\_  
# OF VIOLS FOUND: 0 COMPLY DT:

ASSIGN DT: 020516 DUE DT: \_\_\_\_\_ ASSIGN TO: 47913 JMDF\_\_\_\_\_  
START DT: \_\_\_\_\_ COMP DT: 020816 COMP BY: 47913 JMDF

DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000824271&DOCTYPE=INSP  
LAST TRAN/DATE/OPER: INSP 022916 E515180

UPDATE COMPLETED



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
STORMWATER CERTIFICATE OF INSPECTION

www.cleanla.com

Site-File No. 5707 - 45235  
32018

Inspection No. 824271

Business Name The Boat Yard

Business Address 13555 Fiji Way Marina Del Rey 90292

Business Telephone No. 310 833 8904 Business Owner Victor Espino

Permit status of facility:

Coverage under Stormwater Certificate  IASGP (filed NOI)  No Exposure Certification  NPDES Permit

Facility's WDID# 4 193020189 SWPPP onsite  Yes  No Date of SWPPP 7/1/2015

CRITICAL SOURCES TRACKING SYSTEM FACILITY CLASSIFICATIONS:  USEPA Phase I Facilities  Not Elsewhere Classified

Commercial:  Restaurants\*  Automotive Services\*  Retail Gasoline Outlet/Auto Dealerships\*  Nurseries

Federally Mandated Facilities:  Municipal Landfill  Hazardous Waste Treatment / Recovery Facilities  EPCRA

\*Must use additional BMPs noted on Critical Source Supplement

SIC 3332 4493 Narrative Description: Boat maint & repair

Based on observations made during site inspection and document review, the following Best Management Practices (BMP) deficiencies were noted. Deficient BMPs must be corrected to this Department's satisfaction.

DEFICIENT BMPS OBSERVED

None

COMMENTS:

SW FEE DUE: \$

REINSPECTION NO.

This report is furnished to the facility representative to be used as a measurement of the effectiveness of BMPs currently being implemented at the facility to prevent stormwater pollution. You are hereby directed to correct any violation(s) of the Los Angeles County Code Title 12 Chapter 12.80 noted in the deficiencies section above within fifteen (15) days from the date on this inspection form.

Additional Notice of Violation Order to Comply attached.  Referral RWQCB

Upon completion of corrective actions please contact \_\_\_\_\_

Monday through Friday 8 a.m. to 9:30 a.m. at \_\_\_\_\_ for compliance verification.

Facility Representative Signature: [Signature] Date: 2-8-14

Print name of Facility Representative: SCOTT SIMMER Inspector: Jason Monard de Froideville

STORMWATER CERTIFICATE ISSUED  YES  NO

A stormwater certificate will not be issued until all deficient BMPs have been corrected.

Issuance of a stormwater certificate indicates this site to be in compliance with all stormwater BMPs at the time of inspect

**BEST MANAGEMENT PRACTICE (BMP) CHECKLIST**

The BMPs listed below are suggested measures to control the discharge of pollutants to the stormwater drainage system. It is encouraged to employ additional BMPs if they will control pollutants in an effective manner. If the inspector has lined out a BMP this indicates BMP is not applicable to the facility. If the inspector has circled a BMP this indicates BMP is not being implemented or is not being implemented properly

**A. MINIMUM BMPs - APPLICABLE TO ALL FACILITIES**

1. Termination of all non-stormwater discharge to storm drain.
2. General good housekeeping.
3. Spill prevention and control procedures in place.
- ~~4. Soil erosion control~~
5. Employee training program on stormwater issues
6. Post on-site storm drains to indicate they are not to receive liquid or solid wastes
7. Regular cleaning of storm drainage system
8. Absorbent and cleaning materials on hand for use
- ~~9. Stormwater runoff routed around operating, processing, fueling, cleaning and storage areas~~
- ~~10. Hose bibs eliminated or posted~~
11. Proper disposal of air conditioning, cooling tower, and condensate drains

**B. VEHICLE/EQUIPMENT FUELING**

- ~~1. Fueling area design minimizes storm water exposure~~
- ~~2. Covered fueling area~~
- ~~3. Perimeter drain or pavement sloped to containment sump~~
4. UST equipped with spill and overflow protection
- ~~5. Above ground tanks within spill containment~~

**C. VEHICLE & EQUIPMENT WASHING/STEAM CLEANING**

- ~~1. Use offsite commercial washing and cleaning businesses~~
- ~~2. Covered designated wash area, sewer under permit~~
3. Exposed designated wash area, sewer w/RDS, permit
- ~~4. Covered designated wash area, containment sump, permit~~
- ~~5. Exposed designated wash area, containment sump, permit~~
- ~~6. Water recirculation/reclamation system used~~
7. Demineralized/ultra-pure water spray rinse, no runoff
- ~~8. Portable containment and vacuum collection of wastewater~~
- ~~9. Onsite washing by vendor, wastewater disposal offsite~~
- ~~10. Onsite washing by vendor, wastewater collected and disposed onsite, permit~~

**D. GROUNDS MAINTENANCE**

1. Leaving or planting native vegetation to reduce maintenance
2. Careful use of pesticides and fertilizers in landscaping
3. Integrated pest management where appropriate
4. Sweeping of paved surfaces

**E. VEHICLE & EQUIPMENT MAINTENANCE AND REPAIR**

1. Equipment kept clean, build-up of oil and grease avoided
2. Drip pans or containers available where needed
- ~~3. Covered designated maintenance area w/ spill containment~~
4. Exposed designated maintenance area w/ spill containment
5. Recycle greases, used oil, oil filters, antifreeze, cleaning solutions, automotive batteries, hydraulic and trans. fluids
6. Use non-toxic chemicals for maintenance when possible
7. Store idle equipment under cover

**F. OUTDOOR LOADING AND UNLOADING OF MATERIALS**

1. Operations within designated area w/spill containment
- ~~2. Fully covered loading/unloading docks~~
- ~~3. Partially covered loading/unloading docks~~
- ~~4. Seal or door skirt between trailer and building~~
- ~~5. Truck well w/manual sump pump, spill procedure posted~~
- ~~6. Truck well w/RDS system and permit. Spill procedure posted~~
7. Drip pans or containers used under hoses or transfer operations

**G. OUTDOOR PROCESS/EQUIPMENT**

- ~~1. Maintain activity indoors~~
- ~~2. Cover the area with a permanent roof~~
3. Stormwater runoff routed around process area
4. Process wastes piped directly to sewer pretreatment system
5. Spill containment for process areas
6. Air emission control equipment under AQMD permit

**H. OUTSIDE STORAGE**

1. Store materials indoors
2. Cover storage area with fixed roof or temporary cover
3. Store materials on paved or impervious surfaces
- ~~4. Store materials within containment berms~~
5. Sweep and maintain routes to and from storage areas

**I. WASTE HANDLING AND DISPOSAL**

1. Recycle materials within plant or to offsite facilities
2. Valid sewer disposal permit and pretreatment system in place
3. Hazardous waste generator license or permit in place
4. Wastes segregated by type, labeled, and dated
5. Waste storage/pretreatment areas clean and free of spill or leaks
6. Proper records maintained on waste storage and disposal



# MARINA DEL REY HARBOR TOXIC POLLUTANTS TOTAL MAXIMUM DAILY LOAD COORDINATED MONITORING PLAN



## MONITORING RESULTS August 2015 to June 2016

Prepared for the County of Los Angeles, City of Los Angeles, City of Culver City,  
and the State of California through its Department of Transportation (Caltrans)

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## Storm Water Quality Data

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**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #2									
Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration	
12/21/2015	MdR-3 Washington Boulevard and Thatcher Avenue	<b>85</b>	Copper	µg/L	2.67	10.0	<b>154</b>	<b>29.5</b>	
			Lead	µg/L	4.06	10.0			<b>21.3</b>
			Zinc	µg/L	3.52	10.0			<b>1060</b>
12/21/2015	MdR-4 Oxford Flood Control Basin	NS	Copper	µg/L	NS	NS	NS	NS	
			Lead	µg/L	NS	NS	NS	NS	
			Zinc	µg/L	NS	NS	NS	NS	
12/21/2015	MdR-5 Boone-Olive Pump Station	NS	Copper	µg/L	NS	NS	NS	NS	
			Lead	µg/L	NS	NS	NS	NS	
			Zinc	µg/L	NS	NS	NS	NS	
12/21/2015	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	<b>18</b>	Copper	µg/L	2.67	10.0	<b>43.5</b>	<b>23.9</b>	
			Lead	µg/L	4.06	10.0			<b>6.97 J</b>
			Zinc	µg/L	3.52	10.0			<b>170</b>
12/21/2015	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	NS	Copper	µg/L	NS	NS	NS	NS	
			Lead	µg/L	NS	NS	NS	NS	
			Zinc	µg/L	NS	NS	NS	NS	

## Notes:

Detections are indicated in **bold**

Hardness reporting limit is 2.0 mg/L for MdRU-C1 and is 10 mg/L for MdR-3

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at MdR-5 due to equipment issues and at MdRU-C2 due to low flow.

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/L - milligram per liter

µg/L - microgram per liter

J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #3								
Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
1/7/2016	MdR-3 Washington Boulevard and Thatcher Avenue	26	Copper	µg/L	2.67	10.0	<b>21.8</b>	<b>8.19 J</b>
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	<b>177</b>	<b>90.8</b>
1/7/2016	MdR-4 Oxford Flood Control Basin	NS	Copper	µg/L	NS	NS	NS	NS
			Lead	µg/L	NS	NS	NS	NS
			Zinc	µg/L	NS	NS	NS	NS
1/7/2016	MdR-5 Boone-Olive Pump Station	510	Copper	µg/L	2.67	10.0	<b>23.9</b>	<b>8.01 J</b>
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	<b>127</b>	<b>52.7</b>
1/7/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	55	Copper	µg/L	2.67	10.0	<b>34.0</b>	<b>12.8</b>
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	<b>206</b>	<b>88.1</b>
1/7/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	19	Copper	µg/L	2.67	10.0	<b>31.7</b>	<b>2.80 J</b>
			Lead	µg/L	4.06	10.0	<b>23.5</b>	ND
			Zinc	µg/L	3.52	10.0	<b>195</b>	<b>35.7</b>

## Notes:

Detections are indicated in **bold**

Hardness reporting limit is 2.0 mg/L

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/L - milligram per liter

µg/L - microgram per liter

J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #4								
Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
2/1/2016	MdR-3 Washington Boulevard and Thatcher Avenue	<b>30</b>	Copper	µg/L	2.67	10.0	<b>56.0</b>	<b>42.7</b>
			Lead	µg/L	4.06	10.0	<b>6.30 J</b>	ND
			Zinc	µg/L	3.52	10.0	<b>237</b>	<b>200</b>
2/1/2016	MdR-4 Oxford Flood Control Basin	NS	Copper	µg/L	NS	NS	NS	NS
			Lead	µg/L	NS	NS	NS	NS
			Zinc	µg/L	NS	NS	NS	NS
2/1/2016	MdR-5 Boone-Olive Pump Station	NS	Copper	µg/L	NS	NS	NS	NS
			Lead	µg/L	NS	NS	NS	NS
			Zinc	µg/L	NS	NS	NS	NS
2/1/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	<b>33</b>	Copper	µg/L	2.67	10.0	<b>47.3</b>	<b>39.2</b>
			Lead	µg/L	4.06	10.0	<b>4.86 J</b>	ND
			Zinc	µg/L	3.52	10.0	<b>176</b>	<b>133</b>
2/1/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	NS	Copper	µg/L	NS	NS	NS	NS
			Lead	µg/L	NS	NS	NS	NS
			Zinc	µg/L	NS	NS	NS	NS

## Notes:

Detections are indicated in **bold**

Hardness reporting limit is 2.0 mg/L

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at MdR-5 due to equipment issues and at MdRU-C2 due to low flow.

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/L - milligram per liter

µg/L - microgram per liter

J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #5								
Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
2/19/2016	MdR-3 Washington Boulevard and Thatcher Avenue	<b>24</b>	Copper	µg/L	2.67	10.0	<b>40.1</b>	<b>22.3</b>
			Lead	µg/L	4.06	10.0	<b>8.97 J</b>	ND
			Zinc	µg/L	3.52	10.0	<b>226</b>	<b>129</b>
2/19/2016	MdR-4 Oxford Flood Control Basin	NS	Copper	µg/L	NS	NS	NS	NS
			Lead	µg/L	NS	NS	NS	NS
			Zinc	µg/L	NS	NS	NS	NS
2/19/2016	MdR-5 Boone-Olive Pump Station	<b>440</b>	Copper	µg/L	2.67	10.0	<b>41.7</b>	<b>29.9</b>
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	<b>163</b>	<b>102</b>
2/19/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	<b>27</b>	Copper	µg/L	2.67	10.0	<b>75.1</b>	<b>32.6</b>
			Lead	µg/L	4.06	10.0	<b>14.8</b>	ND
			Zinc	µg/L	3.52	10.0	<b>247</b>	<b>119</b>
2/19/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	<b>11</b>	Copper	µg/L	2.67	10.0	<b>20.6</b>	<b>14.8</b>
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	<b>71.0</b>	<b>62.6</b>

## Notes:

Detections are indicated in **bold**

Hardness reporting limit is 2.0 mg/L

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/L - milligram per liter

µg/L - microgram per liter

J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #6								
Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
3/8/2016	MdR-3 Washington Boulevard and Thatcher Avenue	<b>18</b>	Copper	µg/L	2.67	10.0	<b>24.7</b>	<b>9.99 J</b>
			Lead	µg/L	4.06	10.0	<b>9.06 J</b>	ND
			Zinc	µg/L	3.52	10.0	<b>197</b>	<b>92.9</b>
3/8/2016	MdR-4 Oxford Flood Control Basin	NS	Copper	µg/L	NS	NS	NS	NS
			Lead	µg/L	NS	NS	NS	NS
			Zinc	µg/L	NS	NS	NS	NS
3/8/2016	MdR-5 Boone-Olive Pump Station	<b>220</b>	Copper	µg/L	2.67	10.0	<b>40.9</b>	<b>10.4</b>
			Lead	µg/L	4.06	10.0	<b>9.27 J</b>	ND
			Zinc	µg/L	3.52	10.0	<b>171</b>	<b>72.1</b>
3/8/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	<b>17</b>	Copper	µg/L	2.67	10.0	<b>16.4</b>	<b>8.31 J</b>
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	<b>85.8</b>	<b>52.9</b>
3/8/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	<b>18</b>	Copper	µg/L	2.67	10.0	<b>31.5</b>	<b>15.4</b>
			Lead	µg/L	4.06	10.0	<b>14.5</b>	ND
			Zinc	µg/L	3.52	10.0	<b>180</b>	<b>59.9</b>

## Notes:

Detections are indicated in **bold**

Hardness reporting limit is 2.0 mg/L

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/L - milligram per liter

µg/L - microgram per liter

J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #7								
Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
3/14/2016	MdR-3 Washington Boulevard and Thatcher Avenue	<b>23</b>	Copper	µg/L	2.67	10.0	<b>50.3</b>	<b>17.1</b>
			Lead	µg/L	4.06	10.0	<b>21.4</b>	ND
			Zinc	µg/L	3.52	10.0	<b>291</b>	<b>159</b>
3/14/2016	MdR-4 Oxford Flood Control Basin	NS	Copper	µg/L	NS	NS	NS	NS
			Lead	µg/L	NS	NS	NS	NS
			Zinc	µg/L	NS	NS	NS	NS
3/14/2016	MdR-5 Boone-Olive Pump Station	<b>300</b>	Copper	µg/L	2.67	10.0	<b>44.8</b>	<b>16.7</b>
			Lead	µg/L	4.06	10.0	<b>6.98 J</b>	ND
			Zinc	µg/L	3.52	10.0	<b>180</b>	<b>70.2</b>
3/14/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	<b>22</b>	Copper	µg/L	2.67	10.0	<b>65.9</b>	<b>24.8</b>
			Lead	µg/L	4.06	10.0	<b>11.0</b>	ND
			Zinc	µg/L	3.52	10.0	<b>303</b>	<b>140</b>
3/14/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	<b>25</b>	Copper	µg/L	2.67	10.0	<b>58.4</b>	<b>13.2</b>
			Lead	µg/L	4.06	10.0	<b>39.3</b>	ND
			Zinc	µg/L	3.52	10.0	<b>323</b>	<b>103</b>

## Notes:

Detections are indicated in **bold**

Hardness reporting limit is 2.0 mg/L

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/L - milligram per liter

µg/L - microgram per liter

J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #8								
Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
4/12/2016	MdR-3 Washington Boulevard and Thatcher Avenue	<b>45</b>	Copper	µg/L	2.67	10.0	<b>79.2</b>	<b>29.8</b>
			Lead	µg/L	4.06	10.0	<b>18.6</b>	ND
			Zinc	µg/L	3.52	10.0	<b>416</b>	<b>178</b>
4/12/2016	MdR-4 Oxford Flood Control Basin	NS	Copper	µg/L	NS	NS	NS	NS
			Lead	µg/L	NS	NS	NS	NS
			Zinc	µg/L	NS	NS	NS	NS
4/12/2016	MdR-5 Boone-Olive Pump Station	<b>720</b>	Copper	µg/L	2.67	10.0	<b>26.6</b>	<b>13.9</b>
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	<b>96.3</b>	<b>43.1</b>
4/12/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	<b>110</b>	Copper	µg/L	2.67	10.0	<b>38.6</b>	<b>33.0</b>
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	<b>123</b>	<b>73.6</b>
4/12/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	NS	Copper	µg/L	NS	NS	NS	NS
			Lead	µg/L	NS	NS	NS	NS
			Zinc	µg/L	NS	NS	NS	NS

## Notes:

Detections are indicated in **bold**

Hardness reporting limit is 2.0 mg/L

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at MdRU-C1 and MdRU-C2 due to low flow.

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/L - milligram per liter

µg/L - microgram per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #9									
Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration	
5/9/2016	Mdr-3 Washington Boulevard and Thatcher Avenue	<b>150</b>	Copper	µg/L	2.67	10.0	<b>172</b>	<b>10.7</b>	
			Lead	µg/L	4.06	10.0			<b>57.0</b>
			Zinc	µg/L	3.52	10.0			<b>1,380</b>
5/9/2016	Mdr-4 Oxford Flood Control Basin	NS	Copper	µg/L	NS	NS	NS	NS	
			Lead	µg/L	NS	NS	NS	NS	
			Zinc	µg/L	NS	NS	NS	NS	
5/9/2016	Mdr-5 Boone-Olive Pump Station	<b>2,300</b>	Copper	µg/L	2.67	10.0	<b>12.5</b>	<b>6.64 J</b>	
			Lead	µg/L	4.06	10.0	ND	ND	
			Zinc	µg/L	3.52	10.0	<b>74.4</b>	<b>15.0</b>	
5/9/2016	MdrU-C1 Under-represented located north of Bali and Admiralty Ways	<b>310</b>	Copper	µg/L	2.67	10.0	<b>7.99 J</b>	<b>11.0<sup>1</sup></b>	
			Lead	µg/L	4.06	10.0	ND	ND	
			Zinc	µg/L	3.52	10.0	<b>16.3</b>	<b>20.0<sup>1</sup></b>	
5/9/2016	MdrU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	NS	Copper	µg/L	NS	NS	NS	NS	
			Lead	µg/L	NS	NS	NS	NS	
			Zinc	µg/L	NS	NS	NS	NS	

## Notes:

Detections are indicated in **bold**

Hardness reporting limit is 2.0 mg/L for MdrU-C1, Mdr-3, and Mdr-3-Duplicate. Hardness reporting limit is 10 for Mdr-5

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at Mdr-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at MdrU-C1 and MdrU-C2 due to equipment issues and low flow.

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/L - milligram per liter

µg/L - microgram per liter

J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

<sup>1</sup>Total and dissolved copper and zinc concentrations for some samples are very similar showing that the copper and zinc are primarily in the dissolved form. Due to sampling and analytical variability, the dissolved copper and zinc concentrations occasionally exceed the total concentrations. The data are considered valid and are within method tolerance limits.

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring**  
**2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #2						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
12/21/2015	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND
12/21/2015	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
12/21/2015	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
12/21/2015	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND
12/21/2015	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #2						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at Mdr-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at Mdr-5 due to equipment issues and at MdRU-C2 due to low flow.

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring**  
**2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #3						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
1/7/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND
1/7/2016	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
1/7/2016	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND
1/7/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND
1/7/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #3						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at Mdr-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring**  
**2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #4						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
2/1/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND
2/1/2016	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
2/1/2016	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
2/1/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND
2/1/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #4						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at Mdr-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at Mdr-5 due to equipment issues and at MdRU-C2 due to low flow.

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring**  
**2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #5						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
2/19/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND
2/19/2016	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
2/19/2016	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND
2/19/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND
2/19/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #5						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at Mdr-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring**  
**2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #6						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
3/8/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND
3/8/2016	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
3/8/2016	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND
3/8/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND
3/8/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #6						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at Mdr-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring**  
**2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #7						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
3/14/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND
3/14/2016	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
3/14/2016	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND
3/14/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND
3/14/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.012	0.097	ND
		Aroclor 1016	µg/L	0.013	0.097	ND
		Aroclor 1221	µg/L	0.025	0.097	ND
		Aroclor 1232	µg/L	0.015	0.097	ND
		Aroclor 1242	µg/L	0.026	0.097	ND
		Aroclor 1248	µg/L	0.017	0.097	ND
		Aroclor 1254	µg/L	0.023	0.097	ND
		Aroclor 1260	µg/L	0.013	0.097	ND
		Aroclor 1262	µg/L	0.015	0.097	ND
		Total PCBs	µg/L	0.026	0.097	ND

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #7						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at Mdr-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring**  
**2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #8						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
4/12/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.098	ND
		Aroclor 1016	µg/L	0.013	0.098	ND
		Aroclor 1221	µg/L	0.025	0.098	ND
		Aroclor 1232	µg/L	0.015	0.098	ND
		Aroclor 1242	µg/L	0.027	0.098	ND
		Aroclor 1248	µg/L	0.017	0.098	ND
		Aroclor 1254	µg/L	0.023	0.098	ND
		Aroclor 1260	µg/L	0.013	0.098	ND
		Aroclor 1262	µg/L	0.015	0.098	ND
		Total PCBs	µg/L	0.027	0.098	ND
4/12/2016	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
4/12/2016	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.012	0.098	ND
		Aroclor 1016	µg/L	0.013	0.098	ND
		Aroclor 1221	µg/L	0.025	0.098	ND
		Aroclor 1232	µg/L	0.015	0.098	ND
		Aroclor 1242	µg/L	0.027	0.098	ND
		Aroclor 1248	µg/L	0.017	0.098	ND
		Aroclor 1254	µg/L	0.023	0.098	ND
		Aroclor 1260	µg/L	0.013	0.098	ND
		Aroclor 1262	µg/L	0.015	0.098	ND
		Total PCBs	µg/L	0.027	0.098	ND
4/12/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
4/12/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #8						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at Mdr-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at MdrU-C1 and MdrU-C2 due to low flow.

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring**  
**2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #9						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
5/9/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND
5/9/2016	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
5/9/2016	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.012	0.099	ND
		Aroclor 1016	µg/L	0.013	0.099	ND
		Aroclor 1221	µg/L	0.025	0.099	ND
		Aroclor 1232	µg/L	0.015	0.099	ND
		Aroclor 1242	µg/L	0.027	0.099	ND
		Aroclor 1248	µg/L	0.018	0.099	ND
		Aroclor 1254	µg/L	0.024	0.099	ND
		Aroclor 1260	µg/L	0.013	0.099	ND
		Aroclor 1262	µg/L	0.015	0.099	ND
		Total PCBs	µg/L	0.027	0.099	ND
5/9/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS
5/9/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	NS	NS	NS
		Aroclor 1016	µg/L	NS	NS	NS
		Aroclor 1221	µg/L	NS	NS	NS
		Aroclor 1232	µg/L	NS	NS	NS
		Aroclor 1242	µg/L	NS	NS	NS
		Aroclor 1248	µg/L	NS	NS	NS
		Aroclor 1254	µg/L	NS	NS	NS
		Aroclor 1260	µg/L	NS	NS	NS
		Aroclor 1262	µg/L	NS	NS	NS
		Total PCBs	µg/L	NS	NS	NS



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #9						
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No sample was collected for this station

Samples were not collected at Mdr-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at MdrU-C1 and MdrU-C2 due to equipment issues and low flow.

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #2						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
12/21/2015	MdR-3 Washington Boulevard and Thatcher Avenue	Total Dissolved Solids	mg/L	0.870	1.00	<b>198</b>
		Total Suspended Solids	mg/L	0.829	1.00	<b>348</b>
		Settleable Solids	mL/L	0.10	0.10	<b>1.4</b>
12/21/2015	MdR-4 Oxford Flood Control Basin	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS
12/21/2015	MdR-5 Boone-Olive Pump Station	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS
12/21/2015	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Total Dissolved Solids	mg/L	0.87	1.0	<b>98</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>25</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.10</b>
12/21/2015	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the Method Detection Limit

NA - Sample not analyzed

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at MdR-5 due to equipment issues and at MdRU-C2 due to low flow.

Reporting Limit - lowest concentration for which quantitative data are reported

mg/L - milligram per liter

mL/L - milliliter per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #3						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
1/7/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Total Dissolved Solids	mg/L	0.87	1.0	<b>75</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>56</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.10</b>
1/7/2016	MdR-4 Oxford Flood Control Basin	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS
1/7/2016	MdR-5 Boone-Olive Pump Station	Total Dissolved Solids	mg/L	0.870	10.0	<b>2,550</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>70</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.10</b>
1/7/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Total Dissolved Solids	mg/L	0.870	1.00	<b>178</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>50</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.40</b>
1/7/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Total Dissolved Solids	mg/L	0.87	1.0	<b>50</b>
		Total Suspended Solids	mg/L	0.829	1.00	<b>120</b>
		Settleable Solids	mL/L	0.10	0.10	<b>1.1</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the Method Detection Limit

NA - Sample not analyzed

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - lowest concentration for which quantitative data are reported

mg/L - milligram per liter

mL/L - milliliter per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #4						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
2/1/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Total Dissolved Solids	mg/L	0.87	1.0	<b>98</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>31</b>
		Settleable Solids	mL/L	0.10	0.10	ND
2/1/2016	MdR-4 Oxford Flood Control Basin	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS
2/1/2016	MdR-5 Boone-Olive Pump Station	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS
2/1/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Total Dissolved Solids	mg/L	0.870	1.00	<b>130</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>14</b>
		Settleable Solids	mL/L	0.10	0.10	ND
2/1/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the Method Detection Limit

NA - Sample not analyzed

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at MdR-5 due to equipment issues and at MdRU-C2 due to low flow.

Reporting Limit - lowest concentration for which quantitative data are reported

mg/L - milligram per liter

mL/L - milliliter per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #5						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
2/19/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Total Dissolved Solids	mg/L	0.87	1.0	<b>55</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>43</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.30</b>
2/19/2016	MdR-4 Oxford Flood Control Basin	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS
2/19/2016	MdR-5 Boone-Olive Pump Station	Total Dissolved Solids	mg/L	0.870	10.0	<b>1,760</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>62</b>
		Settleable Solids	mL/L	0.10	0.10	<b>1.1</b>
2/19/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Total Dissolved Solids	mg/L	0.87	1.0	<b>65</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>32</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.60</b>
2/19/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Total Dissolved Solids	mg/L	0.87	1.0	<b>30</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>16</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.20</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the Method Detection Limit

NA - Sample not analyzed

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - lowest concentration for which quantitative data are reported

mg/L - milligram per liter

mL/L - milliliter per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #6						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
3/8/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Total Dissolved Solids	mg/L	0.87	1.0	<b>48</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>78</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.50</b>
3/8/2016	MdR-4 Oxford Flood Control Basin	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS
3/8/2016	MdR-5 Boone-Olive Pump Station	Total Dissolved Solids	mg/L	0.870	1.00	<b>960</b>
		Total Suspended Solids	mg/L	0.829	1.00	<b>162</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.70</b>
3/8/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Total Dissolved Solids	mg/L	0.87	1.0	<b>40</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>42</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.10</b>
3/8/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Total Dissolved Solids	mg/L	0.87	1.0	<b>62</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>46</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.10</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the Method Detection Limit

NA - Sample not analyzed

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - lowest concentration for which quantitative data are reported

mg/L - milligram per liter

mL/L - milliliter per liter



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #7						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
3/14/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Total Dissolved Solids	mg/L	0.87	1.0	<b>58</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>79</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.20</b>
3/14/2016	MdR-4 Oxford Flood Control Basin	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS
3/14/2016	MdR-5 Boone-Olive Pump Station	Total Dissolved Solids	mg/L	0.870	10.0	<b>1,500</b>
		Total Suspended Solids	mg/L	0.829	1.00	<b>107</b>
		Settleable Solids	mL/L	0.10	0.10	ND
3/14/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Total Dissolved Solids	mg/L	0.87	1.0	<b>68</b>
		Total Suspended Solids	mg/L	0.829	1.00	<b>108</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.30</b>
3/14/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Total Dissolved Solids	mg/L	0.87	1.0	<b>58</b>
		Total Suspended Solids	mg/L	0.829	1.00	<b>120</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.20</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the Method Detection Limit

NA - Sample not analyzed

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - lowest concentration for which quantitative data are reported

mg/L - milligram per liter

mL/L - milliliter per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #8						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
4/12/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Total Dissolved Solids	mg/L	0.870	1.00	<b>120</b>
		Total Suspended Solids	mg/L	0.829	1.00	<b>133</b>
		Settleable Solids	mL/L	0.10	0.10	<b>1.0</b>
4/12/2016	MdR-4 Oxford Flood Control Basin	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS
4/12/2016	MdR-5 Boone-Olive Pump Station	Total Dissolved Solids	mg/L	0.870	10.0	<b>3,460</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>72</b>
		Settleable Solids	mL/L	0.10	0.10	<b>0.10</b>
4/12/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	0.83	1.0	<b>22</b>
		Settleable Solids	mL/L	NS	NS	NS
4/12/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the Method Detection Limit

NA - Sample not analyzed

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at MdRU-C1 and MdRU-C2 due to low flow.

Reporting Limit - lowest concentration for which quantitative data are reported

mg/L - milligram per liter

mL/L - milliliter per liter

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring  
2015-2016**

WET WEATHER MONITORING SUMMARY REPORT QUALIFYING STORM EVENT #9						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
5/9/2016	MdR-3 Washington Boulevard and Thatcher Avenue	Total Dissolved Solids	mg/L	0.870	1.00	<b>145</b>
		Total Suspended Solids	mg/L	0.829	1.00	<b>545</b>
		Settleable Solids	mL/L	0.10	0.10	<b>8.0</b>
5/9/2016	MdR-4 Oxford Flood Control Basin	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS
5/9/2016	MdR-5 Boone-Olive Pump Station	Total Dissolved Solids	mg/L	0.870	10.0	<b>9,950</b>
		Total Suspended Solids	mg/L	0.83	1.0	<b>7.6</b>
		Settleable Solids	mL/L	0.10	0.10	ND
5/9/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	0.83	1.0	<b>3.2</b>
		Settleable Solids	mL/L	NS	NS	NS
5/9/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Total Dissolved Solids	mg/L	NS	NS	NS
		Total Suspended Solids	mg/L	NS	NS	NS
		Settleable Solids	mL/L	NS	NS	NS

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the Method Detection Limit

NS - No sample was collected for this station

Samples were not collected at MdR-4 due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Samples were not collected at MdRU-C1 and MdRU-C2 due to equipment issues and low flow.

Reporting Limit - lowest concentration for which quantitative data are reported

mg/L - milligram per liter

mL/L - milliliter per liter

## **Storm-borne Sediment Quality Data**

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**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring - Storm-Borne Sediment  
2015 - 2016**

STORM-BORNE SEDIMENT COMPOSITE PLAN											
Collected Sample Amounts, Storm Flow, and Composite Sample Amounts											
Sample Data	Station Information	Storm Event 1	Storm Event 2	Storm Event 3	Storm Event 4	Storm Event 5	Storm Event 6	Storm Event 7	Storm Event 8	Storm Event 9	Storm Season Total
Storm Event Data	Start Date	12/13/2015	12/19/2015	1/5/2016	1/31/2016	2/17/2016	3/5/2016	3/11/2016	4/7/2016	5/5/2016	NA
	End Date	12/13/2015	12/19/2015	1/7/2016	1/31/2016	2/18/2016	3/7/2016	3/11/2016	4/9/2016	5/7/2016	NA
	Rain (inches)	0.12	0.36	2.72	0.14	0.73	0.87	0.53	0.29	0.59	3.83
Storm-borne Sediment Sample Collected, (grams)	MdRU-C1	No SBS Sample	26	33	No SBS Sample	17	35	36	20	7	174
	MdRU-C2	No SBS Sample	3	48	No SBS Sample	10	50	40	39	No SBS Sample	190
	MdR-3	30	34	47	No SBS Sample	23	No SBS Sample	46	12	No SBS Sample	192
	MdR-4	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	MdR-5	No SBS Sample	37	72	No SBS Sample	79	75	108	47	42	460
Sampled Storm Flow Volume <sup>1</sup> (cubic feet)	MdRU-C1	4,516	17,665	83,150	12,988	44,765	10,356	29,944	4,852	1,394	209,630
	MdRU-C2	No Storm Flow	No Storm Flow	26,211	48	3,377	279,429	27,090	7,105	No Storm Flow	343,260
	MdR-3	No Flow Data	44,787	402,170	12,863	158,524	523,149	143,570	6,311	14,345	1,305,719
	MdR-4	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	MdR-5	No Storm Flow	50,228	644,650	40,340	11,095	268,279	126,469	37,645	4,502	1,183,208
Sampled Storm Flow Volume with Matched SBS Sample (cubic feet)	MdRU-C1	No SBS Sample	17,665	83,150	No SBS Sample	44,765	10,356	29,944	4,852	1,394	192,126
	MdRU-C2	No Storm Flow	No Storm Flow	26,211	No SBS Sample	3,377	279,429	27,090	7,105	No Storm Flow	343,212
	MdR-3	No Flow Data	44,787	402,170	No SBS Sample	158,524	No SBS Sample	143,570	6,311	No SBS Sample	755,362
	MdR-4	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	MdR-5	No Storm Flow	50,228	644,650	No SBS Sample	11,095	268,279	126,469	37,645	4,502	1,142,868
Sampled Storm Flow-Weighted Proportion with Matched SBS Sample	MdRU-C1	NA	9.2%	43.3%	NA	23.3%	5.4%	15.6%	2.5%	0.7%	100%
	MdRU-C2	NA	NA	7.6%	NA	1.0%	81.4%	7.9%	2.1%	No Storm Flow	100%
	MdR-3	NA	5.9%	53.2%	NA	21.0%	No SBS Sample	19.0%	0.8%	No SBS Sample	100%
	MdR-4	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	MdR-5	NA	4.4%	56.4%	NA	1.0%	23.5%	11.1%	3.3%	0.4%	100%
Storm-borne Sediment Composite, (grams)	MdRU-C1	NA	6.7	31.6	NA	17.0	3.9	11.4	1.8	0.5	73
	MdRU-C2	NA	NA	4.7	NA	0.6	50.0	4.8	1.3	NA	61
	MdR-3	AN	5.2	47.0	NA	18.5	NA	16.8	0.7	NA	88
	MdR-4	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	MdR-5	NA	5.6	72.0	NA	1.2	30.0	14.1	4.2	0.5	128

Notes:

- NA - Value could not be calculated because either the flow value or the SBS sample amount was zero or missing
- No Flow Data - no flow data was measured due to equipment issue
- No SBS Sample - no storm-borne sediment sample was collected, see text for further detail
- No Storm Flow - no storm water flow occurred, see text for further detail
- Not Available - MdR-4 was not available for sampling or monitoring due to on-going construction related to the Oxford Basin Multiuse Enhancement Project
- Sample Date is date of composite sample preparation
- SBC - Storm-borne sediment

<sup>1</sup> Discharge volumes for MdR-3 (Event #1), MdRU-C-1 (all storms), and MdRU-C-2 (Event #6) were determined to be affected by equipment error (affected values are shown); volumes used for load estimation (tables following) were estimated by the Modified Rational Method (Hydrology Manual, 2006, Los Angeles County Department of Public Works) with rain data from the Electric Avenue Pump Plant



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring - Storm-Borne Sediment  
2015 - 2016**

STORM-BORNE SEDIMENT ANALYTICAL RESULTS						
Composite of Storm Events						
Sample Composite Date	Station Information	Metal	Units	MDL	Reporting Limit	Concentration
7/8/2016	MdR-3 Washington Boulevard and Thatcher Avenue Storm-borne Sediment	Copper	mg/kg	0.466	1.73	<b>229</b>
		Lead	mg/kg	0.455	1.73	<b>117</b>
		Zinc	mg/kg	0.614	3.46	<b>1,380</b>
		TOC	percent	0.062	0.18	<b>18</b>
		Percent Solids	percent	0.100	0.100	<b>27.8</b>
7/8/2016	MdR-4 Oxford Flood Control Basin Storm-borne Sediment	Copper	mg/kg	NS	NS	NS
		Lead	mg/kg	NS	NS	NS
		Zinc	mg/kg	NS	NS	NS
		TOC	percent	NS	NS	NS
		Percent Solids	percent	NS	NS	NS
7/8/2016	MdR-5 Boone-Olive Pump Station Storm-borne Sediment	Copper	mg/kg	0.579	2.15	<b>307</b>
		Lead	mg/kg	0.566	2.15	<b>128</b>
		Zinc	mg/kg	0.763	4.30	<b>1,300</b>
		TOC	percent	0.074	0.21	<b>22</b>
		Percent Solids	percent	0.100	0.100	<b>23.5</b>
7/8/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways Storm-borne Sediment	Copper	mg/kg	0.532	1.98	<b>362</b>
		Lead	mg/kg	0.520	1.98	<b>117.0</b>
		Zinc	mg/kg	0.701	3.95	<b>1,770</b>
		TOC	percent	0.068	0.19	<b>33</b>
		Percent Solids	percent	0.100	0.100	<b>25.7</b>
7/8/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue Storm-borne Sediment	Copper	mg/kg	0.350	1.30	<b>128</b>
		Lead	mg/kg	0.342	1.30	<b>75.4</b>
		Zinc	mg/kg	0.461	2.60	<b>1,100</b>
		TOC	percent	0.043	0.12	<b>26</b>
		Percent Solids	percent	0.100	0.100	<b>40.3</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NS - No samples were collected at MdR-4

due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - lowest concentration for which quantitative data are reported

Sample Date is date of composite sample preparation

TOC - Total organic carbon

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring - Storm-Borne Sediment  
2015 - 2016**

STORM-BORNE SEDIMENT ANALYTICAL RESULTS						
Composite of Storm Events						
Sample Composite Date	Station Information	Chlordane Compound	Units	MDL	Reporting Limit	Concentration
7/8/2016	MdR-3 Washington Boulevard and Thatcher Avenue Storm-borne Sediment	cis-Chlordane	µg/kg	0.24	0.72	<b>24</b>
		trans-Chlordane	µg/kg	0.19	0.72	<b>19</b>
		cis-Nonachlor	µg/kg	0.18	0.72	ND
		trans-Nonachlor	µg/kg	0.15	0.72	<b>13</b>
		Oxychlordane	µg/kg	0.26	0.72	ND
		Total Chlordane	µg/kg	0.26	0.72	<b>56</b>
7/8/2016	MdR-4 Oxford Flood Control Basin Storm-borne Sediment	cis-Chlordane	µg/kg	NS	NS	NS
		trans-Chlordane	µg/kg	NS	NS	NS
		cis-Nonachlor	µg/kg	NS	NS	NS
		trans-Nonachlor	µg/kg	NS	NS	NS
		Oxychlordane	µg/kg	NS	NS	NS
		Total Chlordane	µg/kg	NS	NS	NS
7/8/2016	MdR-5 Boone-Olive Pump Station Storm-borne Sediment	cis-Chlordane	µg/kg	0.29	0.86	<b>17</b>
		trans-Chlordane	µg/kg	0.23	0.86	<b>21</b>
		cis-Nonachlor	µg/kg	0.22	0.86	ND
		trans-Nonachlor	µg/kg	0.18	0.86	<b>7.9</b>
		Oxychlordane	µg/kg	0.31	0.86	ND
		Total Chlordane	µg/kg	0.31	0.86	<b>45.9</b>
7/8/2016	MdRU-C1 Under-represented located north of Bali and Admiralty Ways Storm-borne Sediment	cis-Chlordane	µg/kg	0.26	0.77	<b>9.4</b>
		trans-Chlordane	µg/kg	0.21	0.77	<b>6.9</b>
		cis-Nonachlor	µg/kg	0.20	0.77	ND
		trans-Nonachlor	µg/kg	0.17	0.77	<b>7.3</b>
		Oxychlordane	µg/kg	0.28	0.77	ND
		Total Chlordane	µg/kg	0.28	0.77	<b>23.6</b>
7/8/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue Storm-borne Sediment	cis-Chlordane	µg/kg	0.83	2.5	<b>34</b>
		trans-Chlordane	µg/kg	0.66	2.5	<b>23</b>
		cis-Nonachlor	µg/kg	0.13	0.49	<b>10</b>
		trans-Nonachlor	µg/kg	0.53	2.5	<b>19</b>
		Oxychlordane	µg/kg	0.18	0.49	ND
		Total Chlordane	µg/kg	0.83	2.5	<b>86</b>

## Notes:

cis-Chlordane = alpha-Chlordane

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

NS - No samples were collected at MdR-4

due to on-going construction related to the Oxford Basin Multiuse Enhancement Project.

Reporting Limit - lowest concentration for which quantitative data are reported

Sample Date is date of composite sample preparation

trans-Chlordane = gamma-Chlordane

ug/kg - microgram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring - Storm-Borne Sediment**  
**2015 - 2016**

STORM-BORNE SEDIMENT ANALYTICAL RESULTS						
Composite of Storm Events						
Sample Composite Date	Station Information	PCB Congener (Co-eluting Congeners)	Units	MDL	Reporting Limit	Concentration
7/8/2016	MdR-3 Washington Boulevard and Thatcher Avenue Storm-borne Sediment	PCB 8 (PCB 5/8)	µg/kg	0.52	1.4	ND
		PCB 18	µg/kg	0.26	0.72	ND
		PCB 28	µg/kg	0.12	0.72	ND
		PCB 37	µg/kg	0.22	0.72	ND
		PCB 44	µg/kg	0.31	0.72	ND
		PCB 49	µg/kg	0.41	0.72	ND
		PCB 52	µg/kg	0.23	0.72	ND
		PCB 66	µg/kg	0.37	0.72	ND
		PCB 70	µg/kg	0.22	0.72	ND
		PCB 74	µg/kg	0.31	0.72	ND
		PCB 77	µg/kg	0.28	0.72	ND
		PCB 81	µg/kg	0.43	0.72	ND
		PCB 87	µg/kg	0.39	0.72	ND
		PCB 99	µg/kg	0.22	0.72	ND
		PCB 101	µg/kg	0.35	0.72	ND
		PCB 105	µg/kg	0.20	0.72	ND
		PCB 110	µg/kg	0.17	0.72	ND
		PCB 114	µg/kg	0.30	0.72	ND
		PCB 118	µg/kg	0.30	0.72	ND
		PCB 119	µg/kg	0.34	0.72	ND
		PCB 123	µg/kg	0.38	0.72	ND
		PCB 126	µg/kg	0.29	0.72	ND
		PCB 128	µg/kg	0.37	0.72	ND
		PCB 138 (PCB 138/158)	µg/kg	0.34	1.4	ND
		PCB 149	µg/kg	0.35	0.72	3.2
		PCB 151	µg/kg	0.24	0.72	ND
		PCB 153 (PCB 132/153)	µg/kg	0.63	1.4	5.6
		PCB 156	µg/kg	0.21	0.72	ND
		PCB 157	µg/kg	0.19	0.72	ND
		PCB 158 (see PCB 138)	NA	NA	NA	NA
PCB 167	µg/kg	0.22	0.72	ND		
PCB 168	µg/kg	0.18	0.72	ND		
PCB 169	µg/kg	0.22	0.72	ND		
PCB 170	µg/kg	0.23	0.72	ND		
PCB 177	µg/kg	0.31	0.72	ND		
PCB 180	µg/kg	0.15	0.72	ND		
PCB 183	µg/kg	0.40	0.72	ND		
PCB 187	µg/kg	0.30	0.72	ND		
PCB 189	µg/kg	0.22	0.72	ND		
PCB 194	µg/kg	0.41	0.72	ND		
PCB 195	µg/kg	0.42	0.72	ND		
PCB 201	µg/kg	0.35	0.72	ND		
PCB 206	µg/kg	0.70	0.72	15		
PCB 209	µg/kg	0.53	0.72	6.7		
	Total PCBs	µg/kg	0.70	5.8	30.5	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring - Storm-Borne Sediment  
2015 - 2016**

STORM-BORNE SEDIMENT ANALYTICAL RESULTS						
Composite of Storm Events						
Sample Composite Date	Station Information	PCB Congener (Co-eluting Congeners)	Units	MDL	Reporting Limit	Concentration
7/8/2016	MdR-4 Oxford Flood Control Basin Storm-borne Sediment	PCB 8 (PCB 5/8)	µg/kg	NS	NS	NS
		PCB 18	µg/kg	NS	NS	NS
		PCB 28	µg/kg	NS	NS	NS
		PCB 37	µg/kg	NS	NS	NS
		PCB 44	µg/kg	NS	NS	NS
		PCB 49	µg/kg	NS	NS	NS
		PCB 52	µg/kg	NS	NS	NS
		PCB 66	µg/kg	NS	NS	NS
		PCB 70	µg/kg	NS	NS	NS
		PCB 74	µg/kg	NS	NS	NS
		PCB 77	µg/kg	NS	NS	NS
		PCB 81	µg/kg	NS	NS	NS
		PCB 87	µg/kg	NS	NS	NS
		PCB 99	µg/kg	NS	NS	NS
		PCB 101	µg/kg	NS	NS	NS
		PCB 105	µg/kg	NS	NS	NS
		PCB 110	µg/kg	NS	NS	NS
		PCB 114	µg/kg	NS	NS	NS
		PCB 118	µg/kg	NS	NS	NS
		PCB 119	µg/kg	NS	NS	NS
		PCB 123	µg/kg	NS	NS	NS
		PCB 126	µg/kg	NS	NS	NS
		PCB 128	µg/kg	NS	NS	NS
		PCB 138 (PCB 138/158)	µg/kg	NS	NS	NS
		PCB 149	µg/kg	NS	NS	NS
		PCB 151	µg/kg	NS	NS	NS
		PCB 153 (PCB 132/153)	µg/kg	NS	NS	NS
		PCB 156	µg/kg	NS	NS	NS
		PCB 157	µg/kg	NS	NS	NS
		PCB 158 (see PCB 138)	NA	NS	NS	NS
PCB 167	µg/kg	NS	NS	NS		
PCB 168	µg/kg	NS	NS	NS		
PCB 169	µg/kg	NS	NS	NS		
PCB 170	µg/kg	NS	NS	NS		
PCB 177	µg/kg	NS	NS	NS		
PCB 180	µg/kg	NS	NS	NS		
PCB 183	µg/kg	NS	NS	NS		
PCB 187	µg/kg	NS	NS	NS		
PCB 189	µg/kg	NS	NS	NS		
PCB 194	µg/kg	NS	NS	NS		
PCB 195	µg/kg	NS	NS	NS		
PCB 201	µg/kg	NS	NS	NS		
PCB 206	µg/kg	NS	NS	NS		
PCB 209	µg/kg	NS	NS	NS		
	Total PCBs	µg/kg	NS	NS	NS	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring - Storm-Borne Sediment**  
**2015 - 2016**

STORM-BORNE SEDIMENT ANALYTICAL RESULTS						
Composite of Storm Events						
Sample Composite Date	Station Information	PCB Congener (Co-eluting Congeners)	Units	MDL	Reporting Limit	Concentration
7/8/2016	MdR-5 Boone-Olive Pump Station Storm-borne Sediment	PCB 8 (PCB 5/8)	µg/kg	0.62	1.7	ND
		PCB 18	µg/kg	0.30	0.85	ND
		PCB 28	µg/kg	0.14	0.85	ND
		PCB 37	µg/kg	0.26	0.85	ND
		PCB 44	µg/kg	0.37	0.85	ND
		PCB 49	µg/kg	0.48	0.85	ND
		PCB 52	µg/kg	0.27	0.85	ND
		PCB 66	µg/kg	0.44	0.85	ND
		PCB 70	µg/kg	0.25	0.85	ND
		PCB 74	µg/kg	0.37	0.85	ND
		PCB 77	µg/kg	0.33	0.85	ND
		PCB 81	µg/kg	0.51	0.85	ND
		PCB 87	µg/kg	0.46	0.85	ND
		PCB 99	µg/kg	0.26	0.85	ND
		PCB 101	µg/kg	0.42	0.85	ND
		PCB 105	µg/kg	0.23	0.85	ND
		PCB 110	µg/kg	0.20	0.85	ND
		PCB 114	µg/kg	0.35	0.85	ND
		PCB 118	µg/kg	0.36	0.85	ND
		PCB 119	µg/kg	0.40	0.85	6.4
		PCB 123	µg/kg	0.44	0.85	ND
		PCB 126	µg/kg	0.34	0.85	ND
		PCB 128	µg/kg	0.44	0.85	ND
		PCB 138 (PCB 138/158)	µg/kg	0.40	1.7	ND
		PCB 149	µg/kg	0.42	0.85	4.0
		PCB 151	µg/kg	0.29	0.85	ND
		PCB 153 (PCB 132/153)	µg/kg	0.74	1.7	ND
		PCB 156	µg/kg	0.25	0.85	ND
		PCB 157	µg/kg	0.22	0.85	ND
		PCB 158 (see PCB 138)	NA	NA	NA	NA
		PCB 167	µg/kg	0.26	0.85	ND
		PCB 168	µg/kg	0.21	0.85	ND
PCB 169	µg/kg	0.26	0.85	ND		
PCB 170	µg/kg	0.27	0.85	ND		
PCB 177	µg/kg	0.37	0.85	ND		
PCB 180	µg/kg	0.18	0.85	ND		
PCB 183	µg/kg	0.47	0.85	ND		
PCB 187	µg/kg	0.36	0.85	ND		
PCB 189	µg/kg	0.26	0.85	ND		
PCB 194	µg/kg	0.48	0.85	ND		
PCB 195	µg/kg	0.50	0.85	ND		
PCB 201	µg/kg	0.41	0.85	ND		
PCB 206	µg/kg	0.82	0.85	ND		
PCB 209	µg/kg	0.62	0.85	ND		
	Total PCBs	µg/kg	0.82	1.7	10.4	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring - Storm-Borne Sediment**  
**2015 - 2016**

STORM-BORNE SEDIMENT ANALYTICAL RESULTS						
Composite of Storm Events						
Sample Composite Date	Station Information	PCB Congener (Co-eluting Congeners)	Units	MDL	Reporting Limit	Concentration
7/8/2016	MdRU-C1	PCB 8 (PCB 5/8)	µg/kg	0.56	1.5	ND
	Under-represented located north of Bali and Admiralty Ways	PCB 18	µg/kg	0.28	0.77	ND
		PCB 28	µg/kg	0.13	0.77	ND
	Storm-borne Sediment	PCB 37	µg/kg	0.23	0.77	ND
		PCB 44	µg/kg	0.34	0.77	ND
		PCB 49	µg/kg	0.44	0.77	ND
		PCB 52	µg/kg	0.24	0.77	ND
		PCB 66	µg/kg	0.40	0.77	ND
		PCB 70	µg/kg	0.23	0.77	ND
		PCB 74	µg/kg	0.34	0.77	ND
		PCB 77	µg/kg	0.30	0.77	ND
		PCB 81	µg/kg	0.46	0.77	ND
		PCB 87	µg/kg	0.42	0.77	ND
		PCB 99	µg/kg	0.23	0.77	ND
		PCB 101	µg/kg	0.38	0.77	3.1
		PCB 105	µg/kg	0.21	0.77	ND
		PCB 110	µg/kg	0.18	0.77	3.2
		PCB 114	µg/kg	0.32	0.77	ND
		PCB 118	µg/kg	0.33	0.77	ND
		PCB 119	µg/kg	0.37	0.77	ND
		PCB 123	µg/kg	0.40	0.77	ND
		PCB 126	µg/kg	0.31	0.77	ND
		PCB 128	µg/kg	0.40	0.77	ND
		PCB 138 (PCB 138/158)	µg/kg	0.37	1.5	ND
		PCB 149	µg/kg	0.38	0.77	5.7
		PCB 151	µg/kg	0.26	0.77	ND
		PCB 153 (PCB 132/153)	µg/kg	0.67	1.5	6.8
		PCB 156	µg/kg	0.22	0.77	ND
		PCB 157	µg/kg	0.20	0.77	ND
		PCB 158 (see PCB 138)	NA	NA	NA	NA
PCB 167		µg/kg	0.24	0.77	ND	
PCB 168	µg/kg	0.19	0.77	ND		
PCB 169	µg/kg	0.24	0.77	ND		
PCB 170	µg/kg	0.25	0.77	ND		
PCB 177	µg/kg	0.34	0.77	ND		
PCB 180	µg/kg	0.16	0.77	ND		
PCB 183	µg/kg	0.43	0.77	ND		
PCB 187	µg/kg	0.33	0.77	ND		
PCB 189	µg/kg	0.24	0.77	ND		
PCB 194	µg/kg	0.43	0.77	ND		
PCB 195	µg/kg	0.45	0.77	ND		
PCB 201	µg/kg	0.37	0.77	ND		
PCB 206	µg/kg	0.75	0.77	ND		
PCB 209	µg/kg	0.56	0.77	ND		
	Total PCBs	µg/kg	0.75	9.3	18.8	



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring - Storm-Borne Sediment**  
**2015 - 2016**

STORM-BORNE SEDIMENT ANALYTICAL RESULTS						
Composite of Storm Events						
Sample Composite Date	Station Information	PCB Congener (Co-eluting Congeners)	Units	MDL	Reporting Limit	Concentration
7/8/2016	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue Storm-borne Sediment	PCB 8 (PCB 5/8)	µg/kg	3.6	9.9	ND
		PCB 18	µg/kg	1.8	5.0	ND
		PCB 28	µg/kg	0.8	5.00	ND
		PCB 37	µg/kg	1.5	5.0	ND
		PCB 44	µg/kg	2.2	5.0	ND
		PCB 49	µg/kg	2.8	5.0	ND
		PCB 52	µg/kg	1.6	5.0	ND
		PCB 66	µg/kg	2.5	5.0	ND
		PCB 70	µg/kg	1.5	5.0	ND
		PCB 74	µg/kg	2.2	5.0	ND
		PCB 77	µg/kg	1.9	5.0	ND
		PCB 81	µg/kg	3.0	5.0	ND
		PCB 87	µg/kg	2.7	5.0	ND
		PCB 99	µg/kg	1.5	5.0	ND
		PCB 101	µg/kg	2.4	5.0	ND
		PCB 105	µg/kg	1.4	5.0	ND
		PCB 110	µg/kg	1.1	5.0	ND
		PCB 114	µg/kg	2.0	5.0	ND
		PCB 118	µg/kg	2.1	5.0	ND
		PCB 119	µg/kg	2.3	5.0	ND
		PCB 123	µg/kg	2.6	5.0	ND
		PCB 126	µg/kg	2.0	5.0	ND
		PCB 128	µg/kg	2.5	5.0	ND
		PCB 138 (PCB 138/158)	µg/kg	2.3	10	ND
		PCB 149	µg/kg	2.4	5.0	ND
		PCB 151	µg/kg	1.7	5.0	ND
		PCB 153 (PCB 132/153)	µg/kg	4.3	9.9	ND
		PCB 156	µg/kg	1.4	5.0	ND
		PCB 157	µg/kg	1.3	5.0	ND
		PCB 158 (see PCB 138)	NA	NA	NA	NA
PCB 167	µg/kg	1.5	5.0	ND		
PCB 168	µg/kg	1.2	5.0	ND		
PCB 169	µg/kg	1.5	5.0	ND		
PCB 170	µg/kg	1.6	5.0	ND		
PCB 177	µg/kg	2.2	5.0	ND		
PCB 180	µg/kg	1.0	5.0	ND		
PCB 183	µg/kg	2.7	5.0	ND		
PCB 187	µg/kg	2.1	5.0	ND		
PCB 189	µg/kg	1.5	5.0	ND		
PCB 194	µg/kg	2.8	5.0	ND		
PCB 195	µg/kg	2.9	5.0	ND		
PCB 201	µg/kg	2.4	5.0	ND		
PCB 206	µg/kg	4.8	5.0	ND		
PCB 209	µg/kg	3.6	5.0	ND		
Total PCBs	µg/kg	4.8	9.9	ND		

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Wet-Weather Monitoring - Storm-Borne Sediment  
2015 - 2016**

STORM-BORNE SEDIMENT ANALYTICAL RESULTS Composite of Storm Events						
Sample Composite Date	Station Information	PCB Congener (Co-eluting Congeners)	Units	MDL	Reporting Limit	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not applicable

ND - Analyte not detected at or above the method detection limit

NS - No samples were collected at MdR-4

due to on-going construction related to the Oxford Basin Multiuse Enhancement Project

Reporting Limit - lowest concentration for which quantitative data are reported

Some PCB congeners co-elute, cannot be separated by the method, and are reported as the summation of the co-eluting compounds.

µg/kg - microgram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring - Storm-borne Sediment**  
**2015 - 2016**

STORM-BORNE SEDIMENT LOADING ESTIMATES		
Station Information	Chemical Constituent	Total <sup>1,2</sup> (kg) (Sum of Storms)
MdR-3 <sup>3,4</sup>	Copper	7.56E-01
	Lead	3.86E-01
	Zinc	4.55E+00
	Total Chlordane	1.85E-04
	Total PCBs	1.01E-04
Station Information	Chemical Constituent	Total <sup>1,2</sup> (kg) (Sum of Storms)
MdR-4 <sup>3</sup>	Copper	Not Available
	Lead	Not Available
	Zinc	Not Available
	Total Chlordane	Not Available
	Total PCBs	Not Available
Station Information	Chemical Constituent	Total <sup>1,2</sup> (kg) (Sum of Storms)
MdR-5	Copper	9.73E-01
	Lead	4.06E-01
	Zinc	4.12E+00
	Total Chlordane	1.46E-04
	Total PCBs	3.30E-05
Station Information	Chemical Constituent	Total <sup>1,2</sup> (kg) (Sum of Storms)
MdRU-C1 <sup>5</sup>	Copper	6.08E-01
	Lead	1.97E-01
	Zinc	2.97E+00
	Total Chlordane	3.96E-05
	Total PCBs	3.16E-05
Station Information	Chemical Constituent	Total <sup>1,2</sup> (kg) (Sum of Storms)
MdRU-C2 <sup>3,6</sup>	Copper	1.99E-01
	Lead	1.17E-01
	Zinc	1.71E+00
	Total Chlordane	1.34E-04
	Total PCBs	ND
Station Information	Chemical Constituent	Total <sup>1,2</sup> (kg) (Sum of Storms)
Total (Sum of Locations)	Copper	2.54E+00
	Lead	1.11E+00
	Zinc	1.34E+01
	Total Chlordane	5.04E-04
	Total PCBs	1.65E-04



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## **Benthic Sediment Quality Data**

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**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: August 2015 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
8/19/2015	MdrRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper	mg/kg	0.271	1.01	34	<b>366</b>
		Lead	mg/kg	0.265	1.01	46.7	<b>60.1</b>
		Zinc	mg/kg	0.357	2.01	150	<b>361</b>
8/19/2015	MdrRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper	mg/kg	0.385	1.43	34	<b>522</b>
		Lead	mg/kg	0.376	1.43	46.7	<b>94.7</b>
		Zinc	mg/kg	0.507	2.86	150	<b>541</b>
8/19/2015	MdrRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper	mg/kg	0.333	1.23	34	<b>476</b>
		Lead	mg/kg	0.325	1.23	46.7	<b>97.1</b>
		Zinc	mg/kg	0.438	2.47	150	<b>490</b>
8/19/2015	MdrRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper	mg/kg	0.300	1.11	34	<b>302</b>
		Lead	mg/kg	0.293	1.11	46.7	<b>67.7</b>
		Zinc	mg/kg	0.395	2.22	150	<b>358</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: September 2015 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
9/10/2015	MdrRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper	mg/kg	0.266	0.986	34	<b>382</b>
		Lead	mg/kg	0.260	0.986	46.7	<b>59.4</b>
		Zinc	mg/kg	0.350	1.97	150	<b>365</b>
9/10/2015	MdrRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper	mg/kg	0.354	1.31	34	<b>589</b>
		Lead	mg/kg	0.346	1.31	46.7	<b>105</b>
		Zinc	mg/kg	0.467	2.63	150	<b>592</b>
9/10/2015	MdrRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper	mg/kg	0.343	1.27	34	<b>547</b>
		Lead	mg/kg	0.335	1.27	46.7	<b>109</b>
		Zinc	mg/kg	0.452	2.55	150	<b>538</b>
9/10/2015	MdrRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper	mg/kg	0.266	0.989	34	<b>297</b>
		Lead	mg/kg	0.260	0.989	46.7	<b>67.8</b>
		Zinc	mg/kg	0.351	1.98	150	<b>352</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: October 2015 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
10/7/2015	MdrRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper	mg/kg	0.266	0.988	34	<b>314</b>
		Lead	mg/kg	0.260	0.988	46.7	<b>62.4</b>
		Zinc	mg/kg	0.351	1.98	150	<b>321</b>
10/7/2015	MdrRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper	mg/kg	0.382	1.42	34	<b>486</b>
		Lead	mg/kg	0.374	1.42	46.7	<b>95.1</b>
		Zinc	mg/kg	0.504	2.84	150	<b>523</b>
10/7/2015	MdrRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper	mg/kg	0.330	1.22	34	<b>404</b>
		Lead	mg/kg	0.322	1.22	46.7	<b>90.7</b>
		Zinc	mg/kg	0.434	2.45	150	<b>416</b>
10/7/2015	MdrRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper	mg/kg	0.285	1.06	34	<b>294</b>
		Lead	mg/kg	0.278	1.06	46.7	<b>70.3</b>
		Zinc	mg/kg	0.375	2.11	150	<b>338</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: November 2015 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
11/11/2015	MdRH-B-1	Copper	mg/kg	0.273	1.01	34	<b>420</b>
	Back Harbor	Lead	mg/kg	0.267	1.01	46.7	<b>65.6</b>
	Basin D Saltwater Sediment	Zinc	mg/kg	0.360	2.03	150	<b>389</b>
11/11/2015	MdRH-B-2	Copper	mg/kg	0.386	1.43	34	<b>557</b>
	Back Harbor	Lead	mg/kg	0.377	1.43	46.7	<b>101</b>
	Basin E Saltwater Sediment	Zinc	mg/kg	0.508	2.86	150	<b>571</b>
11/11/2015	MdRH-B-3	Copper	mg/kg	0.368	1.37	34	<b>512</b>
	Back Harbor	Lead	mg/kg	0.360	1.37	46.7	<b>101</b>
	Basin F Saltwater Sediment	Zinc	mg/kg	0.485	2.73	150	<b>501</b>
11/11/2015	MdRH-B-4	Copper	mg/kg	0.326	1.21	34	<b>317</b>
	Back Harbor	Lead	mg/kg	0.318	1.21	46.7	<b>72.1</b>
	Basin - End of Channel Saltwater Sediment	Zinc	mg/kg	0.429	2.42	150	<b>365</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: December 2015 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
12/9/2015	MdrRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper	mg/kg	0.301	1.12	34	<b>415</b>
		Lead	mg/kg	0.294	1.12	46.7	<b>67.5</b>
		Zinc	mg/kg	0.397	2.24	150	<b>385</b>
12/9/2015	MdrRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper	mg/kg	0.361	1.34	34	<b>501</b>
		Lead	mg/kg	0.352	1.34	46.7	<b>94.1</b>
		Zinc	mg/kg	0.475	2.68	150	<b>506</b>
12/9/2015	MdrRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper	mg/kg	0.371	1.38	34	<b>380</b>
		Lead	mg/kg	0.363	1.38	46.7	<b>81.2</b>
		Zinc	mg/kg	0.489	2.76	150	<b>381</b>
12/9/2015	MdrRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper	mg/kg	0.298	1.11	34	<b>306</b>
		Lead	mg/kg	0.291	1.11	46.7	<b>70.8</b>
		Zinc	mg/kg	0.392	2.21	150	<b>351</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: January 2016 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
1/13/2016	MdRH-B-1	Copper	mg/kg	0.293	1.09	34	<b>439</b>
	Back Harbor	Lead	mg/kg	0.287	1.09	46.7	<b>73.4</b>
	Basin D Saltwater Sediment	Zinc	mg/kg	0.386	2.18	150	<b>421</b>
1/13/2016	MdRH-B-2	Copper	mg/kg	0.386	1.43	34	<b>582</b>
	Back Harbor	Lead	mg/kg	0.377	1.43	46.7	<b>112</b>
	Basin E Saltwater Sediment	Zinc	mg/kg	0.508	2.86	150	<b>645</b>
1/13/2016	MdRH-B-3	Copper	mg/kg	0.343	1.27	34	<b>539</b>
	Back Harbor	Lead	mg/kg	0.335	1.27	46.7	<b>114</b>
	Basin F Saltwater Sediment	Zinc	mg/kg	0.452	2.54	150	<b>563</b>
1/13/2016	MdRH-B-4	Copper	mg/kg	0.308	1.14	34	<b>336</b>
	Back Harbor	Lead	mg/kg	0.301	1.14	46.7	<b>76.9</b>
	Basin - End of Channel Saltwater Sediment	Zinc	mg/kg	0.405	2.28	150	<b>406</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: February 2016 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
2/26/2016	MdrRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper	mg/kg	0.873	3.24	34	<b>1,060</b>
		Lead	mg/kg	0.854	3.24	46.7	<b>178</b>
		Zinc	mg/kg	1.15	6.48	150	<b>1,060</b>
2/26/2016	MdrRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper	mg/kg	0.303	1.12	34	<b>426</b>
		Lead	mg/kg	0.296	1.12	46.7	<b>81.8</b>
		Zinc	mg/kg	0.399	2.25	150	<b>440</b>
2/26/2016	MdrRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper	mg/kg	0.299	1.11	34	<b>400</b>
		Lead	mg/kg	0.292	1.11	46.7	<b>80.0</b>
		Zinc	mg/kg	0.393	2.22	150	<b>398</b>
2/26/2016	MdrRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper	mg/kg	0.281	1.04	34	<b>304</b>
		Lead	mg/kg	0.275	1.04	46.7	<b>69.4</b>
		Zinc	mg/kg	0.370	2.09	150	<b>354</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: March 2016 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
3/11/2016	MdrRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper	mg/kg	0.287	1.07	34	<b>383</b>
		Lead	mg/kg	0.281	1.07	46.7	<b>66.2</b>
		Zinc	mg/kg	0.379	2.13	150	<b>379</b>
3/11/2016	MdrRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper	mg/kg	0.408	1.51	34	<b>560</b>
		Lead	mg/kg	0.399	1.51	46.7	<b>107</b>
		Zinc	mg/kg	0.538	3.03	150	<b>608</b>
3/11/2016	MdrRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper	mg/kg	0.332	1.23	34	<b>449</b>
		Lead	mg/kg	0.325	1.23	46.7	<b>92.1</b>
		Zinc	mg/kg	0.438	2.47	150	<b>456</b>
3/11/2016	MdrRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper	mg/kg	0.283	1.05	34	<b>285</b>
		Lead	mg/kg	0.276	1.05	46.7	<b>67.8</b>
		Zinc	mg/kg	0.373	2.10	150	<b>356</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: April 2016 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
4/28/2016	MdRH-B-1	Copper	mg/kg	0.247	0.918	34	<b>377</b>
	Back Harbor	Lead	mg/kg	0.242	0.918	46.7	<b>61.8</b>
	Basin D Saltwater Sediment	Zinc	mg/kg	0.326	1.84	150	<b>362</b>
4/28/2016	MdRH-B-2	Copper	mg/kg	0.369	1.37	34	<b>509</b>
	Back Harbor	Lead	mg/kg	0.360	1.37	46.7	<b>103</b>
	Basin E Saltwater Sediment	Zinc	mg/kg	0.486	2.74	150	<b>530</b>
4/28/2016	MdRH-B-3	Copper	mg/kg	0.334	1.24	34	<b>445</b>
	Back Harbor	Lead	mg/kg	0.326	1.24	46.7	<b>91.2</b>
	Basin F Saltwater Sediment	Zinc	mg/kg	0.440	2.48	150	<b>450</b>
4/28/2016	MdRH-B-4	Copper	mg/kg	0.276	1.02	34	<b>289</b>
	Back Harbor	Lead	mg/kg	0.270	1.02	46.7	<b>67.3</b>
	Basin - End of Channel Saltwater Sediment	Zinc	mg/kg	0.364	2.05	150	<b>342</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: May 2016 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
5/23/2016	MdRH-B-1	Copper	mg/kg	0.285	1.06	34	<b>322</b>
	Back Harbor	Lead	mg/kg	0.278	1.06	46.7	<b>55.1</b>
	Basin D Saltwater Sediment	Zinc	mg/kg	0.375	2.11	150	<b>305</b>
5/23/2016	MdRH-B-2	Copper	mg/kg	0.391	1.45	34	<b>505</b>
	Back Harbor	Lead	mg/kg	0.382	1.45	46.7	<b>100</b>
	Basin E Saltwater Sediment	Zinc	mg/kg	0.515	2.90	150	<b>520</b>
5/23/2016	MdRH-B-3	Copper	mg/kg	0.359	1.33	34	<b>477</b>
	Back Harbor	Lead	mg/kg	0.350	1.33	46.7	<b>99.1</b>
	Basin F Saltwater Sediment	Zinc	mg/kg	0.473	2.66	150	<b>462</b>
5/23/2016	MdRH-B-4	Copper	mg/kg	0.339	1.26	34	<b>260</b>
	Back Harbor	Lead	mg/kg	0.331	1.26	46.7	<b>63.3</b>
	Basin - End of Channel Saltwater Sediment	Zinc	mg/kg	0.447	2.52	150	<b>297</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: June 2016 DRY WEATHER							
Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
6/23/2016	MdrRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper	mg/kg	0.269	0.996	34	<b>338</b>
		Lead	mg/kg	0.262	0.996	46.7	<b>56.7</b>
		Zinc	mg/kg	0.354	1.99	150	<b>303</b>
6/23/2016	MdrRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper	mg/kg	0.396	1.47	34	<b>394</b>
		Lead	mg/kg	0.387	1.47	46.7	<b>73.0</b>
		Zinc	mg/kg	0.522	2.94	150	<b>385</b>
6/23/2016	MdrRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper	mg/kg	0.326	1.21	34	<b>431</b>
		Lead	mg/kg	0.319	1.21	46.7	<b>83.2</b>
		Zinc	mg/kg	0.430	2.42	150	<b>393</b>
6/23/2016	MdrRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper	mg/kg	0.303	1.12	34	<b>296</b>
		Lead	mg/kg	0.296	1.12	46.7	<b>65.0</b>
		Zinc	mg/kg	0.399	2.25	150	<b>315</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: August 2015 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
8/19/2015	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	0.31	0.97	0.50	ND
		Aroclor 1016	µg/kg	8.1	19	22.7	ND
		Aroclor 1221	µg/kg	16	19	22.7	ND
		Aroclor 1232	µg/kg	9.8	19	22.7	ND
		Aroclor 1242	µg/kg	9.9	19	22.7	ND
		Aroclor 1248	µg/kg	12	19	22.7	ND
		Aroclor 1254	µg/kg	12	19	22.7	45
		Aroclor 1260	µg/kg	12	19	22.7	44
		Aroclor 1262	µg/kg	13	19	22.7	ND
		Total PCBs	µg/kg	16	19	22.7	89
8/19/2015	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.45	1.4	0.50	ND
		Aroclor 1016	µg/kg	11	28	22.7	ND
		Aroclor 1221	µg/kg	23	28	22.7	ND
		Aroclor 1232	µg/kg	14	28	22.7	ND
		Aroclor 1242	µg/kg	14	28	22.7	ND
		Aroclor 1248	µg/kg	18	28	22.7	ND
		Aroclor 1254	µg/kg	17	28	22.7	64
		Aroclor 1260	µg/kg	17	28	22.7	83
		Aroclor 1262	µg/kg	18	28	22.7	ND
		Total PCBs	µg/kg	23	28	22.7	147
8/19/2015	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.40	1.2	0.50	ND
		Aroclor 1016	µg/kg	10	25	22.7	ND
		Aroclor 1221	µg/kg	21	25	22.7	ND
		Aroclor 1232	µg/kg	12	25	22.7	ND
		Aroclor 1242	µg/kg	13	25	22.7	ND
		Aroclor 1248	µg/kg	16	25	22.7	ND
		Aroclor 1254	µg/kg	16	25	22.7	61
		Aroclor 1260	µg/kg	16	25	22.7	47
		Aroclor 1262	µg/kg	16	25	22.7	ND
		Total PCBs	µg/kg	21	25	22.7	108
8/19/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.36	1.1	0.50	ND
		Aroclor 1016	µg/kg	9.2	22	22.7	ND
		Aroclor 1221	µg/kg	19	22	22.7	ND
		Aroclor 1232	µg/kg	11	22	22.7	ND
		Aroclor 1242	µg/kg	11	22	22.7	ND
		Aroclor 1248	µg/kg	14	22	22.7	ND
		Aroclor 1254	µg/kg	14	22	22.7	44
		Aroclor 1260	µg/kg	14	22	22.7	50
		Aroclor 1262	µg/kg	14	22	22.7	ND
		Total PCBs	µg/kg	19	22	22.7	94



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: August 2015 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

\* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

µg/kg - microgram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: September 2015 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
9/10/2015	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	0.31	0.96	0.50	ND
		Aroclor 1016	µg/kg	7.9	19	22.7	ND
		Aroclor 1221	µg/kg	16	19	22.7	ND
		Aroclor 1232	µg/kg	9.6	19	22.7	ND
		Aroclor 1242	µg/kg	9.7	19	22.7	ND
		Aroclor 1248	µg/kg	12	19	22.7	ND
		Aroclor 1254	µg/kg	12	19	22.7	<b>32</b>
		Aroclor 1260	µg/kg	12	19	22.7	<b>38</b>
		Aroclor 1262	µg/kg	12	19	22.7	ND
		Total PCBs	µg/kg	16	19	22.7	<b>70</b>
9/10/2015	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.44	1.4	0.50	ND
		Aroclor 1016	µg/kg	11	27	22.7	ND
		Aroclor 1221	µg/kg	23	27	22.7	ND
		Aroclor 1232	µg/kg	14	27	22.7	ND
		Aroclor 1242	µg/kg	14	27	22.7	ND
		Aroclor 1248	µg/kg	17	27	22.7	ND
		Aroclor 1254	µg/kg	17	27	22.7	<b>63</b>
		Aroclor 1260	µg/kg	17	27	22.7	<b>85</b>
		Aroclor 1262	µg/kg	18	27	22.7	ND
		Total PCBs	µg/kg	23	27	22.7	<b>148</b>
9/10/2015	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.42	1.3	0.50	ND
		Aroclor 1016	µg/kg	11	26	22.7	ND
		Aroclor 1221	µg/kg	22	26	22.7	ND
		Aroclor 1232	µg/kg	13	26	22.7	ND
		Aroclor 1242	µg/kg	13	26	22.7	ND
		Aroclor 1248	µg/kg	17	26	22.7	ND
		Aroclor 1254	µg/kg	16	26	22.7	<b>75</b>
		Aroclor 1260	µg/kg	16	26	22.7	<b>76</b>
		Aroclor 1262	µg/kg	17	26	22.7	ND
		Total PCBs	µg/kg	22	26	22.7	<b>151</b>
9/10/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.33	1.0	0.50	ND
		Aroclor 1016	µg/kg	8.6	21	22.7	ND
		Aroclor 1221	µg/kg	17	21	22.7	ND
		Aroclor 1232	µg/kg	10	21	22.7	ND
		Aroclor 1242	µg/kg	10	21	22.7	ND
		Aroclor 1248	µg/kg	13	21	22.7	ND
		Aroclor 1254	µg/kg	13	21	22.7	<b>41</b>
		Aroclor 1260	µg/kg	13	21	22.7	<b>50</b>
		Aroclor 1262	µg/kg	13	21	22.7	ND
		Total PCBs	µg/kg	17	21	22.7	<b>91</b>

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: September 2015 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

\* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

µg/kg - microgram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: October 2015 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
10/7/2015	MdrRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	0.32	0.99	0.50	ND
		Aroclor 1016	µg/kg	8.2	20	22.7	ND
		Aroclor 1221	µg/kg	17	20	22.7	ND
		Aroclor 1232	µg/kg	9.9	20	22.7	ND
		Aroclor 1242	µg/kg	10	20	22.7	ND
		Aroclor 1248	µg/kg	12	20	22.7	ND
		Aroclor 1254	µg/kg	12	20	22.7	110
		Aroclor 1260	µg/kg	12	20	22.7	100
		Aroclor 1262	µg/kg	13	20	22.7	ND
		Total PCBs	µg/kg	17	20	22.7	210
10/7/2015	MdrRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.48	1.5	0.50	ND
		Aroclor 1016	µg/kg	12	30	22.7	ND
		Aroclor 1221	µg/kg	25	30	22.7	ND
		Aroclor 1232	µg/kg	15	30	22.7	ND
		Aroclor 1242	µg/kg	15	30	22.7	ND
		Aroclor 1248	µg/kg	19	30	22.7	ND
		Aroclor 1254	µg/kg	19	30	22.7	100
		Aroclor 1260	µg/kg	19	30	22.7	85
		Aroclor 1262	µg/kg	19	30	22.7	ND
		Total PCBs	µg/kg	25	30	22.7	185
10/7/2015	MdrRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.39	1.2	0.50	ND
		Aroclor 1016	µg/kg	10	24	22.7	ND
		Aroclor 1221	µg/kg	20	24	22.7	ND
		Aroclor 1232	µg/kg	12	24	22.7	ND
		Aroclor 1242	µg/kg	12	24	22.7	ND
		Aroclor 1248	µg/kg	15	24	22.7	ND
		Aroclor 1254	µg/kg	15	24	22.7	100
		Aroclor 1260	µg/kg	15	24	22.7	77
		Aroclor 1262	µg/kg	16	24	22.7	ND
		Total PCBs	µg/kg	20	24	22.7	177
10/7/2015	MdrRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.34	1.1	0.50	ND
		Aroclor 1016	µg/kg	8.9	21	22.7	ND
		Aroclor 1221	µg/kg	18	21	22.7	ND
		Aroclor 1232	µg/kg	11	21	22.7	ND
		Aroclor 1242	µg/kg	11	21	22.7	ND
		Aroclor 1248	µg/kg	14	21	22.7	ND
		Aroclor 1254	µg/kg	14	21	22.7	67
		Aroclor 1260	µg/kg	14	21	22.7	58
		Aroclor 1262	µg/kg	14	21	22.7	ND
		Total PCBs	µg/kg	18	21	22.7	125

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: October 2015 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

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µg/kg - microgram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: November 2015 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
11/11/2015	MdrRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	0.34	1.1	0.50	ND
		Aroclor 1016	µg/kg	8.7	21	22.7	ND
		Aroclor 1221	µg/kg	18	21	22.7	ND
		Aroclor 1232	µg/kg	11	21	22.7	ND
		Aroclor 1242	µg/kg	11	21	22.7	ND
		Aroclor 1248	µg/kg	13	21	22.7	ND
		Aroclor 1254	µg/kg	13	21	22.7	<b>24</b>
		Aroclor 1260	µg/kg	13	21	22.7	<b>29</b>
		Aroclor 1262	µg/kg	14	21	22.7	ND
		Total PCBs	µg/kg	18	21	22.7	<b>53</b>
11/11/2015	MdrRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.47	1.5	0.50	ND
		Aroclor 1016	µg/kg	12	29	22.7	ND
		Aroclor 1221	µg/kg	25	29	22.7	ND
		Aroclor 1232	µg/kg	15	29	22.7	ND
		Aroclor 1242	µg/kg	15	29	22.7	ND
		Aroclor 1248	µg/kg	19	29	22.7	ND
		Aroclor 1254	µg/kg	19	29	22.7	<b>35</b>
		Aroclor 1260	µg/kg	19	29	22.7	<b>43</b>
		Aroclor 1262	µg/kg	19	29	22.7	ND
		Total PCBs	µg/kg	25	29	22.7	<b>78</b>
11/11/2015	MdrRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.44	1.4	0.50	ND
		Aroclor 1016	µg/kg	11	27	22.7	ND
		Aroclor 1221	µg/kg	23	27	22.7	ND
		Aroclor 1232	µg/kg	14	27	22.7	ND
		Aroclor 1242	µg/kg	14	27	22.7	ND
		Aroclor 1248	µg/kg	17	27	22.7	ND
		Aroclor 1254	µg/kg	17	27	22.7	<b>36</b>
		Aroclor 1260	µg/kg	17	27	22.7	<b>47</b>
		Aroclor 1262	µg/kg	18	27	22.7	ND
		Total PCBs	µg/kg	23	27	22.7	<b>83</b>
11/11/2015	MdrRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.38	1.2	0.50	ND
		Aroclor 1016	µg/kg	9.8	24	22.7	ND
		Aroclor 1221	µg/kg	20	24	22.7	ND
		Aroclor 1232	µg/kg	12	24	22.7	ND
		Aroclor 1242	µg/kg	12	24	22.7	ND
		Aroclor 1248	µg/kg	15	24	22.7	ND
		Aroclor 1254	µg/kg	15	24	22.7	<b>30</b>
		Aroclor 1260	µg/kg	15	24	22.7	<b>39</b>
		Aroclor 1262	µg/kg	15	24	22.7	ND
		Total PCBs	µg/kg	20	24	22.7	<b>69</b>

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: November 2015 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

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Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

\* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

µg/kg - microgram per kilogram, dry weight basis



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: December 2015 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
12/9/2015	MdrRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	0.36	1.1	0.50	ND
		Aroclor 1016	µg/kg	9.3	22	22.7	ND
		Aroclor 1221	µg/kg	19	22	22.7	ND
		Aroclor 1232	µg/kg	11	22	22.7	ND
		Aroclor 1242	µg/kg	11	22	22.7	ND
		Aroclor 1248	µg/kg	14	22	22.7	ND
		Aroclor 1254	µg/kg	14	22	22.7	31
		Aroclor 1260	µg/kg	14	22	22.7	28
		Aroclor 1262	µg/kg	15	22	22.7	ND
		Total PCBs	µg/kg	19	22	22.7	59
12/9/2015	MdrRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.45	1.4	0.50	ND
		Aroclor 1016	µg/kg	11	28	22.7	ND
		Aroclor 1221	µg/kg	23	28	22.7	ND
		Aroclor 1232	µg/kg	14	28	22.7	ND
		Aroclor 1242	µg/kg	14	28	22.7	ND
		Aroclor 1248	µg/kg	18	28	22.7	ND
		Aroclor 1254	µg/kg	17	28	22.7	34
		Aroclor 1260	µg/kg	17	28	22.7	37
		Aroclor 1262	µg/kg	18	28	22.7	ND
		Total PCBs	µg/kg	23	28	22.7	71
12/9/2015	MdrRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.42	1.3	0.50	ND
		Aroclor 1016	µg/kg	11	26	22.7	ND
		Aroclor 1221	µg/kg	22	26	22.7	ND
		Aroclor 1232	µg/kg	13	26	22.7	ND
		Aroclor 1242	µg/kg	13	26	22.7	ND
		Aroclor 1248	µg/kg	17	26	22.7	ND
		Aroclor 1254	µg/kg	17	26	22.7	44
		Aroclor 1260	µg/kg	17	26	22.7	44
		Aroclor 1262	µg/kg	17	26	22.7	ND
		Total PCBs	µg/kg	22	26	22.7	88
12/9/2015	MdrRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.35	1.1	0.50	ND
		Aroclor 1016	µg/kg	8.9	21	22.7	ND
		Aroclor 1221	µg/kg	18	21	22.7	ND
		Aroclor 1232	µg/kg	11	21	22.7	ND
		Aroclor 1242	µg/kg	11	21	22.7	ND
		Aroclor 1248	µg/kg	14	21	22.7	ND
		Aroclor 1254	µg/kg	14	21	22.7	31
		Aroclor 1260	µg/kg	14	21	22.7	37
		Aroclor 1262	µg/kg	14	21	22.7	ND
		Total PCBs	µg/kg	18	21	22.7	68

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: December 2015 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

\* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

µg/kg - microgram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: January 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
1/13/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	0.36	1.1	0.50	ND
		Aroclor 1016	µg/kg	9.3	22	22.7	ND
		Aroclor 1221	µg/kg	19	22	22.7	ND
		Aroclor 1232	µg/kg	11	22	22.7	ND
		Aroclor 1242	µg/kg	11	22	22.7	ND
		Aroclor 1248	µg/kg	14	22	22.7	ND
		Aroclor 1254	µg/kg	14	22	22.7	53
		Aroclor 1260	µg/kg	14	22	22.7	50
		Aroclor 1262	µg/kg	15	22	22.7	ND
		Total PCBs	µg/kg	19	22	22.7	103
1/13/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.46	1.4	0.50	ND
		Aroclor 1016	µg/kg	12	28	22.7	ND
		Aroclor 1221	µg/kg	24	28	22.7	ND
		Aroclor 1232	µg/kg	14	28	22.7	ND
		Aroclor 1242	µg/kg	14	28	22.7	ND
		Aroclor 1248	µg/kg	18	28	22.7	ND
		Aroclor 1254	µg/kg	18	28	22.7	71
		Aroclor 1260	µg/kg	18	28	22.7	57
		Aroclor 1262	µg/kg	18	28	22.7	ND
		Total PCBs	µg/kg	24	28	22.7	128
1/13/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.41	1.3	0.50	ND
		Aroclor 1016	µg/kg	11	26	22.7	ND
		Aroclor 1221	µg/kg	22	26	22.7	ND
		Aroclor 1232	µg/kg	13	26	22.7	ND
		Aroclor 1242	µg/kg	13	26	22.7	ND
		Aroclor 1248	µg/kg	16	26	22.7	ND
		Aroclor 1254	µg/kg	16	26	22.7	82
		Aroclor 1260	µg/kg	16	26	22.7	67
		Aroclor 1262	µg/kg	17	26	22.7	ND
		Total PCBs	µg/kg	22	26	22.7	149
1/13/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.35	1.1	0.50	ND
		Aroclor 1016	µg/kg	9.0	21	22.7	ND
		Aroclor 1221	µg/kg	18	21	22.7	ND
		Aroclor 1232	µg/kg	11	21	22.7	ND
		Aroclor 1242	µg/kg	11	21	22.7	ND
		Aroclor 1248	µg/kg	14	21	22.7	ND
		Aroclor 1254	µg/kg	14	21	22.7	67
		Aroclor 1260	µg/kg	14	21	22.7	160
		Aroclor 1262	µg/kg	14	21	22.7	ND
		Total PCBs	µg/kg	18	21	22.7	227

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: January 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

\* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

µg/kg - microgram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: February 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
2/26/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	1.1	3.3	0.50	ND
		Aroclor 1016	µg/kg	27	66	22.7	ND
		Aroclor 1221	µg/kg	56	66	22.7	ND
		Aroclor 1232	µg/kg	33	66	22.7	ND
		Aroclor 1242	µg/kg	34	66	22.7	ND
		Aroclor 1248	µg/kg	42	66	22.7	ND
		Aroclor 1254	µg/kg	42	66	22.7	170
		Aroclor 1260	µg/kg	42	66	22.7	140
		Aroclor 1262	µg/kg	43	66	22.7	ND
		Total PCBs	µg/kg	56	66	22.7	310
2/26/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.35	1.1	0.50	ND
		Aroclor 1016	µg/kg	9.1	22	22.7	ND
		Aroclor 1221	µg/kg	18	22	22.7	ND
		Aroclor 1232	µg/kg	11	22	22.7	ND
		Aroclor 1242	µg/kg	11	22	22.7	ND
		Aroclor 1248	µg/kg	14	22	22.7	ND
		Aroclor 1254	µg/kg	14	22	22.7	72
		Aroclor 1260	µg/kg	14	22	22.7	61
		Aroclor 1262	µg/kg	14	22	22.7	ND
		Total PCBs	µg/kg	18	22	22.7	133
2/26/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.37	1.2	0.50	ND
		Aroclor 1016	µg/kg	9.5	23	22.7	ND
		Aroclor 1221	µg/kg	19	23	22.7	ND
		Aroclor 1232	µg/kg	11	23	22.7	ND
		Aroclor 1242	µg/kg	12	23	22.7	ND
		Aroclor 1248	µg/kg	15	23	22.7	ND
		Aroclor 1254	µg/kg	14	23	22.7	79
		Aroclor 1260	µg/kg	14	23	22.7	64
		Aroclor 1262	µg/kg	15	23	22.7	ND
		Total PCBs	µg/kg	19	23	22.7	143
2/26/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.35	1.1	0.50	ND
		Aroclor 1016	µg/kg	9.0	22	22.7	ND
		Aroclor 1221	µg/kg	18	22	22.7	ND
		Aroclor 1232	µg/kg	11	22	22.7	ND
		Aroclor 1242	µg/kg	11	22	22.7	ND
		Aroclor 1248	µg/kg	14	22	22.7	ND
		Aroclor 1254	µg/kg	14	22	22.7	67
		Aroclor 1260	µg/kg	14	22	22.7	55
		Aroclor 1262	µg/kg	14	22	22.7	ND
		Total PCBs	µg/kg	18	22	22.7	122

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: February 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

\* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

µg/kg - microgram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: March 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
3/11/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	0.33	1.0	0.50	ND
		Aroclor 1016	µg/kg	8.6	21	22.7	ND
		Aroclor 1221	µg/kg	17	21	22.7	ND
		Aroclor 1232	µg/kg	10	21	22.7	ND
		Aroclor 1242	µg/kg	10	21	22.7	ND
		Aroclor 1248	µg/kg	13	21	22.7	ND
		Aroclor 1254	µg/kg	13	21	22.7	<b>37</b>
		Aroclor 1260	µg/kg	13	21	22.7	<b>40</b>
		Aroclor 1262	µg/kg	13	21	22.7	ND
		Total PCBs	µg/kg	17	21	22.7	<b>77</b>
3/11/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.47	1.5	0.50	ND
		Aroclor 1016	µg/kg	12	29	22.7	ND
		Aroclor 1221	µg/kg	25	29	22.7	ND
		Aroclor 1232	µg/kg	15	29	22.7	ND
		Aroclor 1242	µg/kg	15	29	22.7	ND
		Aroclor 1248	µg/kg	19	29	22.7	ND
		Aroclor 1254	µg/kg	18	29	22.7	<b>58</b>
		Aroclor 1260	µg/kg	18	29	22.7	<b>61</b>
		Aroclor 1262	µg/kg	19	29	22.7	ND
		Total PCBs	µg/kg	25	29	22.7	<b>119</b>
3/11/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.39	1.2	0.50	ND
		Aroclor 1016	µg/kg	10	24	22.7	ND
		Aroclor 1221	µg/kg	20	24	22.7	ND
		Aroclor 1232	µg/kg	12	24	22.7	ND
		Aroclor 1242	µg/kg	12	24	22.7	ND
		Aroclor 1248	µg/kg	15	24	22.7	ND
		Aroclor 1254	µg/kg	15	24	22.7	<b>58</b>
		Aroclor 1260	µg/kg	15	24	22.7	<b>62</b>
		Aroclor 1262	µg/kg	16	24	22.7	ND
		Total PCBs	µg/kg	20	24	22.7	<b>120</b>
3/11/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.35	1.1	0.50	ND
		Aroclor 1016	µg/kg	9.1	22	22.7	ND
		Aroclor 1221	µg/kg	18	22	22.7	ND
		Aroclor 1232	µg/kg	11	22	22.7	ND
		Aroclor 1242	µg/kg	11	22	22.7	ND
		Aroclor 1248	µg/kg	14	22	22.7	ND
		Aroclor 1254	µg/kg	14	22	22.7	<b>40</b>
		Aroclor 1260	µg/kg	14	22	22.7	<b>49</b>
		Aroclor 1262	µg/kg	14	22	22.7	ND
		Total PCBs	µg/kg	18	22	22.7	<b>89</b>



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: March 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

\* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

µg/kg - microgram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: April 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
4/28/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	0.30	0.93	0.50	ND
		Aroclor 1016	µg/kg	7.8	19	22.7	ND
		Aroclor 1221	µg/kg	16	19	22.7	ND
		Aroclor 1232	µg/kg	9.4	19	22.7	ND
		Aroclor 1242	µg/kg	9.5	19	22.7	ND
		Aroclor 1248	µg/kg	12	19	22.7	ND
		Aroclor 1254	µg/kg	12	19	22.7	<b>32</b>
		Aroclor 1260	µg/kg	12	19	22.7	<b>39</b>
		Aroclor 1262	µg/kg	12	19	22.7	ND
		Total PCBs	µg/kg	16	19	22.7	<b>71</b>
4/28/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.44	1.4	0.50	ND
		Aroclor 1016	µg/kg	11	27	22.7	ND
		Aroclor 1221	µg/kg	23	27	22.7	ND
		Aroclor 1232	µg/kg	14	27	22.7	ND
		Aroclor 1242	µg/kg	14	27	22.7	ND
		Aroclor 1248	µg/kg	17	27	22.7	ND
		Aroclor 1254	µg/kg	17	27	22.7	<b>57</b>
		Aroclor 1260	µg/kg	17	27	22.7	<b>68</b>
		Aroclor 1262	µg/kg	18	27	22.7	ND
		Total PCBs	µg/kg	23	27	22.7	<b>125</b>
4/28/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.39	1.2	0.50	ND
		Aroclor 1016	µg/kg	10	24	22.7	ND
		Aroclor 1221	µg/kg	20	24	22.7	ND
		Aroclor 1232	µg/kg	12	24	22.7	ND
		Aroclor 1242	µg/kg	12	24	22.7	ND
		Aroclor 1248	µg/kg	15	24	22.7	ND
		Aroclor 1254	µg/kg	15	24	22.7	<b>64</b>
		Aroclor 1260	µg/kg	15	24	22.7	<b>75</b>
		Aroclor 1262	µg/kg	16	24	22.7	ND
		Total PCBs	µg/kg	20	24	22.7	<b>139</b>
4/28/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.32	0.99	0.50	ND
		Aroclor 1016	µg/kg	8.2	20	22.7	ND
		Aroclor 1221	µg/kg	17	20	22.7	ND
		Aroclor 1232	µg/kg	9.9	20	22.7	ND
		Aroclor 1242	µg/kg	10	20	22.7	ND
		Aroclor 1248	µg/kg	13	20	22.7	ND
		Aroclor 1254	µg/kg	12	20	22.7	<b>35</b>
		Aroclor 1260	µg/kg	12	20	22.7	<b>46</b>
		Aroclor 1262	µg/kg	13	20	22.7	ND
		Total PCBs	µg/kg	17	20	22.7	<b>81</b>

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: April 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

\* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

µg/kg - microgram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: May 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
5/23/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	0.33	1.0	0.50	ND
		Aroclor 1016	µg/kg	8.6	21	22.7	ND
		Aroclor 1221	µg/kg	17	21	22.7	ND
		Aroclor 1232	µg/kg	10	21	22.7	ND
		Aroclor 1242	µg/kg	11	21	22.7	ND
		Aroclor 1248	µg/kg	13	21	22.7	ND
		Aroclor 1254	µg/kg	13	21	22.7	13 J
		Aroclor 1260	µg/kg	13	21	22.7	17 J
		Aroclor 1262	µg/kg	13	21	22.7	ND
		Total PCBs	µg/kg	17	21	22.7	30 J
5/23/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.47	1.5	0.50	ND
		Aroclor 1016	µg/kg	12	29	22.7	ND
		Aroclor 1221	µg/kg	24	29	22.7	ND
		Aroclor 1232	µg/kg	15	29	22.7	ND
		Aroclor 1242	µg/kg	15	29	22.7	ND
		Aroclor 1248	µg/kg	18	29	22.7	ND
		Aroclor 1254	µg/kg	18	29	22.7	ND
		Aroclor 1260	µg/kg	18	29	22.7	ND
		Aroclor 1262	µg/kg	19	29	22.7	ND
		Total PCBs	µg/kg	24	29	22.7	ND
5/23/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.43	1.3	0.50	ND
		Aroclor 1016	µg/kg	11	27	22.7	ND
		Aroclor 1221	µg/kg	23	27	22.7	ND
		Aroclor 1232	µg/kg	14	27	22.7	ND
		Aroclor 1242	µg/kg	14	27	22.7	ND
		Aroclor 1248	µg/kg	17	27	22.7	ND
		Aroclor 1254	µg/kg	17	27	22.7	ND
		Aroclor 1260	µg/kg	17	27	22.7	ND
		Aroclor 1262	µg/kg	18	27	22.7	ND
		Total PCBs	µg/kg	23	27	22.7	ND
5/23/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.39	1.2	0.50	ND
		Aroclor 1016	µg/kg	10	24	22.7	ND
		Aroclor 1221	µg/kg	20	24	22.7	ND
		Aroclor 1232	µg/kg	12	24	22.7	ND
		Aroclor 1242	µg/kg	12	24	22.7	ND
		Aroclor 1248	µg/kg	15	24	22.7	ND
		Aroclor 1254	µg/kg	15	24	22.7	ND
		Aroclor 1260	µg/kg	15	24	22.7	ND
		Aroclor 1262	µg/kg	16	24	22.7	ND
		Total PCBs	µg/kg	20	24	22.7	ND

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: May 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

\* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

µg/kg - microgram per kilogram, dry weight basis

J - Qualifier indicates value is between the reporting limit and the MDL, value is estimated

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: June 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
6/23/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Chlordane	µg/kg	0.33	1.0	0.50	ND
		Aroclor 1016	µg/kg	8.4	20	22.7	ND
		Aroclor 1221	µg/kg	17	20	22.7	ND
		Aroclor 1232	µg/kg	10	20	22.7	ND
		Aroclor 1242	µg/kg	10	20	22.7	ND
		Aroclor 1248	µg/kg	13	20	22.7	ND
		Aroclor 1254	µg/kg	13	20	22.7	39
		Aroclor 1260	µg/kg	13	20	22.7	49
		Aroclor 1262	µg/kg	13	20	22.7	ND
		Total PCBs	µg/kg	17	20	22.7	88
6/23/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Chlordane	µg/kg	0.46	1.4	0.50	ND
		Aroclor 1016	µg/kg	12	28	22.7	ND
		Aroclor 1221	µg/kg	24	28	22.7	ND
		Aroclor 1232	µg/kg	14	28	22.7	ND
		Aroclor 1242	µg/kg	14	28	22.7	ND
		Aroclor 1248	µg/kg	18	28	22.7	ND
		Aroclor 1254	µg/kg	18	28	22.7	69
		Aroclor 1260	µg/kg	18	28	22.7	90
		Aroclor 1262	µg/kg	19	28	22.7	ND
		Total PCBs	µg/kg	24	28	22.7	159
6/23/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Chlordane	µg/kg	0.41	1.3	0.50	ND
		Aroclor 1016	µg/kg	11	25	22.7	ND
		Aroclor 1221	µg/kg	21	25	22.7	ND
		Aroclor 1232	µg/kg	13	25	22.7	ND
		Aroclor 1242	µg/kg	13	25	22.7	ND
		Aroclor 1248	µg/kg	16	25	22.7	ND
		Aroclor 1254	µg/kg	16	25	22.7	66
		Aroclor 1260	µg/kg	16	25	22.7	140
		Aroclor 1262	µg/kg	17	25	22.7	ND
		Total PCBs	µg/kg	21	25	22.7	206
6/23/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Chlordane	µg/kg	0.36	1.1	0.50	ND
		Aroclor 1016	µg/kg	9.2	22	22.7	ND
		Aroclor 1221	µg/kg	19	22	22.7	ND
		Aroclor 1232	µg/kg	11	22	22.7	ND
		Aroclor 1242	µg/kg	11	22	22.7	ND
		Aroclor 1248	µg/kg	14	22	22.7	ND
		Aroclor 1254	µg/kg	14	22	22.7	48
		Aroclor 1260	µg/kg	14	22	22.7	69
		Aroclor 1262	µg/kg	14	22	22.7	ND
		Total PCBs	µg/kg	19	22	22.7	117

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015-2016**

MONTHLY SUMMARY REPORT: June 2016 DRY WEATHER							
Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ND - Analyte not detected at or above the method detection limit

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

\* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

µg/kg - microgram per kilogram, dry weight basis



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: August 2015						
DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
8/19/2015	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>51.5</b>
		Total Organic Carbon	mg/kg	240	970	<b>15,000</b>
		Clay	percent	NA	0.01	<b>7.50</b>
		Silt	percent	NA	0.01	<b>61.42</b>
		Sand	percent	NA	0.01	<b>31.08</b>
		Gravel	percent	NA	0.01	ND
8/19/2015	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>36.1</b>
		Total Organic Carbon	mg/kg	340	1,400	<b>21,000</b>
		Clay	percent	NA	0.01	<b>10.11</b>
		Silt	percent	NA	0.01	<b>61.26</b>
		Sand	percent	NA	0.01	<b>28.62</b>
		Gravel	percent	NA	0.01	ND
8/19/2015	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>40.7</b>
		Total Organic Carbon	mg/kg	300	1,200	<b>22,000</b>
		Clay	percent	NA	0.01	<b>7.26</b>
		Silt	percent	NA	0.01	<b>58.83</b>
		Sand	percent	NA	0.01	<b>33.91</b>
		Gravel	percent	NA	0.01	ND
8/19/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>45.4</b>
		Total Organic Carbon	mg/kg	270	1,100	<b>17,000</b>
		Clay	percent	NA	0.01	<b>6.68</b>
		Silt	percent	NA	0.01	<b>62.99</b>
		Sand	percent	NA	0.01	<b>30.33</b>
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: September 2015 DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
9/10/2015	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>52.0</b>
		Total Organic Carbon	mg/kg	230	960	<b>14,000</b>
		Clay	percent	NA	0.01	<b>12.42</b>
		Silt	percent	NA	0.01	<b>79.52</b>
		Sand	percent	NA	0.01	<b>8.06</b>
		Gravel	percent	NA	0.01	ND
9/10/2015	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>36.4</b>
		Total Organic Carbon	mg/kg	330	1,400	<b>24,000</b>
		Clay	percent	NA	0.01	<b>18.42</b>
		Silt	percent	NA	0.01	<b>81.58</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
9/10/2015	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>38.3</b>
		Total Organic Carbon	mg/kg	320	1,300	<b>21,000</b>
		Clay	percent	NA	0.01	<b>12.00</b>
		Silt	percent	NA	0.01	<b>62.97</b>
		Sand	percent	NA	0.01	<b>25.03</b>
		Gravel	percent	NA	0.01	ND
9/10/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>48.4</b>
		Total Organic Carbon	mg/kg	250	1,000	<b>16,000</b>
		Clay	percent	NA	0.01	<b>9.25</b>
		Silt	percent	NA	0.01	<b>60.67</b>
		Sand	percent	NA	0.01	<b>30.09</b>
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

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NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: October 2015 DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
10/7/2015	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>51.1</b>
		Total Organic Carbon	mg/kg	340	980	<b>14,000</b>
		Clay	percent	NA	0.01	<b>11.57</b>
		Silt	percent	NA	0.01	<b>68.74</b>
		Sand	percent	NA	0.01	<b>19.68</b>
		Gravel	percent	NA	0.01	ND
10/7/2015	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>33.9</b>
		Total Organic Carbon	mg/kg	510	1,500	<b>20,000</b>
		Clay	percent	NA	0.01	<b>13.49</b>
		Silt	percent	NA	0.01	<b>70.66</b>
		Sand	percent	NA	0.01	<b>15.86</b>
		Gravel	percent	NA	0.01	ND
10/7/2015	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>41.3</b>
		Total Organic Carbon	mg/kg	420	1,200	<b>19,000</b>
		Clay	percent	NA	0.01	<b>15.46</b>
		Silt	percent	NA	0.01	<b>84.49</b>
		Sand	percent	NA	0.01	<b>0.050</b>
		Gravel	percent	NA	0.01	ND
10/7/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>47.3</b>
		Total Organic Carbon	mg/kg	370	1,100	<b>15,000</b>
		Clay	percent	NA	0.01	<b>9.77</b>
		Silt	percent	NA	0.01	<b>67.48</b>
		Sand	percent	NA	0.01	<b>22.75</b>
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: November 2015 DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
11/11/2015	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>47.2</b>
		Total Organic Carbon	mg/kg	370	1,100	<b>16,000</b>
		Clay	percent	NA	0.01	<b>9.73</b>
		Silt	percent	NA	0.01	<b>65.09</b>
		Sand	percent	NA	0.01	<b>25.18</b>
		Gravel	percent	NA	0.01	ND
11/11/2015	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>34.1</b>
		Total Organic Carbon	mg/kg	510	1,500	<b>23,000</b>
		Clay	percent	NA	0.01	<b>17.39</b>
		Silt	percent	NA	0.01	<b>82.61</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
11/11/2015	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>36.4</b>
		Total Organic Carbon	mg/kg	480	1,400	<b>22,000</b>
		Clay	percent	NA	0.01	<b>14.50</b>
		Silt	percent	NA	0.01	<b>84.29</b>
		Sand	percent	NA	0.01	<b>1.21</b>
		Gravel	percent	NA	0.01	ND
11/11/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>42.0</b>
		Total Organic Carbon	mg/kg	410	1,200	<b>19,000</b>
		Clay	percent	NA	0.01	<b>13.28</b>
		Silt	percent	NA	0.01	<b>86.29</b>
		Sand	percent	NA	0.01	<b>0.42</b>
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: December 2015						
DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
12/9/2015	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>44.5</b>
		Total Organic Carbon	mg/kg	390	1,100	<b>12,000</b>
		Clay	percent	NA	0.01	<b>12.30</b>
		Silt	percent	NA	0.01	<b>87.15</b>
		Sand	percent	NA	0.01	<b>0.55</b>
		Gravel	percent	NA	0.01	ND
12/9/2015	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>36.1</b>
		Total Organic Carbon	mg/kg	480	1,400	<b>19,000</b>
		Clay	percent	NA	0.01	<b>16.60</b>
		Silt	percent	NA	0.01	<b>83.40</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
12/9/2015	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>38.0</b>
		Total Organic Carbon	mg/kg	460	1,300	<b>14,000</b>
		Clay	percent	NA	0.01	<b>12.73</b>
		Silt	percent	NA	0.01	<b>86.93</b>
		Sand	percent	NA	0.01	<b>0.35</b>
		Gravel	percent	NA	0.01	ND
12/9/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>46.4</b>
		Total Organic Carbon	mg/kg	370	1,100	<b>13,000</b>
		Clay	percent	NA	0.01	<b>11.30</b>
		Silt	percent	NA	0.01	<b>88.24</b>
		Sand	percent	NA	0.01	<b>0.46</b>
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: January 2016 DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
1/13/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>44.4</b>
		Total Organic Carbon	mg/kg	390	1,100	<b>14,000</b>
		Clay	percent	NA	0.01	<b>14.28</b>
		Silt	percent	NA	0.01	<b>85.72</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
1/13/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>35.1</b>
		Total Organic Carbon	mg/kg	490	1,400	<b>19,000</b>
		Clay	percent	NA	0.01	<b>16.44</b>
		Silt	percent	NA	0.01	<b>83.56</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
1/13/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>39.3</b>
		Total Organic Carbon	mg/kg	440	1,300	<b>13,000</b>
		Clay	percent	NA	0.01	<b>15.52</b>
		Silt	percent	NA	0.01	<b>84.48</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
1/13/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>46.1</b>
		Total Organic Carbon	mg/kg	380	1,100	<b>13,000</b>
		Clay	percent	NA	0.01	<b>16.53</b>
		Silt	percent	NA	0.01	<b>83.47</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

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ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: February 2016 DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
2/26/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>15.2</b>
		Total Organic Carbon	mg/kg	1,100	3,300	<b>35,000</b>
		Clay	percent	NA	0.01	<b>13.97</b>
		Silt	percent	NA	0.01	<b>86.03</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
2/26/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>45.9</b>
		Total Organic Carbon	mg/kg	380	1,100	<b>13,000</b>
		Clay	percent	NA	0.01	<b>18.12</b>
		Silt	percent	NA	0.01	<b>81.88</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
2/26/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>43.4</b>
		Total Organic Carbon	mg/kg	400	1,200	<b>13,000</b>
		Clay	percent	NA	0.01	<b>13.97</b>
		Silt	percent	NA	0.01	<b>84.85</b>
		Sand	percent	NA	0.01	<b>1.18</b>
		Gravel	percent	NA	0.01	ND
2/26/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>46.1</b>
		Total Organic Carbon	mg/kg	380	1,100	<b>9,300</b>
		Clay	percent	NA	0.01	<b>14.81</b>
		Silt	percent	NA	0.01	<b>85.19</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: March 2016 DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
3/11/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>48.1</b>
		Total Organic Carbon	mg/kg	360	1,000	<b>5,300</b>
		Clay	percent	NA	0.01	<b>11.85</b>
		Silt	percent	NA	0.01	<b>87.58</b>
		Sand	percent	NA	0.01	<b>0.58</b>
		Gravel	percent	NA	0.01	ND
3/11/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>34.4</b>
		Total Organic Carbon	mg/kg	500	1,500	<b>5,300</b>
		Clay	percent	NA	0.01	<b>16.23</b>
		Silt	percent	NA	0.01	<b>83.77</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
3/11/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>41.8</b>
		Total Organic Carbon	mg/kg	420	1,200	<b>6,300</b>
		Clay	percent	NA	0.01	<b>13.17</b>
		Silt	percent	NA	0.01	<b>86.75</b>
		Sand	percent	NA	0.01	<b>0.080</b>
		Gravel	percent	NA	0.01	ND
3/11/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>46.5</b>
		Total Organic Carbon	mg/kg	370	1,100	<b>4,100</b>
		Clay	percent	NA	0.01	<b>12.12</b>
		Silt	percent	NA	0.01	<b>81.26</b>
		Sand	percent	NA	0.01	<b>6.62</b>
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: April 2016 DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
4/28/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>53.4</b>
		Total Organic Carbon	mg/kg	330	940	<b>9,400</b>
		Clay	percent	NA	0.01	<b>12.50</b>
		Silt	percent	NA	0.01	<b>83.25</b>
		Sand	percent	NA	0.01	<b>4.25</b>
		Gravel	percent	NA	0.01	ND
4/28/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>36.9</b>
		Total Organic Carbon	mg/kg	470	1,400	<b>16,000</b>
		Clay	percent	NA	0.01	<b>19.88</b>
		Silt	percent	NA	0.01	<b>80.12</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
4/28/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>41.8</b>
		Total Organic Carbon	mg/kg	420	1,200	<b>14,000</b>
		Clay	percent	NA	0.01	<b>18.63</b>
		Silt	percent	NA	0.01	<b>81.37</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
4/28/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>50.6</b>
		Total Organic Carbon	mg/kg	340	990	<b>10,000</b>
		Clay	percent	NA	0.01	<b>12.88</b>
		Silt	percent	NA	0.01	<b>86.23</b>
		Sand	percent	NA	0.01	<b>0.88</b>
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: May 2016 DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
5/23/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>48.5</b>
		Total Organic Carbon	mg/kg	360	1,000	<b>6,100</b>
		Clay	percent	NA	0.01	<b>16.91</b>
		Silt	percent	NA	0.01	<b>83.09</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
5/23/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>34.5</b>
		Total Organic Carbon	mg/kg	500	1,400	<b>13,000</b>
		Clay	percent	NA	0.01	<b>20.72</b>
		Silt	percent	NA	0.01	<b>79.28</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
5/23/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>37.2</b>
		Total Organic Carbon	mg/kg	470	1,300	<b>10,000</b>
		Clay	percent	NA	0.01	<b>19.63</b>
		Silt	percent	NA	0.01	<b>80.37</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
5/23/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>41.6</b>
		Total Organic Carbon	mg/kg	420	1,200	<b>8,500</b>
		Clay	percent	NA	0.01	<b>15.45</b>
		Silt	percent	NA	0.01	<b>84.55</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Benthic Sediments Monthly Effectiveness Monitoring  
2015 - 2016**

MONTHLY SUMMARY REPORT: June 2016 DRY WEATHER						
Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
6/23/2016	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>49.2</b>
		Total Organic Carbon	mg/kg	350	1,000	<b>6,400</b>
		Clay	percent	NA	0.01	<b>13.00</b>
		Silt	percent	NA	0.01	<b>85.19</b>
		Sand	percent	NA	0.01	<b>1.81</b>
		Gravel	percent	NA	0.01	ND
6/23/2016	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>34.9</b>
		Total Organic Carbon	mg/kg	500	1,400	<b>13,000</b>
		Clay	percent	NA	0.01	<b>18.96</b>
		Silt	percent	NA	0.01	<b>81.04</b>
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
6/23/2016	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>39.5</b>
		Total Organic Carbon	mg/kg	440	1,300	<b>11,000</b>
		Clay	percent	NA	0.01	<b>13.54</b>
		Silt	percent	NA	0.01	<b>85.46</b>
		Sand	percent	NA	0.01	<b>1.00</b>
		Gravel	percent	NA	0.01	ND
6/23/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Percent Solids	percent	0.100	0.100	<b>44.7</b>
		Total Organic Carbon	mg/kg	390	1,100	<b>9,800</b>
		Clay	percent	NA	0.01	<b>13.00</b>
		Silt	percent	NA	0.01	<b>85.36</b>
		Sand	percent	NA	0.01	<b>1.64</b>
		Gravel	percent	NA	0.01	ND

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

## Sediment Toxicity Data

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**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Sediment Toxicity Report  
2015 - 2016**

***Leptocheirus plumulosus* Survival (28-Day)**

QUARTERLY SUMMARY REPORT: September 2015 DRY WEATHER					
Sample Date	Station Information	Replicate	Number Alive	Percent Survival	Mean Percent Survival
9/10/2015	MdRH-B-1	A	7	35	48.0
	Back Harbor	B	17	85	
	Basin D	C	4	20	
	Saltwater	D	1	5	
		E	19	95	
9/10/2015	MdRH-B-2	A	14	70	84.0
	Back Harbor	B	17	85	
	Basin E	C	16	80	
	Saltwater	D	19	95	
		E	18	90	
9/10/2015	MdRH-B-3	A	15	75	57.0
	Back Harbor	B	20	100	
	Basin F	C	6	30	
	Saltwater	D	9	45	
		E	7	35	
9/10/2015	MdRH-B-4	A	13	65	81.0
	Back Harbor	B	18	90	
	Basin - End of Channel	C	16	80	
	Saltwater	D	20	100	
		E	14	70	
9/10/2015	Laboratory Control	A	*	*	98.8
		B	20	100	
		C	19	95	
		D	20	100	
		E	20	100	

\* outlier value excluded from calculations



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Sediment Toxicity Report  
2015 - 2016**

***Leptocheirus plumulosus* Survival (28-Day)**

QUARTERLY SUMMARY REPORT: April 2016 DRY WEATHER					
Sample Date	Station Information	Replicate	Number Alive	Percent Survival	Mean Percent Survival
4/28/2016	MdRH-B-1	A	20	100	93.0
	Back Harbor	B	19	95	
	Basin D	C	18	90	
	Saltwater	D	18	90	
		E	18	90	
4/28/2016	MdRH-B-2	A	19	95	93.0
	Back Harbor	B	19	95	
	Basin E	C	19	95	
	Saltwater	D	16	80	
		E	20	100	
4/28/2016	MdRH-B-3	A	20	100	96.0
	Back Harbor	B	20	100	
	Basin F	C	19	95	
	Saltwater	D	18	90	
		E	19	95	
4/28/2016	MdRH-B-4	A	17	85	95.0
	Back Harbor	B	20	100	
	Basin - End of Channel	C	18	90	
	Saltwater	D	20	100	
		E	20	100	
4/28/2016	Laboratory Control	A	18	90	94.0
		B	17	85	
		C	20	100	
		D	20	100	
		E	19	95	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Sediment Toxicity Report  
2015 - 2016**

***Leptocheirus plumulosus* Growth (28-Day)**

QUARTERLY SUMMARY REPORT: September 2015 DRY WEATHER					
Sample Date	Station Information	Replicate	Total Weight (mg)	Weight per Organism (mg)	Mean Weight per Organism (mg)
9/10/2015	MdRH-B-1 Back Harbor Basin D Saltwater	A	3.35	0.48	0.58
		B	14.84	0.87	
		C	1.19	0.30	
		D	0.19	0.19	
		E	19.84	1.04	
9/10/2015	MdRH-B-2 Back Harbor Basin E Saltwater	A	24.90	1.78	1.60
		B	12.35	0.73	
		C	21.57	1.35	
		D	34.91	1.84	
		E	40.97	2.28	
9/10/2015	MdRH-B-3 Back Harbor Basin F Saltwater	A	21.27	1.42	1.05
		B	23.16	1.16	
		C	2.38	0.40	
		D	16.73	1.86	
		E	2.79	0.40	
9/10/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	A	12.48	0.96	1.42
		B	21.94	1.22	
		C	28.49	1.78	
		D	41.84	2.09	
		E	14.35	1.03	
9/10/2015	Laboratory Control	A	*	*	2.38
		B	39.41	1.97	
		C	43.35	2.28	
		D	30.92	1.55	
		E	74.19	3.71	

\* outlier value excluded from calculations

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Sediment Toxicity Report**  
**2015 - 2016**

***Leptocheirus plumulosus* Growth (28-Day)**

QUARTERLY SUMMARY REPORT: April 2016 DRY WEATHER					
Sample Date	Station Information	Replicate	Total Weight (mg)	Weight per Organism (mg)	Mean Weight per Organism (mg)
4/28/2016	MdRH-B-1 Back Harbor Basin D Saltwater	A	23.40	1.17	1.38
		B	30.29	1.59	
		C	33.84	1.88	
		D	17.15	0.95	
		E	23.44	1.30	
4/28/2016	MdRH-B-2 Back Harbor Basin E Saltwater	A	29.50	1.55	1.37
		B	32.04	1.69	
		C	25.91	1.36	
		D	18.26	1.14	
		E	22.00	1.10	
4/28/2016	MdRH-B-3 Back Harbor Basin F Saltwater	A	16.49	0.82	1.28
		B	20.40	1.02	
		C	27.54	1.45	
		D	30.29	1.68	
		E	26.70	1.41	
4/28/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	A	27.43	1.61	1.40
		B	18.51	0.93	
		C	24.45	1.36	
		D	27.47	1.37	
		E	34.24	1.71	
4/28/2016	Laboratory Control	A	37.49	2.08	1.95
		B	24.59	1.45	
		C	39.81	1.99	
		D	41.45	2.07	
		E	40.86	2.15	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Sediment Toxicity Report**  
**2015 - 2016**  
*Leptocheirus plumulosus* Reproduction (28-Day)

QUARTERLY SUMMARY REPORT: September 2015 DRY WEATHER					
Sample Date	Station Information	Replicate	Number of Neonates Produced	Number of Neonates Per Adult	Mean Number of Neonates Per Adult
9/10/2015	MdRH-B-1 Back Harbor Basin D Saltwater	A	1	0.14	1.03
		B	12	0.71	
		C	0	0.00	
		D	1	1.00	
		E	63	3.32	
9/10/2015	MdRH-B-2 Back Harbor Basin E Saltwater	A	28	2.00	2.04
		B	12	0.71	
		C	44	2.75	
		D	66	3.47	
		E	23	1.28	
9/10/2015	MdRH-B-3 Back Harbor Basin F Saltwater	A	38	2.53	1.39
		B	86	4.30	
		C	0	0.00	
		D	1	0.11	
		E	0	0.00	
9/10/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	A	12	0.92	1.79
		B	74	4.11	
		C	20	1.25	
		D	35	1.75	
		E	13	0.93	
9/10/2015	Laboratory Control	A	*	*	2.29
		B	24	1.20	
		C	44	2.32	
		D	49	2.45	
		E	64	3.20	

\* outlier value excluded from calculations

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Sediment Toxicity Report**  
**2015 - 2016**  
*Leptocheirus plumulosus* Reproduction (28-Day)

QUARTERLY SUMMARY REPORT: April 2016 DRY WEATHER					
Sample Date	Station Information	Replicate	Number of Neonates Produced	Number of Neonates Per Adult	Mean Number of Neonates Per Adult
4/28/2016	MdRH-B-1	A	70	3.50	2.70
	Back Harbor	B	54	2.84	
	Basin D	C	88	4.89	
	Saltwater	D	33	1.83	
		E	8	0.44	
4/28/2016	MdRH-B-2	A	71	3.74	3.87
	Back Harbor	B	117	6.16	
	Basin E	C	118	6.21	
	Saltwater	D	28	1.75	
		E	30	1.50	
4/28/2016	MdRH-B-3	A	23	1.15	4.04
	Back Harbor	B	32	1.60	
	Basin F	C	31	1.63	
	Saltwater	D	189	10.50	
		E	101	5.32	
4/28/2016	MdRH-B-4	A	74	4.35	3.29
	Back Harbor	B	75	3.75	
	Basin - End of Channel	C	58	3.22	
	Saltwater	D	32	1.60	
		E	71	3.55	
4/28/2016	Laboratory Control	A	127	7.06	7.14
		B	109	6.41	
		C	118	5.90	
		D	151	7.55	
		E	167	8.79	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Sediment Toxicity Report**  
**2015 - 2016**  
***Eohaustorius estuarius* Survival (10-Day)**

QUARTERLY SUMMARY REPORT: September 2015 DRY WEATHER					
Sample Date	Station Information	Replicate	Number Alive	Percent Survival	Mean Percent Survival
9/10/2015	MdRH-B-1	A	16	80	94.0
	Back Harbor	B	20	100	
	Basin D	C	19	95	
	Saltwater	D	19	95	
		E	20	100	
9/10/2015	MdRH-B-2	A	15	75	80.0
	Back Harbor	B	17	85	
	Basin E	C	17	85	
	Saltwater	D	14	70	
		E	17	85	
9/10/2015	MdRH-B-3	A	20	100	93.0
	Back Harbor	B	17	85	
	Basin F	C	20	100	
	Saltwater	D	19	95	
		E	17	85	
9/10/2015	MdRH-B-4	A	20	100	100
	Back Harbor	B	20	100	
	Basin - End of Channel	C	20	100	
	Saltwater	D	20	100	
		E	20	100	
9/10/2015	Laboratory Control	A	20	100	100
		B	20	100	
		C	20	100	
		D	20	100	
		E	20	100	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Sediment Toxicity Report**  
**2015 - 2016**  
***Eohaustorius estuarius* Survival (10-Day)**

QUARTERLY SUMMARY REPORT: April 2016 DRY WEATHER					
Sample Date	Station Information	Replicate	Number Alive	Percent Survival	Mean Percent Survival
4/28/2016	MdRH-B-1	A	20	100	99.0
	Back Harbor	B	20	100	
	Basin D	C	19	95	
	Saltwater	D	20	100	
		E	20	100	
4/28/2016	MdRH-B-2	A	17	85	90.0
	Back Harbor	B	20	100	
	Basin E	C	15	75	
	Saltwater	D	19	95	
		E	19	95	
4/28/2016	MdRH-B-3	A	17	85	90.0
	Back Harbor	B	19	95	
	Basin F	C	20	100	
	Saltwater	D	16	80	
		E	18	90	
4/28/2016	MdRH-B-4	A	20	100	97.0
	Back Harbor	B	20	100	
	Basin - End of Channel	C	19	95	
	Saltwater	D	19	95	
		E	19	95	
4/28/2016	Laboratory Control	A	20	100	99.0
		B	19	95	
		C	20	100	
		D	20	100	
		E	20	100	



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Sediment Toxicity Report  
2015 - 2016**

***Mytilus galloprovincialis* Development (48-Hour Embryo)**

QUARTERLY SUMMARY REPORT: September 2015 DRY WEATHER						
Sample Date	Station Information	Replicate	Total Number Counted	Number Normally Developed	Percent Normally Developed	Mean Percent Normally Developed
9/10/2015	MdRH-B-1	A	394	387	98.2	98.4
	Back Harbor	B	312	308	98.7	
	Basin D	C	367	362	98.6	
	Saltwater	D	264	263	99.6	
		E	385	372	96.6	
9/10/2015	MdRH-B-2	A	310	305	98.4	99.1
	Back Harbor	B	214	213	99.5	
	Basin E	C	293	290	99.0	
	Saltwater	D	302	302	100	
		E	313	309	98.7	
9/10/2015	MdRH-B-3	A	312	311	99.7	99.4
	Back Harbor	B	230	228	99.1	
	Basin F	C	322	319	99.1	
	Saltwater	D	343	343	100	
		E	313	311	99.4	
9/10/2015	MdRH-B-4	A	327	325	99.4	98.9
	Back Harbor	B	340	331	97.4	
	Basin - End of Channel	C	307	304	99.0	
	Saltwater	D	306	304	99.3	
		E	414	411	99.3	
9/10/2015	Laboratory Control	A	353	347	98.3	98.5
		B	345	340	98.6	
		C	382	377	98.7	
		D	332	327	98.5	
		E	*	*	*	

\* outlier value excluded from calculations

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Sediment Toxicity Report  
2015 - 2016**

***Mytilus galloprovincialis* Development (48-Hour Embryo)**

QUARTERLY SUMMARY REPORT: April 2016 DRY WEATHER						
Sample Date	Station Information	Replicate	Total Number Counted	Number Normally Developed	Percent Normally Developed	Mean Percent Normally Developed
4/28/2016	MdRH-B-1	A	320	313	97.8	96.7
	Back Harbor	B	328	317	96.6	
	Basin D	C	239	227	95.0	
	Saltwater	D	297	287	96.6	
		E	319	311	97.5	
4/28/2016	MdRH-B-2	A	331	322	97.3	96.8
	Back Harbor	B	327	315	96.3	
	Basin E	C	326	316	96.9	
	Saltwater	D	333	321	96.4	
		E	322	312	96.9	
4/28/2016	MdRH-B-3	A	381	365	95.8	96.2
	Back Harbor	B	318	307	96.5	
	Basin F	C	328	319	97.3	
	Saltwater	D	308	297	96.4	
		E	292	278	95.2	
4/28/2016	MdRH-B-4	A	305	292	95.7	95.7
	Back Harbor	B	307	293	95.4	
	Basin - End of Channel	C	338	326	96.4	
	Saltwater	D	290	278	95.9	
		E	347	330	95.1	
4/28/2016	Laboratory Control	A	349	336	96.3	96.2
		B	384	370	96.4	
		C	360	346	96.1	
		D	350	337	96.3	
		E	338	325	96.2	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Sediment Toxicity Report**  
**2015 - 2016**  
***Strongylocentrotus purpuratus* Fertilization (20-Minute Gamete)**

QUARTERLY SUMMARY REPORT: September 2015						
DRY WEATHER						
Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
9/10/2015	MdRH-B-1 Back Harbor Basin D Saltwater	12.5	A	100	81	80.2
			B	100	90	
			C	100	74	
			D	100	75	
			E	100	81	
9/10/2015	MdRH-B-1 Back Harbor Basin D Saltwater	25	A	100	72	72.2
			B	100	70	
			C	100	70	
			D	100	79	
			E	100	70	
9/10/2015	MdRH-B-1 Back Harbor Basin D Saltwater	50	A	100	83	81.0
			B	100	86	
			C	100	77	
			D	100	81	
			E	100	78	
9/10/2015	MdRH-B-1 Back Harbor Basin D Saltwater	75	A	100	81	79.8
			B	100	82	
			C	100	81	
			D	100	81	
			E	100	74	
9/10/2015	MdRH-B-1 Back Harbor Basin D Saltwater	100	A	100	85	86.2
			B	100	86	
			C	100	90	
			D	100	84	
			E	100	86	
9/10/2015	MdRH-B-1 Back Harbor Basin D Saltwater	Laboratory Control	A	100	94	85.8
			B	100	92	
			C	100	71	
			D	100	93	
			E	100	79	
9/10/2015	MdRH-B-2 Back Harbor Basin E Saltwater	12.5	A	100	86	80.6
			B	100	74	
			C	100	85	
			D	100	73	
			E	100	85	
9/10/2015	MdRH-B-2 Back Harbor Basin E Saltwater	25	A	100	90	79.0
			B	100	74	
			C	100	70	
			D	100	79	
			E	100	82	
9/10/2015	MdRH-B-2 Back Harbor Basin E Saltwater	50	A	100	70	78.6
			B	100	80	
			C	100	89	
			D	100	79	
			E	100	75	
9/10/2015	MdRH-B-2 Back Harbor Basin E Saltwater	75	A	100	86	77.4
			B	100	75	
			C	100	78	
			D	100	83	
			E	100	65	
9/10/2015	MdRH-B-2 Back Harbor Basin E Saltwater	100	A	100	82	80.6
			B	100	72	
			C	100	77	
			D	100	83	
			E	100	89	
9/10/2015	MdRH-B-2 Back Harbor Basin E Saltwater	Laboratory Control	A	100	85	79.6
			B	100	90	
			C	100	77	
			D	100	70	
			E	100	76	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Sediment Toxicity Report**  
**2015 - 2016**  
***Strongylocentrotus purpuratus* Fertilization (20-Minute Gamete)**

QUARTERLY SUMMARY REPORT: September 2015						
DRY WEATHER						
Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
9/10/2015	MdRH-B-3 Back Harbor Basin F Saltwater	12.5	A	100	93	87.8
			B	100	86	
			C	100	91	
			D	100	84	
			E	100	85	
9/10/2015	MdRH-B-3 Back Harbor Basin F Saltwater	25	A	100	92	90.0
			B	100	91	
			C	100	85	
			D	100	94	
			E	100	88	
9/10/2015	MdRH-B-3 Back Harbor Basin F Saltwater	50	A	100	89	89.2
			B	100	87	
			C	100	90	
			D	100	92	
			E	100	88	
9/10/2015	MdRH-B-3 Back Harbor Basin F Saltwater	75	A	100	88	90.6
			B	100	95	
			C	100	90	
			D	100	86	
			E	100	94	
9/10/2015	MdRH-B-3 Back Harbor Basin F Saltwater	100	A	100	91	90.0
			B	100	91	
			C	100	92	
			D	100	87	
			E	100	89	
9/10/2015	MdRH-B-3 Back Harbor Basin F Saltwater	Laboratory Control	A	100	79	85.4
			B	100	88	
			C	100	88	
			D	100	88	
			E	100	84	
9/10/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	12.5	A	100	80	78.4
			B	100	76	
			C	100	76	
			D	100	81	
			E	100	79	
9/10/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	25	A	100	80	78.8
			B	100	77	
			C	100	68	
			D	100	84	
			E	100	85	
9/10/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	50	A	100	81	80.2
			B	100	76	
			C	100	79	
			D	100	80	
			E	100	85	
9/10/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	75	A	100	76	86.0
			B	100	90	
			C	100	90	
			D	100	89	
			E	100	85	
9/10/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	100	A	100	92	87.8
			B	100	86	
			C	100	89	
			D	100	84	
			E	100	88	
9/10/2015	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	Laboratory Control	A	100	90	87.4
			B	100	88	
			C	100	91	
			D	100	80	
			E	100	88	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Sediment Toxicity Report**  
**2015 - 2016**  
***Strongylocentrotus purpuratus* Fertilization (20-Minute Gamete)**

QUARTERLY SUMMARY REPORT: April 2016						
DRY WEATHER						
Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
4/28/2016	MdRH-B-1 Back Harbor Basin D Saltwater	12.5	A	100	96	97.0
			B	100	98	
			C	100	97	
			D	100	95	
			E	100	99	
4/28/2016	MdRH-B-1 Back Harbor Basin D Saltwater	25	A	100	92	92.4
			B	100	90	
			C	100	95	
			D	100	93	
			E	100	92	
4/28/2016	MdRH-B-1 Back Harbor Basin D Saltwater	50	A	100	93	91.8
			B	100	90	
			C	100	89	
			D	100	91	
			E	100	96	
4/28/2016	MdRH-B-1 Back Harbor Basin D Saltwater	75	A	100	89	85.6
			B	100	89	
			C	100	85	
			D	100	85	
			E	100	80	
4/28/2016	MdRH-B-1 Back Harbor Basin D Saltwater	100	A	100	84	86.6
			B	100	88	
			C	100	87	
			D	100	89	
			E	100	85	
4/28/2016	MdRH-B-1 Back Harbor Basin D Saltwater	Laboratory Control	A	100	99	98.2
			B	100	97	
			C	100	99	
			D	100	99	
			E	100	97	
4/28/2016	MdRH-B-2 Back Harbor Basin E Saltwater	12.5	A	100	88	94.6
			B	100	96	
			C	100	96	
			D	100	97	
			E	100	96	
4/28/2016	MdRH-B-2 Back Harbor Basin E Saltwater	25	A	100	96	95.4
			B	100	93	
			C	100	99	
			D	100	95	
			E	100	94	
4/28/2016	MdRH-B-2 Back Harbor Basin E Saltwater	50	A	100	93	93.2
			B	100	92	
			C	100	90	
			D	100	95	
			E	100	96	
4/28/2016	MdRH-B-2 Back Harbor Basin E Saltwater	75	A	100	92	89.8
			B	100	94	
			C	100	81	
			D	100	90	
			E	100	92	
4/28/2016	MdRH-B-2 Back Harbor Basin E Saltwater	100	A	100	94	89.6
			B	100	92	
			C	100	87	
			D	100	86	
			E	100	89	
4/28/2016	MdRH-B-2 Back Harbor Basin E Saltwater	Laboratory Control	A	100	94	96.4
			B	100	99	
			C	100	93	
			D	100	97	
			E	100	99	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Sediment Toxicity Report**  
**2015 - 2016**  
***Strongylocentrotus purpuratus* Fertilization (20-Minute Gamete)**

QUARTERLY SUMMARY REPORT: April 2016						
DRY WEATHER						
Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
4/28/2016	MdRH-B-3 Back Harbor Basin F Saltwater	12.5	A	100	92	90.2
			B	100	87	
			C	100	86	
			D	100	94	
			E	100	92	
4/28/2016	MdRH-B-3 Back Harbor Basin F Saltwater	25	A	100	94	86.8
			B	100	72	
			C	100	89	
			D	100	94	
			E	100	85	
4/28/2016	MdRH-B-3 Back Harbor Basin F Saltwater	50	A	100	92	92.2
			B	100	87	
			C	100	97	
			D	100	90	
			E	100	95	
4/28/2016	MdRH-B-3 Back Harbor Basin F Saltwater	75	A	100	89	93.8
			B	100	89	
			C	100	97	
			D	100	96	
			E	100	98	
4/28/2016	MdRH-B-3 Back Harbor Basin F Saltwater	100	A	100	74	81.4
			B	100	74	
			C	100	93	
			D	100	91	
			E	100	75	
4/28/2016	MdRH-B-3 Back Harbor Basin F Saltwater	Laboratory Control	A	100	99	95.0
			B	100	91	
			C	100	98	
			D	100	96	
			E	100	91	
4/28/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	12.5	A	100	96	93.2
			B	100	97	
			C	100	94	
			D	100	92	
			E	100	87	
4/28/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	25	A	100	89	87.8
			B	100	93	
			C	100	90	
			D	100	87	
			E	100	80	
4/28/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	50	A	100	87	80.6
			B	100	80	
			C	100	76	
			D	100	84	
			E	100	76	
4/28/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	75	A	100	84	79.8
			B	100	77	
			C	100	86	
			D	100	71	
			E	100	81	
4/28/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	100	A	100	81	81.6
			B	100	88	
			C	100	79	
			D	100	80	
			E	100	80	
4/28/2016	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	Laboratory Control	A	100	98	96.8
			B	100	95	
			C	100	99	
			D	100	95	
			E	100	97	

## **Fish and Mussel Tissue Quality Data**

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**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Bioaccumulation Monitoring**  
**2015 - 2016**

ANNUAL SUMMARY REPORT: October 2015 DRY WEATHER								
Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit <sup>1</sup>	Concentration
10/8/2015	MdrRH-B-1	California halibut Rep #1	Lipids	percent	NA	0.10	NL	<b>0.40</b>
		Paralichthys californicus	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Standard length: 158 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 70 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>30</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>30</b>
10/8/2015	MdrRH-B-1	California halibut Rep #2	Lipids	percent	NA	0.10	NL	<b>0.35</b>
		Paralichthys californicus	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Standard length: 170 mm	Aroclor 1232	µg/Kg	5.1	10	5.3	ND
		Weight: 100 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.4	10	5.3	<b>31</b>
			Aroclor 1260	µg/Kg	6.4	10	5.3	ND
			Aroclor 1262	µg/Kg	6.6	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>31</b>
10/8/2015	MdrRH-B-1	California halibut Rep #3	Lipids	percent	NA	0.10	NL	<b>0.36</b>
		Paralichthys californicus	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.4	10	5.3	ND
		Standard length: 212 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 110 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.3	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>21</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.4	10	5.3	<b>21</b>
10/8/2015	MdrRH-B-1	Bat ray Rep #1	Lipids	percent	NA	0.10	NL	<b>0.52</b>
		Myliobatis californica	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Disc width: 297 mm	Aroclor 1232	µg/Kg	5.1	10	5.3	ND
		Weight: 430 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.4	10	5.3	ND
			Aroclor 1260	µg/Kg	6.4	10	5.3	ND
			Aroclor 1262	µg/Kg	6.6	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	ND
10/8/2015	MdrRH-B-1	Bat ray Rep #2	Lipids	percent	NA	0.10	NL	<b>0.44</b>
		Myliobatis californica	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Disc width: 321 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 460 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	ND
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	ND

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Bioaccumulation Monitoring**  
**2015 - 2016**

ANNUAL SUMMARY REPORT: October 2015 DRY WEATHER								
Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit <sup>1</sup>	Concentration
10/8/2015	MdRH-B-1	Bat ray Rep #3	Lipids	percent	NA	0.10	NL	<b>0.50</b>
		Myliobatis californica	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.4	10	5.3	ND
		Disc width: 266 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 230 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.3	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	ND
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.4	10	5.3	ND
10/8/2015	MdRH-B-1	Mussel Rep #1	Lipids	percent	NA	0.10	NL	<b>0.88</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
			Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>34</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>34</b>
10/8/2015	MdRH-B-1	Mussel Rep #2	Lipids	percent	NA	0.10	NL	<b>0.89</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.1	9.8	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.3	9.8	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	9.8	5.3	ND
			Aroclor 1242	µg/Kg	5.0	9.8	5.3	ND
			Aroclor 1248	µg/Kg	6.3	9.8	5.3	ND
			Aroclor 1254	µg/Kg	6.2	9.8	5.3	<b>22</b>
			Aroclor 1260	µg/Kg	6.2	9.8	5.3	ND
			Aroclor 1262	µg/Kg	6.4	9.8	5.3	ND
			Total PCBs	µg/Kg	8.3	9.8	5.3	<b>22</b>
10/8/2015	MdRH-B-1	Mussel Rep #3	Lipids	percent	NA	0.10	NL	<b>0.77</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.1	9.9	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.4	9.9	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	9.9	5.3	ND
			Aroclor 1242	µg/Kg	5.0	9.9	5.3	ND
			Aroclor 1248	µg/Kg	6.3	9.9	5.3	ND
			Aroclor 1254	µg/Kg	6.3	9.9	5.3	<b>33</b>
			Aroclor 1260	µg/Kg	6.3	9.9	5.3	ND
			Aroclor 1262	µg/Kg	6.5	9.9	5.3	ND
			Total PCBs	µg/Kg	8.4	9.9	5.3	<b>33</b>
10/8/2015	MdRH-B-1	Mussel Rep #4	Lipids	percent	NA	0.10	NL	<b>1.4</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.1	9.9	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.3	9.9	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	9.9	5.3	ND
			Aroclor 1242	µg/Kg	5.0	9.9	5.3	ND
			Aroclor 1248	µg/Kg	6.3	9.9	5.3	ND
			Aroclor 1254	µg/Kg	6.3	9.9	5.3	<b>51</b>
			Aroclor 1260	µg/Kg	6.3	9.9	5.3	ND
			Aroclor 1262	µg/Kg	6.5	9.9	5.3	ND
			Total PCBs	µg/Kg	8.3	9.9	5.3	<b>51</b>

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Bioaccumulation Monitoring**  
**2015 - 2016**

ANNUAL SUMMARY REPORT: October 2015 DRY WEATHER								
Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit <sup>1</sup>	Concentration
10/8/2015	MdrRH-B-1	Mussel Rep #5	Lipids	percent	NA	0.10	NL	<b>0.72</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
			Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>39</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>39</b>
10/8/2015	MdrRH-B-2	California halibut Rep #1	Lipids	percent	NA	0.10	NL	<b>0.38</b>
		Paralichthys californicus	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Standard length: 191 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 120 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>24</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>24</b>
10/8/2015	MdrRH-B-2	California halibut Rep #2	Lipids	percent	NA	0.10	NL	<b>0.36</b>
		Paralichthys californicus	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Standard length: 156 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 52 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>31</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>31</b>
10/8/2015	MdrRH-B-2	California halibut Rep #3	Lipids	percent	NA	0.10	NL	<b>0.44</b>
		Paralichthys californicus	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Standard length: 165 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 100 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>17</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>17</b>
10/8/2015	MdrRH-B-2	California halibut Rep #4	Lipids	percent	NA	0.10	NL	<b>0.43</b>
		Paralichthys californicus	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Standard length: 147 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 70 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>14</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>14</b>

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Bioaccumulation Monitoring**  
**2015 - 2016**

ANNUAL SUMMARY REPORT: October 2015 DRY WEATHER								
Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit <sup>1</sup>	Concentration
10/8/2015	MdRH-B-2	Bat ray Rep #1	Lipids	percent	NA	0.10	NL	<b>0.51</b>
		Myliobatis californica	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Disc width: 328 mm	Aroclor 1232	µg/Kg	5.1	10	5.3	ND
		Weight: 600 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.4	10	5.3	ND
			Aroclor 1260	µg/Kg	6.4	10	5.3	ND
			Aroclor 1262	µg/Kg	6.6	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	ND
10/8/2015	MdRH-B-2	Bat ray Rep #2	Lipids	percent	NA	0.10	NL	<b>0.31</b>
		Myliobatis californica	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Disc width: 371 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 608 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	ND
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	ND
10/8/2015	MdRH-B-2	Mussel Rep #1	Lipids	percent	NA	0.10	NL	<b>0.88</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.1	9.9	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.4	9.9	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	9.9	5.3	ND
			Aroclor 1242	µg/Kg	5.1	9.9	5.3	ND
			Aroclor 1248	µg/Kg	6.3	9.9	5.3	ND
			Aroclor 1254	µg/Kg	6.3	9.9	5.3	<b>28</b>
			Aroclor 1260	µg/Kg	6.3	9.9	5.3	ND
			Aroclor 1262	µg/Kg	6.5	9.9	5.3	ND
		Total PCBs	µg/Kg	8.4	9.9	5.3	<b>28</b>	
10/8/2015	MdRH-B-2	Mussel Rep #2	Lipids	percent	NA	0.10	NL	<b>1.2</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
			Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>42</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
		Total PCBs	µg/Kg	8.5	10	5.3	<b>42</b>	
10/8/2015	MdRH-B-2	Mussel Rep #3	Lipids	percent	NA	0.10	NL	<b>1.3</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.1	10	5.3	ND
			Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.4	10	5.3	<b>39</b>
			Aroclor 1260	µg/Kg	6.4	10	5.3	ND
			Aroclor 1262	µg/Kg	6.6	10	5.3	ND
		Total PCBs	µg/Kg	8.5	10	5.3	<b>39</b>	

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Bioaccumulation Monitoring**  
**2015 - 2016**

ANNUAL SUMMARY REPORT: October 2015 DRY WEATHER								
Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit <sup>1</sup>	Concentration
10/8/2015	MdrRH-B-2	Mussel Rep #4	Lipids	percent	NA	0.10	NL	<b>0.98</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.1	9.9	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.4	9.9	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	9.9	5.3	ND
			Aroclor 1242	µg/Kg	5.1	9.9	5.3	ND
			Aroclor 1248	µg/Kg	6.3	9.9	5.3	ND
			Aroclor 1254	µg/Kg	6.3	9.9	5.3	<b>32</b>
			Aroclor 1260	µg/Kg	6.3	9.9	5.3	ND
			Aroclor 1262	µg/Kg	6.5	9.9	5.3	ND
			Total PCBs	µg/Kg	8.4	9.9	5.3	<b>32</b>
10/8/2015	MdrRH-B-2	Mussel Rep #5	Lipids	percent	NA	0.10	NL	<b>0.85</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.1	9.9	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.4	9.9	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	9.9	5.3	ND
			Aroclor 1242	µg/Kg	5.1	9.9	5.3	ND
			Aroclor 1248	µg/Kg	6.3	9.9	5.3	ND
			Aroclor 1254	µg/Kg	6.3	9.9	5.3	<b>29</b>
			Aroclor 1260	µg/Kg	6.3	9.9	5.3	ND
			Aroclor 1262	µg/Kg	6.5	9.9	5.3	ND
			Total PCBs	µg/Kg	8.4	9.9	5.3	<b>29</b>
10/8/2015	MdrRH-B-3	California halibut Rep #1	Lipids	percent	NA	0.10	NL	<b>0.44</b>
		Paralichthys californicus	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.4	10	5.3	ND
		Standard length: 186 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 120 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.3	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>13</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.4	10	5.3	<b>13</b>
10/8/2015	MdrRH-B-3	California halibut Rep #2	Lipids	percent	NA	0.10	NL	<b>0.50</b>
		Paralichthys californicus	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Standard length: 154 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 80 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>11</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>11</b>
10/8/2015	MdrRH-B-3	California halibut Rep #3	Lipids	percent	NA	0.10	NL	<b>0.62</b>
		Paralichthys californicus	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Standard length: 166 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 80 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>8.9 J</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>8.9 J</b>

**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Dry-Weather Bioaccumulation Monitoring**  
**2015 - 2016**

ANNUAL SUMMARY REPORT: October 2015 DRY WEATHER								
Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit <sup>1</sup>	Concentration
10/8/2015	MdRH-B-3	Barred sand bass Rep #1	Lipids	percent	NA	0.10	NL	<b>0.97</b>
		Paralabrax nebulifer	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Standard length: 165 mm	Aroclor 1232	µg/Kg	5.1	10	5.3	ND
		Weight: 120 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.4	10	5.3	<b>26</b>
			Aroclor 1260	µg/Kg	6.4	10	5.3	ND
			Aroclor 1262	µg/Kg	6.6	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>26</b>
10/8/2015	MdRH-B-3	Barred sand bass Rep #2	Lipids	percent	NA	0.10	NL	<b>0.85</b>
		Paralabrax nebulifer	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.4	10	5.3	ND
		Standard length: 146 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 90 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.3	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>22</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.4	10	5.3	<b>22</b>
10/8/2015	MdRH-B-3	Barred sand bass Rep #3	Lipids	percent	NA	0.10	NL	<b>0.86</b>
		Paralabrax nebulifer	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Muscle fillet tissue	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Standard length: 179 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
		Weight: 170 grams	Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>29</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>29</b>
10/8/2015	MdRH-B-3	Mussel Rep #1	Lipids	percent	NA	0.10	NL	<b>0.52</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
			Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>23</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>23</b>
10/8/2015	MdRH-B-3	Mussel Rep #2	Lipids	percent	NA	0.10	NL	<b>0.60</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
			Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>18</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>18</b>



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program  
Dry-Weather Bioaccumulation Monitoring  
2015 - 2016**

ANNUAL SUMMARY REPORT: October 2015 DRY WEATHER								
Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit <sup>1</sup>	Concentration
10/8/2015	MdrRH-B-3	Mussel Rep #3	Lipids	percent	NA	0.10	NL	<b>0.66</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
			Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>19</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>19</b>
10/8/2015	MdrRH-B-3	Mussel Rep #4	Lipids	percent	NA	0.10	NL	<b>0.91</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
			Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>46</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>46</b>
10/8/2015	MdrRH-B-3	Mussel Rep #5	Lipids	percent	NA	0.10	NL	<b>0.67</b>
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	4.2	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	8.5	10	5.3	ND
		Length: 55 to 65 mm	Aroclor 1232	µg/Kg	5.0	10	5.3	ND
			Aroclor 1242	µg/Kg	5.1	10	5.3	ND
			Aroclor 1248	µg/Kg	6.4	10	5.3	ND
			Aroclor 1254	µg/Kg	6.3	10	5.3	<b>18</b>
			Aroclor 1260	µg/Kg	6.3	10	5.3	ND
			Aroclor 1262	µg/Kg	6.5	10	5.3	ND
			Total PCBs	µg/Kg	8.5	10	5.3	<b>18</b>

## Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

µg/Kg - microgram per kilogram, wet weight basis

ND - Analyte not detected at or above the method detection limit

NA - Not available

NL - No limit listed in TMDL

J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

<sup>1</sup>TMDL Limit of 5.3 µg/kg for PCBs is for Total PCBs

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## Monitoring Locations

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Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

# Marina del Rey Harbor Toxic Pollutants TMDL Coordinated Monitoring Plan Location Map

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## Laboratory Certifications

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STATE WATER RESOURCES CONTROL BOARD  
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF ENVIRONMENTAL ACCREDITATION**

Is hereby granted to

**Eurofins Calscience, Inc.**

7440 Lincoln Way

Garden Grove, CA 92841-1427

Scope of the certificate is limited to the  
"Fields of Testing"  
which accompany this Certificate.Continued accredited status depends on successful completion of on-site inspection,  
proficiency testing studies, and payment of applicable fees.This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.Certificate No.: **2944**Expiration Date: **9/30/2016**Effective Date: **10/1/2014**Sacramento, California  
subject to forfeiture or revocationA handwritten signature in black ink, appearing to read "Christine Sotelo".  
\_\_\_\_\_  
Christine Sotelo, Chief  
Environmental Laboratory Accreditation Program



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## Environmental Laboratory Accreditation Program



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<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
Chemistry	Chemistry	Chemistry	Chemistry	

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

*Gary K. Ward*

Gary K. Ward, MS  
Oregon State Public Health Laboratory  
ORELAP Administrator  
3150 NW. 229th Ave, Suite 100  
Hillsboro, OR 97124



ISSUE DATE: 01/30/2015  
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<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
Chemistry	Chemistry	Chemistry	Chemistry	

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

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*Gary K Ward*

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Hillsboro, OR 97124



ISSUE DATE: 01/30/2016

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Page 476 of 1117

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CALIFORNIA STATE  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION**

Is hereby granted to

**Nautilus Environmental**

**California**

4340 Vandever Avenue

San Diego, CA 92120

Scope of the certificate is limited to the  
"Fields of Testing"  
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site,  
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1802**

Expiration Date: **09/30/2016**

Effective Date: **10/01/2014**

Richmond, California  
subject to forfeiture or revocation

  
Christine Sotelo, Chief  
California State Environmental Laboratory Accreditation Program

Page 477 of 1117

Individual Form  
**ATTACHMENT 8.2 - EXHIBIT C**  
 Reporting Year 2015 - 2016  
**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring - Storm-borne Sediment**  
**2015 - 2016**

STORM-BORNE SEDIMENT LOADING ESTIMATES																
Results of Composite Sample Analyses and Loading Calculations																
Station Information	Chemical Constituent	Units	MDL	Reporting Limit	Storm-borne Sediment Concentration	Storm Event #1 Loading Estimate <sup>1</sup> (kg)	Storm Event #2 Loading Estimate <sup>1</sup> (kg)	Storm Event #3 Loading Estimate <sup>1</sup> (kg)	Storm Event #4 Loading Estimate <sup>1</sup> (kg)	Storm Event #5 Loading Estimate <sup>1</sup> (kg)	Storm Event #6 Loading Estimate <sup>1</sup> (kg)	Storm Event #7 Loading Estimate <sup>1</sup> (kg)	Storm Event #8 Loading Estimate <sup>1</sup> (kg)	Storm Event #9 Loading Estimate <sup>1</sup> (kg)	Total <sup>2</sup> (kg) (Sum of Storms)	
Mdr-3	Copper	mg/kg	0.466	1.73	229	No Flow Data	1.01E-01	1.46E-01	2.59E-03	4.42E-02	2.65E-01	7.35E-02	5.44E-03	5.07E-02	6.88E-01	
	Lead	mg/kg	0.455	1.73	117	No Flow Data	5.16E-02	7.46E-02	1.32E-03	2.26E-02	1.35E-01	3.76E-02	2.78E-03	2.59E-02	3.52E-01	
	Zinc	mg/kg	0.614	3.46	1,380	No Flow Data	6.09E-01	8.80E-01	1.56E-02	2.66E-01	1.59E+00	4.43E-01	3.28E-02	3.06E-01	4.15E+00	
	Total Chlordane	µg/kg	0.3	0.7	56	No Flow Data	2.47E-05	3.57E-05	6.32E-07	1.08E-05	6.47E-05	1.80E-05	1.33E-06	1.24E-05	1.68E-04	
	Total PCBs	µg/kg	0.7	5.8	30.5	No Flow Data	1.35E-05	1.95E-05	3.44E-07	5.89E-06	3.52E-05	9.80E-06	7.25E-07	6.75E-06	9.17E-05	
Mdr-4	Copper	mg/kg	NA	NA	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Lead	mg/kg	NA	NA	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Zinc	mg/kg	NA	NA	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Total Chlordane	µg/kg	NA	NA	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Total PCBs	µg/kg	NA	NA	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
Mdr-5	Copper	mg/kg	0.579	2.15	307	No Storm Flow	3.10E-02	3.92E-01	2.49E-02	5.98E-03	3.78E-01	1.18E-01	2.36E-02	2.97E-04	9.73E-01	
	Lead	mg/kg	0.566	2.15	128	No Storm Flow	1.29E-02	1.64E-01	1.04E-02	2.49E-03	1.58E-01	4.90E-02	9.82E-03	1.24E-04	4.06E-01	
	Zinc	mg/kg	0.763	4.30	1,300	No Storm Flow	1.31E-01	1.66E+00	1.05E-01	2.53E-02	1.60E+00	4.98E-01	9.98E-02	1.26E-03	4.12E+00	
	Total Chlordane	µg/kg	0.31	0.9	45.9	No Storm Flow	4.64E-06	5.87E-05	3.72E-06	8.94E-07	5.65E-05	1.76E-05	3.52E-06	4.45E-08	1.46E-04	
	Total PCBs	µg/kg	0.8	1.7	10.4	No Storm Flow	1.05E-06	1.33E-05	8.43E-07	2.03E-07	1.28E-05	3.99E-06	7.98E-07	1.01E-08	3.30E-05	
MdRU-C1	Copper	mg/kg	0.532	1.98	362	6.76E-04	1.37E-03	1.56E-02	4.15E-04	2.89E-03	7.04E-03	6.41E-03	6.52E-04	No Storm Flow	3.51E-02	
	Lead	mg/kg	0.520	1.98	117.0	2.18E-04	4.43E-04	5.06E-03	1.34E-04	9.36E-04	2.27E-03	2.07E-03	2.11E-04	No Storm Flow	1.13E-02	
	Zinc	mg/kg	0.701	3.95	1,770	3.31E-03	6.71E-03	7.65E-02	2.03E-03	1.42E-02	3.44E-02	3.13E-02	3.19E-03	No Storm Flow	1.72E-01	
	Total Chlordane	µg/kg	0.3	0.8	23.6	4.41E-08	8.94E-08	1.02E-06	2.71E-08	1.89E-07	4.59E-07	4.18E-07	4.25E-08	No Storm Flow	2.29E-06	
	Total PCBs	µg/kg	0.8	9.3	18.8	3.51E-08	7.12E-08	8.12E-07	2.16E-08	1.50E-07	3.65E-07	3.33E-07	3.39E-08	No Storm Flow	1.82E-06	
MdRU-C2	Copper	mg/kg	0.350	1.30	128	No Storm Flow	No Storm Flow	1.14E-02	1.44E-05	1.96E-04	5.83E-03	1.18E-02	2.14E-03	No Storm Flow	3.14E-02	
	Lead	mg/kg	0.342	1.30	75.4	No Storm Flow	No Storm Flow	6.72E-03	8.51E-06	1.15E-04	3.43E-03	6.94E-03	1.26E-03	No Storm Flow	1.85E-02	
	Zinc	mg/kg	0.461	2.60	1,100	No Storm Flow	No Storm Flow	9.80E-02	1.24E-04	1.68E-03	5.01E-02	1.01E-01	1.84E-02	No Storm Flow	2.69E-01	
	Total Chlordane	µg/kg	0.8	2.5	86	No Storm Flow	No Storm Flow	7.66E-06	9.70E-09	1.32E-07	3.91E-06	7.92E-06	1.44E-06	No Storm Flow	2.11E-05	
	Total PCBs	µg/kg	4.8	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total (Sum of Locations)	Copper	mg/kg	NA	NA	NA	6.76E-04	1.33E-01	5.65E-01	2.79E-02	5.33E-02	6.55E-01	2.09E-01	3.18E-02	5.10E-02	1.73E+00	
	Lead	mg/kg	NA	NA	NA	2.18E-04	6.50E-02	2.50E-01	1.18E-02	2.61E-02	2.98E-01	9.56E-02	1.41E-02	2.60E-02	7.87E-01	
	Zinc	mg/kg	NA	NA	NA	3.31E-03	7.47E-01	2.72E+00	1.23E-01	3.08E-01	3.28E+00	1.07E+00	1.54E-01	3.07E-01	8.71E+00	
	Total Chlordane	µg/kg	NA	NA	NA	4.41E-08	2.94E-05	1.03E-04	4.39E-06	1.20E-05	1.26E-04	4.39E-05	6.33E-06	1.24E-05	3.37E-04	
	Total PCBs	µg/kg	NA	NA	NA	3.51E-08	1.46E-05	3.36E-05	1.21E-06	6.24E-06	4.84E-05	1.41E-05	1.56E-06	6.76E-06	1.26E-04	

Individual Form  
**ATTACHMENT 8.2 - EXHIBIT C**  
 Reporting Year 2015 - 2016  
**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring - Storm-borne Sediment**  
**2015 - 2016**

STORM-BORNE SEDIMENT LOADING ESTIMATES Results of Composite Sample Analyses and Loading Calculations																
Supplementary Information for Loading Calculations																
Station Information	Chemical Constituent	Units	MDL	Reporting Limit	Storm-borne Sediment Concentration	Storm Event #1	Storm Event #2	Storm Event #3	Storm Event #4	Storm Event #5	Storm Event #6	Storm Event #7	Storm Event #8	Storm Event #9	Total (Sum of Storms)	
MdR-3	Flow Volume	CF	NA	NA	NA	No Flow Data	44,787	402,170	12,863	158,524	523,149	143,570	6,311	14,345	1,305,719	
MdR-3	Total Suspended Solids	mg/L	NA	NA	NA	No TSS	348	56	31	43	78	79	133	545	NA	
MdR-4	Flow Volume	CF	NA	NA	NA	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
MdR-4	Total Suspended Solids	mg/L	NA	NA	NA	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
MdR-5	Flow Volume	CF	NA	NA	NA	No Storm Flow	50,228	644,650	40,340	11,095	268,279	126,469	37,645	4,502	1,183,208	
MdR-5	Total Suspended Solids <sup>5</sup>	mg/L	NA	NA	NA	No TSS	71	70	71	62	162	107	72	7.6	NA	
MdRU-C1	Flow Volume <sup>3</sup>	CF	NA	NA	NA	2,314	5,352	30,521	2,893	8,824	16,345	5,786	2,893	No Storm Flow	74,928	
MdRU-C1	Total Suspended Solids <sup>5</sup>	mg/L	NA	NA	NA	28.5	25	50	14	32	42	108	22	3.2	NA	
MdRU-C2	Flow Volume <sup>4</sup>	CF	NA	NA	NA	No Storm Flow	No Storm Flow	26,211	48	3,377	34,941	27,090	7,105	No Storm Flow	98,772	
MdRU-C2	Total Suspended Solids <sup>5</sup>	mg/L	NA	NA	NA	No TSS	No TSS	120	83	16	46	120	83	No TSS	NA	

Notes:

- 28.31685                      liters per cubic foot conversion factor
- 1.00E-06                    kilograms per milligram conversion factor
- 1.00E-09                    kilograms per microgram conversion factor

<sup>1</sup> Loading estimates for each storm event are included to illustrate how the Total Load (Sum of Storms) was obtained, and to identify the storm events without flow (and were therefore excluded from the Total Load calculation)

<sup>2</sup> Loading estimated as the sum of each storm, where each storm is estimated as Flow \* Total Suspended Solids \* (Composite Storm-borne Sediment Concentration) \* appropriate conversion factors

<sup>3</sup> Discharge volumes for MdRU-C-1 (all storms) were determined to be affected by equipment error; volumes used in this table for load estimation were estimated by the Modified Rational Method (Hydrology Manual, 2006, Los Angeles County Department of Public Works) with rain data from the Electric Avenue Pump Plant

<sup>4</sup> Discharge volume for MdRU-C-2 for Storm Event #6 was determined to be affected by equipment error; the volume used in this table for load estimation was estimated by the Modified Rational Method (Hydrology Manual, 2006, Los Angeles County Department of Public Works) with rain data from the Electric Avenue Pump Plant

<sup>5</sup> Missing total suspended solids data were substituted with the 2015-2016 median value:            71 for MdR-5 Events #2 and #4; 28.5 for MdRU-C-1 Event #1; 83 for MdRU-C-2 Events #4 and #8

CF - cubic feet  
 cis-Chlordane = alpha-Chlordane  
 Detections are indicated in **bold**  
 kg - kilogram  
 MDL - Method Detection Limit  
 NA - Not applicable  
 ND - Analyte not detected at or above the method detection limit, load value is assumed as zero  
 No Flow Data - no flow data was measured due to equipment issue  
 No Storm Flow - no storm water flow occurred, see text for further detail  
 No TSS - no data were available for Total Suspended Solids  
 Not Available - MdR-4 was not available for sampling or monitoring due to on-going construction related to the Oxford Basin Multiuse Enhancement Project  
 Reporting Limit - lowest concentration for which quantitative data are reported  
 Sample Date is date of composite sample preparation  
 Some PCB congeners co-elute, cannot be separated by the method, and are reported as the summation of the co-eluting compounds.  
 TOC - Total organic carbon  
 trans-Chlordane = gamma-Chlordane  
 mg/kg - milligram per kilogram, dry weight basis  
 mg/L - milligram per liter  
 µg/kg - microgram per kilogram, dry weight basis



**Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program**  
**Wet-Weather Monitoring - Storm-borne Sediment**  
**2015 - 2016**

<b>STORM-BORNE SEDIMENT LOADING ESTIMATES SUMMARY FOR BACK BASIN WATERSHEDS</b>							
<b>Composite of Storm Events</b>							
<b>Chemical Constituent</b>	<b>Point Sources Waste Load Allocation (kg/yr) 2005-012</b>	<b>Sub-Watershed Area 3 (MdR-5) (kg/season)</b>	<b>Sub-Watershed Area 4 (MdR-3) (kg/season)</b>	<b>Sub-Watershed Area 4 (MdR-4) (kg/season)</b>	<b>Sub-Watershed Under- Represented Area (MdRU-C-1) (kg/season)</b>	<b>Sub-Watershed Under- Represented Area (MdRU-C-2) (kg/season)</b>	<b>Watershed Area (kg/season)</b>
Copper	2.06E+00	9.73E-01	6.88E-01	Not Available	6.07E-01	2.56E-01	2.53E+00
Lead	2.83E+00	4.06E-01	3.52E-01	Not Available	1.96E-01	1.51E-01	1.10E+00
Zinc	9.11E+00	4.12E+00	4.15E+00	Not Available	2.97E+00	2.20E+00	1.34E+01
Total Chlordane	3.00E-05	1.46E-04	1.68E-04	Not Available	3.96E-05	1.72E-04	5.26E-04
Total PCBs	1.38E-03	3.30E-05	9.17E-05	Not Available	3.15E-05	ND	1.56E-04

## Notes:

kg - kilogram

kg/yr - kilogram per year

ND - Analyte not detected at or above the method detection limit

Not Available - MdR-4 was not available for sampling or monitoring due to on-going construction related to the Oxford Basin Multiuse Enhancement Project

## Waste Load Extrapolations

Sub-Watershed Area 3 is represented by monitoring location MdR-5. A portion of Sub-Watershed Area 3 is included in the Under-Represented Area.

Sub-Watershed Area 4 is represented by monitoring locations MdR-3 and MdR-4.

Under-Represented Watershed Area is represented by MdRU-C-1 and MdRU-C-2 and includes portions of Sub-Watershed Areas 1A, 3, and 4.

Since the catchment areas of the Under-Represented Area monitoring locations were only for a portion of the Under-Represented Area, the estimated loads were extrapolated to represent the entire Under-Represented Area.

The extrapolation was based on the ratio of the total combined land use area and the catchment area.

Based on these ratios the loads for MdRU-C-1 and MdRU-C-2 were multiplied by 17.3 and 31.9, respectively, to estimate the Under-Represented Area.

**DRAFT FINAL  
REPORT**

**Marina del Rey Parking Lots 5 and 7**  
First Phase Post-Construction  
BMP Effectiveness Monitoring Report

Los Angeles County  
Department of Public Works  
900 S. Fremont Ave.  
11<sup>th</sup> Floor  
Alhambra, CA 91803

July 28, 2016



# Table of Contents

<b>Section 1 Introduction .....</b>	<b>1-7</b>
1.1 Marina del Rey TMDLs .....	1-7
1.2 Stormwater BMP Retrofits for Lots 5 & 7 .....	1-8
1.2.1 Parking Lot 5 BMP .....	1-8
1.2.2 Parking Lot 7 BMP .....	1-9
<b>Section 2 Monitoring Methodology.....</b>	<b>2-1</b>
2.1 Post-Construction Monitoring Plan .....	2-1
2.1.1 Sites.....	2-1
Parking Lot 5.....	2-1
Parking Lot 7.....	2-3
2.1.2 Frequency/Schedule.....	2-5
2.1.3 Mobilization Criteria.....	2-5
2.1.4 Timing of Sample Collection.....	2-6
2.1.5 Description of Field Sampling.....	2-6
Parking Lot 5 Sample Collection.....	2-6
Parking Lot 7 Sample Collection.....	2-9
2.1.6 Laboratory Analysis.....	2-10
2.1.7 Data Review and Laboratory QA/QC.....	2-10
<b>Section 3 2014-2016 Wet Seasons.....</b>	<b>3-1</b>
3.1 Summary of Field Work During 2014-2016 Wet Seasons .....	3-1
3.2 2014-2015 Wet Season .....	3-2
3.2.1 First Sampling Event – April 7, 2015.....	3-2
3.2.2 Second Sampling Event – May 14 and 15, 2015 .....	3-3
3.3 2015-2016 Wet Season .....	3-4
3.3.1 Third Sampling Event – January 5, 2016.....	3-4
3.3.1 Fourth Sampling Event – March 5 and 11, 2016 .....	3-5
<b>Section 4 Results and Discussion .....</b>	<b>4-1</b>
4.1 First Phase Post-Construction Water Quality Data.....	4-1
4.1.1 Bacteria .....	4-1
4.1.2 Metals.....	4-3
4.1.3 Other.....	4-7
4.2 Effectiveness Assessment .....	4-9
4.2.1 Runoff Volume.....	4-9
4.2.2 Pollutant Loads.....	4-10
<b>Section 5 Findings.....</b>	<b>5-1</b>

## List of Figures

Figure 1-1	Modular Wetlands System Linear Biofiltration BMP at Parking Lot 5.....	1-9
Figure 1-2	Bioretention BMP at Parking Lot 7.....	1-10
Figure 2-1	Parking Lot 5 Post-Construction Monitoring Sites.....	2-2
Figure 2-2	MWS No. 2 with Knack Box Equipment Housing.....	2-3
Figure 2-3	Parking Lot 7 Post-Construction Monitoring Sites.....	2-4
Figure 2-4	Influent Drain at Parking Lot 7.....	2-5
Figure 2-5	Curb Cut Out for Overflow at Parking Lot 7.....	2-5
Figure 2-6	Influent grab sample at pretreatment chamber of Parking Lot 5 MWS No. 2.....	2-7
Figure 2-7	Effluent grab sample location at discharge chamber of Parking Lot 5 MWS No. 2.....	2-8
Figure 2-8	Influent autosampler sample at pretreatment chamber of Parking Lot 5 MWS No. 2..	2-8
Figure 2-9	Effluent autosampler sample at discharge chamber of Parking Lot 5 MWS No. 2.....	2-9
Figure 2-10	Typical Parking Lot 7 site with drains plugged and sample collected by scoop.....	2-10
Figure 3-1	Hourly Rainfall Intensity at Electric Ave. Rain Gage on April 7, 2015 at (A) Parking Lot 5 and (B) Parking Lot 7.....	3-2
Figure 3-2	Hourly Rainfall Intensity at Electric Ave. Rain Gage on May 14 and 15, 2015 at (A) Parking Lot 5 and (B) Parking Lot 7.....	3-3
Figure 3-3	Hourly Rainfall Intensity at Electric Ave. Rain Gage on January 5 through 7, 2016 at (A) Parking Lot 5 and (B) Parking Lot 7.....	3-5
Figure 3-4	Hourly Rainfall Intensity at Electric Ave. Rain Gage on March 5 and 6, 2016 at Parking Lot 7.....	3-6
Figure 3-5	Hourly Rainfall Intensity at Electric Ave. Rain Gage on March 11, 2016 at Parking Lot 5.....	3-7
Figure 4-1	<i>E.coli</i> concentrations in influent and effluent at Parking Lots 5 and 7.....	4-3
Figure 4-2	<i>E.coli</i> Concentrations for each sampling event at Parking Lot 5.....	4-3
Figure 4-3	Influent and effluent concentrations of (A) total copper and (B) dissolved copper at Parking Lots 5 and 7.....	4-5
Figure 4-4	Total and dissolved copper concentrations for each sampling event at Parking Lot 5	4-5
Figure 4-5	Influent and effluent concentrations of (A) total zinc and (B) dissolved zinc at Parking Lots 5 and 7.....	4-6
Figure 4-6	Total and dissolved zinc concentrations for each sampling event at Parking Lot 5.....	4-7
Figure 4-7	Influent and effluent concentrations of TSS at Parking Lots 5 and 7.....	4-9
Figure 4-8	TSS concentrations for each sampling event at Parking Lot 5.....	4-9

## List of Tables

Table 1-1	Summary of Current TMDL Numeric Targets, Waste Load Allocations and Compliance Milestone Dates.....	1-8
Table 2-1	Summary of QA/QC Analyses.....	2-12
Table 2-2	Summary of QA/QC flagged data.....	2-13
Table 3-1	Summary of Rainfall Depth and Duration for Sampling Events.....	3-1
Table 4-1	Bacteria Concentrations Observed During Each Storm Event (MPN/100 ml).....	4-2

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Table 4-2	Summary of Metals Concentrations (mg/L).....	4-4
Table 4-3	Summary of Petroleum-Related Organics, Total Hardness, and TSS data .....	4-8
Table 4-4	Average Pollutant Loads .....	4-11
Table 4-5	Pollutant Loading Rates .....	4-11

## Appendices

Appendix A Water Quality Data

Appendix B Laboratory Reports

## List of Acronyms

Bacteria TMDL	Marina Del Rey Harbor Mothers' Beach and Back Basins Bacteria TMDL
BMP	Best Management Practices
CoC	Chain of Custody
DDT	Dichlorodiphenyltrichloroethane
EMP	Effectiveness Monitoring Plan
EPA	U.S. Environmental Protection Agency
GRO	Gasoline Range Organics
LACDPW	Los Angeles County Department of Public Works
LARWQCB	Los Angeles Regional Water Quality Control Board
MDRH	Marina del Rey Harbor
MS4	Municipal Separate Storm Sewer System
NPDES	National Pollution Discharge Elimination System
PCBs	Polychlorinated biphenyls
TMDL	Total Maximum Daily Limit
TMDLIP	TMDL Implementation Plans
Toxic Pollutants TMDL	Marina Del Rey Harbor Toxic Pollutants TMDL
TPH	Total Petroleum Hydrocarbon
TSS	Total Suspended Solids



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# Section 1

## Introduction

This report presents an initial analysis of water quality data collected during Years 1 and 2 of post-construction monitoring from Parking Lots 5 and 7 located in the Marina Del Rey Harbor (MdrH) watershed. The Los Angeles County Department of Public Works (LACDPW) has installed bioretention and biofiltration best management practices (BMPs) at these sites as part of pilot projects to retrofit water quality treatment BMPs necessary to meet regulatory requirements. In order to assess the performance of the pilot BMP projects, LACDPW has developed an Effectiveness Monitoring Program that encompasses water quality monitoring under baseline conditions (prior to construction of the BMPs) and post-construction conditions.

### 1.1 Marina del Rey TMDLs

Water quality impairments in the MdrH are addressed by two TMDLs:

- MdrH Mother's Beach and Back Basins Bacteria TMDL (effective on March 18, 2004; revised on July 2, 2014), and
- MdrH Toxic Pollutants TMDL (effective on March 22, 2006; revised on October 16, 2015)

Table 1-1 summarizes the current applicable TMDL numeric targets and waste load allocations.

**Table 1-1 Summary of Current TMDL Numeric Targets, Waste Load Allocations and Compliance Milestone Dates**

TMDL	Pollutant	Numeric Target	WLA
MdRH Mother's Beach and Back Basins Bacteria TMDL	Bacteria	<b>Geometric Mean:</b> Total Coliform < 1,000/100 ml Fecal Coliform < 200/100 ml Enterococcus < 35/100 ml <b>Single Sample:</b> Total Coliform < 10,000/100 ml Fecal Coliform < 400/100 ml Enterococcus < 104/100 ml Total coliform < 1,000/100 ml if ratio of fecal to total coliform exceeds 0.1	<b>MS4 Permittees Allowable Exceedances per Year for different monitoring frequencies</b> Summer Dry Weather: 0 Winter Dry Weather: 9 daily, 2 weekly Winter Wet Weather: - 17 daily, 3 weekly (MrDH-1 to MrDH-8) - 8 daily, 1 weekly (MrDH-9) Geometric Mean Targets: 0
MdRH Toxics Pollutant TMDL	Copper	<b>In Sediment:</b> 34 mg/kg sediment <b>In Water Column (as dissolved):</b> - Acute (Single Sample) 4.8 ug/L - Chronic (4-day average) 3.1 ug/L	MS4 Permittees 2.26 kg/yr
	Lead	<b>In Sediment:</b> 46.7 mg/kg	MS4 Permittees 3.10 kg/yr
	Zinc	<b>In Sediment:</b> 150 mg/kg	MS4 Permittees 9.96 kg/yr
	Chlordane	<b>In Sediment:</b> 0.5 ug/kg	MS4 Permittees 0.0332 g/yr
	Total PCBs	<b>In Sediment:</b> 3.2 ug/kg <b>In Water Column:</b> 0.00017 ug/L <b>In Fish Tissue:</b> 3.6 ug/kg	MS4 Permittees 1.51 g/yr
	Total DDTs	<b>In Sediment:</b> 1.58 ug/kg	MS4 Permittees 0.10 g/yr
	p, p' DDE	<b>In Sediment:</b> 2.2 ug/kg	MS4 Permittees 0.15 g/yr

## 1.2 Stormwater BMP Retrofits for Lots 5 & 7

The Bacteria TMDLIP identifies seven sites on publically owned parcels for implementation of structural BMPs to serve as pilot projects. Two of the sites, Parking Lot 7 and Parking Lot 5, were identified as potential pilot project sites. LADPW prepared a conceptual design for Parking Lot 7 that included installation of a cistern/rain barrel to store, treat, and reuse stormwater runoff from the parking lot for irrigation. Similarly, for Parking Lot 5, LADWP identified a conceptual biofiltration system. Subsequently, the Multi-pollutant TMDLIP re-evaluated the publically owned sites and narrowed the number of candidate pilot project sites to five for implementation of structural BMP pilot projects. Both Parking Lots 5 and 7 remained as potential sites.

### 1.2.1 Parking Lot 5 BMP

During development of the multi-pollutant TMDLIP, the Parking Lot 5 conceptual design was modified to incorporate biofiltration planters to treat stormwater runoff prior to discharge into Basin F. Similar to Parking Lot 7, these modifications were incorporated in order to address multiple pollutants. The Modular Wetlands System (MWS) Linear biofiltration BMPs were designed to utilize soil and plant based filtration devices to remove pollutants conveyed in stormwater runoff using physical, biological, and chemical processes. In the event of a large storm, a raised catch basin was proposed to allow runoff to bypass the filtration system. Construction of the pilot project began in February 2014 and was completed in September 2014.

As designed, the pilot project removed existing planters located in the southwest area of the parking lot and replaced them with four MWS Linear biofiltration BMPs (Figure 1-1). These BMPs are self-contained treatment trains using the following treatment processes: screening, media filtration, and biofiltration. Runoff is directed to the BMPs for treatment via gutters and treated water is discharged from the BMPs to two existing catch basins and then into Basin F via the existing outfalls.



**Figure 1-1**  
**Modular Wetlands System Linear Biofiltration BMP at Parking Lot 5**

### **1.2.2 Parking Lot 7 BMP**

During development of the multi-pollutant TMDLIP, the Parking Lot 7 conceptual design was modified to utilize bioretention BMPs to address multiple pollutants, including metals and bacteria, to meet pollution reduction goals. As proposed, the project's conceptual design includes a concave bioretention swale system between Parking Lot 7 and Admiralty Way to capture a 90th percentile 24-hour storm event. Excess flows are conveyed to the street. Construction of the project began in February 2014 and was completed in September 2014

As designed, the project is anticipated to treat 7,710 cubic feet of runoff in six parkway bioretention swales (Figure 1-2). Runoff is diverted to the swales, captured, and treated through natural infiltration. Runoff in excess of the capacity of the swales is discharged through the curb and gutter cut spillways located at the end of each swale onto Admiralty Way.



**Figure 1-2**  
**Bioretention BMP at Parking Lot 7**

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## Section 2

# Monitoring Methodology

The Parking Lots 5 and 7 Effectiveness Monitoring Program involves collection of stormwater runoff data to provide a basis for evaluating pre- and post-BMP construction water quality characteristics of Parking Lots 5 and 7 in the unincorporated areas of LA County in the MDRH watershed. The EMP includes collection of water quality data during both pre-construction (summer of 2014) and post-construction phases (winter of 2014 and after). Data from the pre-construction phase is used to assess the pollutant loads in the absence of treatment BMPs and was collected during the 2013-2014 wet season. Water quality data collected during the post-BMP construction phase will be used to quantify pollutant load reductions achieved through the installation of bioretention and biofiltration BMPs.

## 2.1 Post-Construction Monitoring Plan

The post-BMP construction water quality sampling includes influent and effluent sampling to quantitatively assess the pollutant removal effectiveness of the pilot BMPs. Details regarding the monitoring plan, including event frequency, timing of sample collection, sites, constituents for analysis, and mobilization criteria for both pre-construction and post-construction monitoring are contained in the Marina del Rey Parking Lots 5 & 7 BMP Effectiveness Monitoring Plan (CDM Smith 2013). As this report focuses on the first two years of post-construction monitoring, only the details regarding post-construction events are summarized below.

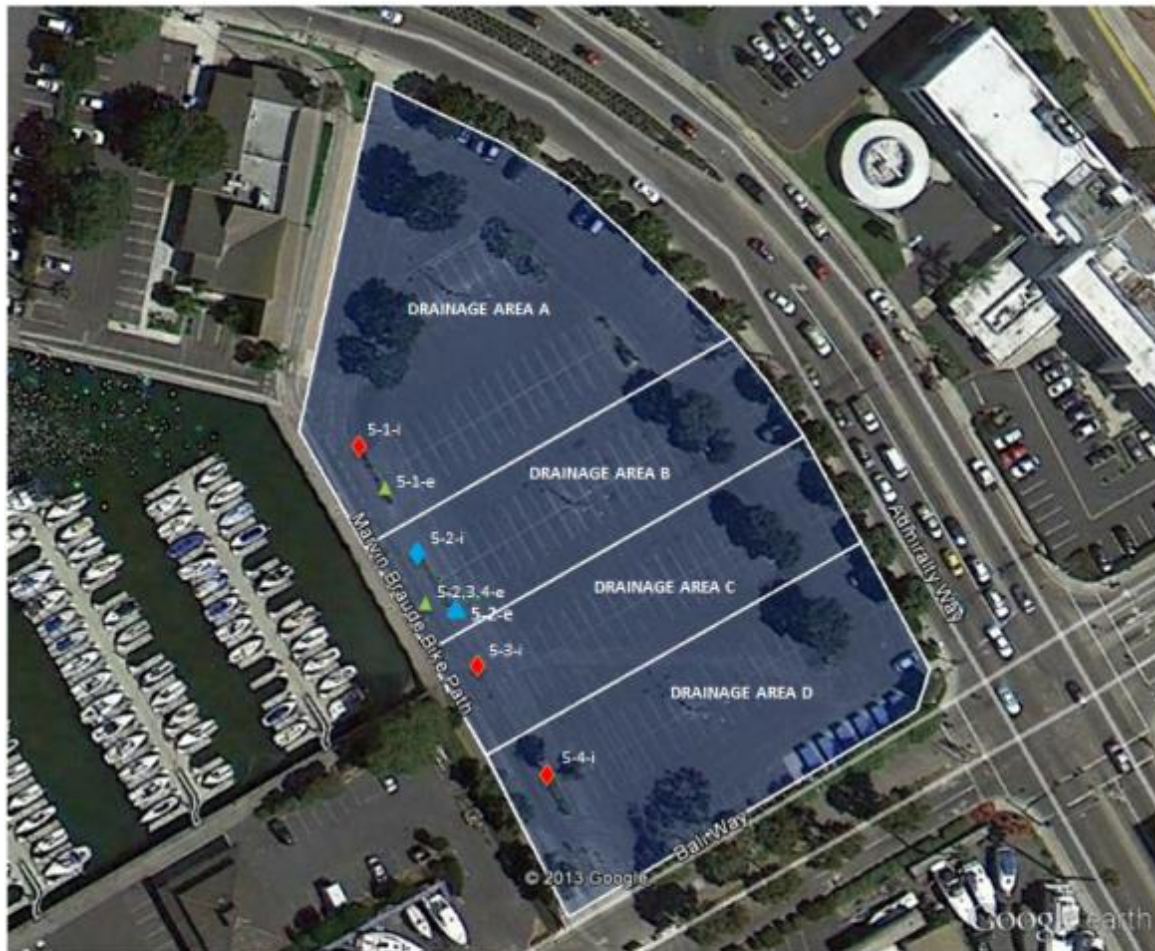
### 2.1.1 Sites

#### Parking Lot 5

Post-BMP construction monitoring at Parking Lot 5 was conducted at two sites, one to reflect sampling upstream of BMPs (untreated stormwater) and the second to reflect sampling downstream of BMPs (treated stormwater). Two sites within the Modular Wetland System (MWS) No. 2 were selected for the first phase of post-construction monitoring as depicted in Figure 2-1. One site is located at the pretreatment chamber, representing influent from upstream of the BMP, and one site is located at the discharge chamber, representing treated stormwater. Influent samples were collected inside the pretreatment chamber before the influent reaches treatment components of the BMP. During the 2014-2015 wet season, grab samples were collected for all constituents. During the 2015-2016 wet season, composite water quality samples were collected for a subset of the constituents using autosamplers (ISCO 6712 Autosampler) set up in the pretreatment and discharge chambers. Sample collection by the autosampler was time-paced and the compositing routines were manually calculated based on flow data collected by the autosampler. Flows were monitored using a water level logger (ISCO 730 Bubbler Module) in conjunction with a stainless steel weir installed in the chambers. Bacteria and TPH samples were collected as manual grab samples due to holding time and cross contamination concerns. Equipment is temporarily housed in a box (Knack or equivalent) adjacent to the BMP (Figure 2-2).



- **Post-BMP construction Influent (Sample ID: Lot 5-2-I).** The monitoring location is in the pretreatment chamber of MWS No. 2 serving Drainage Area B (approximately 0.4 acres). There are multiple inflows to the pretreatment chamber; therefore, storm event samples were pumped from well-mixed flows just before the nappe over the v-notch weir within the pretreatment chamber upstream of the cartridge media filter.
- **Post-BMP construction Effluent (Sample ID: Lot 5-2-E).** The monitoring location is in the discharge chamber of MWS No. 2. Storm event composite samples were collected from the discharge chamber using an auto-sampler following the same time-paced protocols at the influent site. Flows were monitored using a water level logger in conjunction with a metal v-notch weir installed in the chamber.



Legend	
◆	Year 1 Influent Monitoring Site (5-2-i)
▲	Year 1 Effluent Monitoring Site (5-2-e)
◆	Additional Influent Monitoring Sites (not for Year 1)
▲	Additional Effluent Monitoring Sites (not for Year 1)

Figure 2-1  
Parking Lot 5 Post-Construction Monitoring Sites



**Figure 2-2**  
**MWS No. 2 with Knack Box Equipment Housing**

### **Parking Lot 7**

Post-BMP construction monitoring at Parking Lot 7 was conducted at three sites to reflect sampling upstream of BMPs (untreated stormwater) and sampling downstream of BMPs (treated stormwater) (Figure 2-3). The bioretention swales were designed to capture and retain (i.e., infiltrate) runoff flows from up to a 90th percentile storm event (1.32 inches over 24 hours). Influent samples were collected from runoff before it entered the drain (Figure 2-4). When appropriate, effluent grab samples were collected as overflow exits the BMP at the curb cuts (Figure 2-5). Dependent upon rainfall amounts and antecedent moisture in the underlying soils, the swales may not overflow during the sampling period.

The drainage area to each of the Parking Lot 7 pre-BMP construction sample locations is approximately 0.2 acres.

- **Post-BMP construction Influent (Site ID: 7-4-I).** The sample location is within drainage area D east of the lot entrance, ~50 parking spaces, at the existing inlet on the parking lot side, refer to Figure 2-2. Grab samples were collected from the 4-inch drain in the parking lot. A temporary berm was used to increase the depth of water at the curb leading to the 4-inch drain so that a sample container could be filled.
- **Post-BMP construction Effluent (Site ID: 7-4-E-1).** The monitoring location is located downstream of the curb at Admiralty Way within the bioretention BMP receiving runoff from Site 7-4-I. Sampling would only occur if the BMP overflowed and water was flowing through the curb and gutter cut on Admiralty Way.



2 • Monitoring Methodology

- Post-BMP construction Effluent (Site ID: 7-4-E-2).** The monitoring location is located downstream of the curb at Admiralty Way within the bioretention BMP receiving runoff from site 7-4-I. Sampling would only occur if the BMP overflowed and water was flowing through the curb and gutter cut on Admiralty Way.



Legend	
<span style="color: blue;">◆</span>	Year 1 Influent Monitoring Site (7-4-I)
<span style="color: blue;">▲</span>	Year 1 Effluent Monitoring Sites (7-4-E-1 & 7-4-E-2)
<span style="color: red;">◆</span>	Additional Influent Monitoring Sites (not for Year 1)
<span style="color: green;">▲</span>	Additional Effluent Monitoring Sites (not for Year 1)

Figure 2-3  
Parking Lot 7 Post-Construction Monitoring Sites



**Figure 2-4**  
**Influent Drain at Parking Lot 7**



**Figure 2-5**  
**Curb Cut Out for Overflow at Parking Lot 7**

### 2.1.2 Frequency/Schedule

The Effectiveness Monitoring Program includes a target of sample collection from four representative storm events during the 2014-2015 wet season (October 15 – April 15) beginning on October 15 and extending through April 15, as defined in the Los Angeles County NPDES MS4 Permit. Due to the late start of the 2014-2015 wet season, the wet season was extended into May, however, four storm events could not be sampled during that period. As such, the monitoring plan was adjusted included the 2015-2016 wet season (October 15-April 15). As a result, this report includes Years 1 and 2 of the post-construction Effectiveness Monitoring Program.

### 2.1.3 Mobilization Criteria

Mobilization for monitoring of a wet weather event was decided by the Project Manager; however, several criteria are included below to guide the final decision for mobilization. Prior to an anticipated storm event, the following steps are taken by the project team:

- Prepare to deploy the sampling team if greater than 0.25 inches of rain is forecasted within the next 24 hours for Marina del Rey (National Weather Service at [weather.gov](http://weather.gov)). The sampling team was placed on stand-by and made necessary preparations to deploy.

- Field team confirmed deployment with both the Project Manager as well as LACDPW staff within 24 hours of the forecasted storm.
- If storm is still forecasted for 0.25 inches within 6 hours of expected beginning of rain, the sampling team arrived one hour prior to expected start of the rain event.
- After 0.1 inches is recorded at the real time LACDPW Oxford Basin rain gauge, Ballona Creek ALERT station No. 370, Electric Ave. P.P. ALERT station No. 461, or El Segundo Yard ALERT station No. 371, field crews begin collecting first runoff samples.
- Since rain events can be highly variable and localized, some field judgment is required to account for unusual or unpredicted rainfall patterns. The field crews are in regular communication with the Project Manager to determine if adjustments are necessary.

#### 2.1.4 Timing of Sample Collection

The EMP includes a goal of four storm events for the first year of post-construction monitoring. Grab stormwater runoff samples from Parking Lot 7 and flow-weighted composite samples from Parking Lot 5 were collected during each monitored storm event. To meet the maximum holding times allowed for bacterial constituents, all grab sample collection ceased four hours after the first sample is collected.

#### 2.1.5 Description of Field Sampling

The four rain events sampled for Parking Lots 5 and 7 during the first phase of post-BMP construction followed different protocols during the 2014-2015 and 2015-2016 wet seasons (without and with autosampler equipment, respectively). Four people were on-site assisting with sampling for each event.

Field equipment included:

- Water quality probe to measure pH and temperature
- Autosamplers at the two Parking Lot 5 monitoring sites, including deep cycle batteries
- 11 bottles per site per round of grab samples for conventional and metals parameters
- Up to 48 bottles per site in Parking Lot 5 for autosamplers
- Coolers, ice, and 2.5 gallon Ziploc bags to organize and store samples
- Scoop for sample grab (jug from lab cut in half)
- DI Water
- Tape measure for measuring water level at each site

#### Parking Lot 5 Sample Collection

During the 2014-2015 wet season, samples were collected as grab samples from the pretreatment and discharge chambers of MWS No. 2. In the pretreatment chamber, influent samples were collected from the two inlet pipes (Figure 2-6). Effluent samples were collected



from the ponded treated runoff in the discharge chamber (Figure 2-7). All samples were transported to the lab within the 6-hour holding time for bacterial constituents. Field measurements of water quality parameters were measured using a portable pH probe.

During the 2015-2016 wet season, samples were collected as both grab samples as well as flow-weighted composite samples from autosamplers. Grab samples were collected from the pretreatment and discharge chambers. For a subset of constituents where compositing is permitted (non-bacteria and non-TPH samples), autosamplers collected samples from both chambers based on a time interval, where time intervals are dependent on the expected storm duration (Figures 2-8 and 2-9). Autosampler samples are composited by the laboratory based on a compositing scheme based on estimated flow rates. All grab samples were transported to the lab within the 6-hour holding time for bacterial constituents. Autosampler-collected samples were transported to the lab at the conclusion of the storm event. Field measurements of water quality parameters were measured using a portable probe.



**Figure 2-6**  
**Influent grab sample at pretreatment chamber of Parking Lot 5 MWS No. 2**



**Figure 2-7**  
Effluent grab sample location at discharge chamber of Parking Lot 5 MWS No. 2



**Figure 2-8**  
Influent autosampler sample at pretreatment chamber of Parking Lot 5 MWS No. 2





**Figure 2-9**  
Effluent autosampler sample at discharge chamber of Parking Lot 5 MWS No. 2

### **Parking Lot 7 Sample Collection**

During the 2014-2015 and 2015-2016 wet seasons, grab samples were collected at the inlet of the 4-inch PVC drains which discharges to the bioretention BMP on the other side of the sidewalk. During each storm event, the inlet site (7-4-I) was sampled while the outlet sites (7-4-E-1 and 7-4-E-2) were observed, during which overflow did not occur. During lighter rainfall intensities, the 4-inch PVC drain was plugged with a stuffed and sealed Ziploc bag to pond water for a sample grab and the one-gallon scoop was used to transfer water from the ponding to the individual sample bottles. Figure 2-10 shows a typical site with drains plugged and runoff at the site gathered by the scoop. All samples were transported to the lab within the 6-hour holding time for bacterial constituents. Field measurements of water quality parameters were measured using a portable probe. After all the samples and water quality parameters were gathered at each site, the Ziploc plugs were removed and the ponding was drained until the water returned to its original level at the site.



**Figure 2-10**  
Typical Parking Lot 7 site with drains plugged and sample collected by scoop

### 2.1.6 Laboratory Analysis

Eurofins Calscience (Calscience) analyzed samples collected during the 2014-2016 wet season. Samples were hand delivered to Calscience the same day of sampling and always met the 6-hour holding time for bacterial constituents. Sample bottles were labeled with the site and time, and packed into coolers with ice before being delivered to Calscience.

Chain of Custody (CoC) forms were presented to Calscience with all the samples listed by time, site, and analysis requested. Calscience would inspect the delivery to confirm the CoC matched the samples they had received and both Calscience and CDM Smith would sign the CoC form to relinquish the samples to the care of Calscience. During the March 5<sup>th</sup>, 2016 event, bacteria samples were collected from Parking Lot 7 during late night hours. As a result, Calscience was unable to receive and process these samples and these samples were delivered to the Los Angeles County Toxicology Laboratory for analysis.

### 2.1.7 Data Review and Laboratory QA/QC

A number of quality assurance/quality control (QA/QC) measures were employed in the field and laboratory to verify that the samples collected during the Marina del Rey Parking Lots 5 & 7 sampling program were of known quality. Field QA/QC samples were collected and tested to provide quality control checks on the representativeness of the environmental samples collected, the accuracy and precision of sample analyses, and sample handling procedures. During the sampling program, duplicate water samples and field blanks were collected as field QC samples.

Laboratory data were reviewed for inclusion and frequency of the necessary QC supporting information. Supporting QC documentation that was evaluated for each analytical report included the following major items:

- sample holding times
- method blanks
- matrix spike/matrix spike duplicate (MS/MSD) recoveries
- relative percent difference (RPD) between MS and MSD
- laboratory control sample (LCS) recoveries
- surrogate spike recoveries

The review included water data generated by Eurofins Calscience (Calscience), located in Garden Grove, California. The following table summarizes the number, types, and analyses performed by Calscience. Bacteriological samples were subcontracted by Calscience to Silliker, Incorporated, of Cypress, California.

Table 2-1 Summary of QA/QC Analyses

Laboratory Work Order	Sample ID	Sample Date	Sample Type	Analyses
15-04-0490	5-2-I	4/7/15		TPH-diesel, TPH-gasoline, VOCs, hardness, TSS, metals (total and dissolved), bacteria (total and fecal coliform, enterococci, <i>E.coli</i> )
	5-2-IDUP	4/7/15	Dup	
	Blank	4/7/15	Blank	
15-05-1102	5-2-I	5/14/15		TPH-diesel, TPH-gasoline, TPH-motor oil, hardness, TSS, metals (total and dissolved), bacteria (total and fecal coliform, enterococci, <i>E.coli</i> )
	5-2-E	5/14/15		
	5-2-E Dup	5/14/15	Dup	
	Blank	5/14/15		
15-05-1156	7-4-I	5/15/15		
16-01-0123	5-2-I-G	1/5/16		Hardness, TSS, metals (total and dissolved), bacteria (total and fecal coliform, enterococci, <i>E.coli</i> )
	5-2-E-G	1/5/16		
	5-2-E-G-D	1/5/16	Dup	
	7-4-I	1/5/16		
	Blank	1/5/16	Blank	
16-01-0417	5-2-I	1/7/16		Hardness, TSS, metals (total and dissolved), bacteria (total and fecal coliform, enterococci, <i>E.coli</i> )
	5-2-E	1/7/16		
16-03-0415	7-4-I	3/5/16		TPH-diesel, TPH-gasoline, TPH-motor oil, hardness, TSS, metals (total and dissolved), bacteria (total and fecal coliform, enterococci, <i>E.coli</i> )
	7-4-I-Dup	3/5/16	Dup	
16-03-0935	5-2-I-G	3/11/16		Hardness, TSS, metals (total and dissolved), bacteria (total and fecal coliform, enterococci, <i>E.coli</i> )
	5-2-E-G	3/11/16		
	Blank	3/11/16	Blank	
	5-2-I I1-24	3/11/16		
	5-2-E E1-24	3/11/16		

Analytical reports were reviewed and evaluated to assess the overall quality and usability of the project data. In total, 22 samples (including field duplicates and blanks) were submitted for analyses (shown on table above) to Calscience during the 2014-2016 monitoring season. Data quality assessment was based upon review of holding times, laboratory blanks, laboratory control samples, and laboratory and field duplicates. All data were considered usable and met the project objectives and none of the results were rejected as a result of laboratory or field QC issues. The

following summarizes any laboratory or field related QC issues that were reported during the data review:

1. One batch of samples (laboratory work order #15-04-0490) analyzed for VOCs contained TCE in the matrix spike duplicate (MSD) sample at a concentration slightly below the acceptance limit. Because the corresponding MS and laboratory control sample (LCS) recoveries were within acceptable limits, no further action was warranted.
2. In two batches of samples analyzed for metals (laboratory work orders #15-04-0490 and #16-03-0415), the MS recoveries exceeded the upper control limits. Because the corresponding MSD and LCS recoveries were within range, no further action was warranted.
3. In two batches of samples analyzed for zinc (laboratory work orders #16-01-0417 and #16-03-0935), total zinc was reported in the method blank. Because the zinc concentrations in all associated samples were greater than 5 times the blank contamination, no further action is required.
4. Due to field duplicate precision issues (i.e., a relative percent difference between primary and duplicate samples exceeding a 50 percent criterion), several results should be qualified as estimated (J-flagged) as shown in Table 2-2.

**Table 2-2 Summary of QA/QC flagged data**

Sample IDs	Constituent	Results		RPD
		Primary	Duplicate	
5-2-I/5-2-IDUP	Total copper	0.2	0.104	63
	TSS	137	38	113
	Enterococci	30	80	91
	Fecal coliform	110	50	75
5-2-E/5-2-E Dup	Total zinc	1.96	0.0598	190
	Total coliform	50	110	75
	Enterococci	500	2300	130
5-2-E-G/5-2-E-G-D	Total zinc	0.0363	0.0616	52
	Total coliform	1300	2300	56
	Fecal coliform	800	280	96

## Section 3

### 2014-2016 Wet Seasons

#### 3.1 Summary of Field Work During 2014-2016 Wet Seasons

Post-construction sampling at Parking Lots 5 and 7 occurred during drought years, where 6.45 inches and 5.74 inches of rain were recorded during the 2014-2015 and 2015-2016 wet seasons (October 15 through April 15), respectively, at the Electric Avenue Pumping Plant gage as reported by the Los Angeles Department of Public Works' (LADPW) automatic rain gage reporting system. The recorded total for the 2014-2015 and 2015-2016 wet seasons are 53 and 47 percent of the average annual precipitation of 12.2 inches, respectively<sup>1</sup>.

The first two sampling events occurred on April 7, 2015 and May 14-15, 2015. Both events were near the threshold of 0.25 inches of rainfall (0.2 and 0.36 inches respectively) although that includes precipitation before and after sampling finished. The light rainfall required the sampling team to wait for sufficient runoff at each site before proceeding to the next round of sampling. During the May 14-15 event, the sampling team ceased sample collection on May 14 to meet holding time requirements and begin transporting samples the lab. Remaining samples were collected during the following morning. Samples were collected by grab samples only.

The third and fourth events occurred on January 5, 2016 and March 5<sup>th</sup> and 11<sup>th</sup>, 2016 were larger, possibly due to the El Nino year. Total rainfall was 2.38 inches for the January event and 1.12 and 0.40 inches for the March 5<sup>th</sup> and 11<sup>th</sup> events, respectively. Both grab samples and flow-weighted composite samples were collected. During the March 5<sup>th</sup> event, rainfall seemed unlikely to generate enough runoff at Parking Lot 5 for sampling so samples were collected from Parking Lot 7 only. Parking Lot 5 samples were collected during the following storm on March 11<sup>th</sup>. Table 3-1 summarizes the rainfall depth, duration, and runoff rate for each of the sampled events.

**Table 3-1 Summary of Rainfall Depth and Duration for Sampling Events**

Event	Date	Rainfall Depth (in)	Duration of Storm (hr)	Lot 5 Estimated Runoff Volume (AF)	Lot 7 Estimated Runoff Volume (AF)	Lot 5 Peak Flow Rate (cfs)	Lot 7 Peak Flow Rate (cfs)	Antecedent Dry Conditions (days)
1	April 7, 2015	0.20	2.5	0.006	0.003	0.07	0.04	36
2	May 14-15, 2015	0.36	33	0.011	0.006	0.13	0.07	6
3	January 5-7, 2016	2.38	48	0.070	0.038	0.84	0.45	13
4A	March 5, 2016	1.12	55.5		0.018		0.21	15
4B	March 11, 2016	0.40	2	0.012		0.14		3

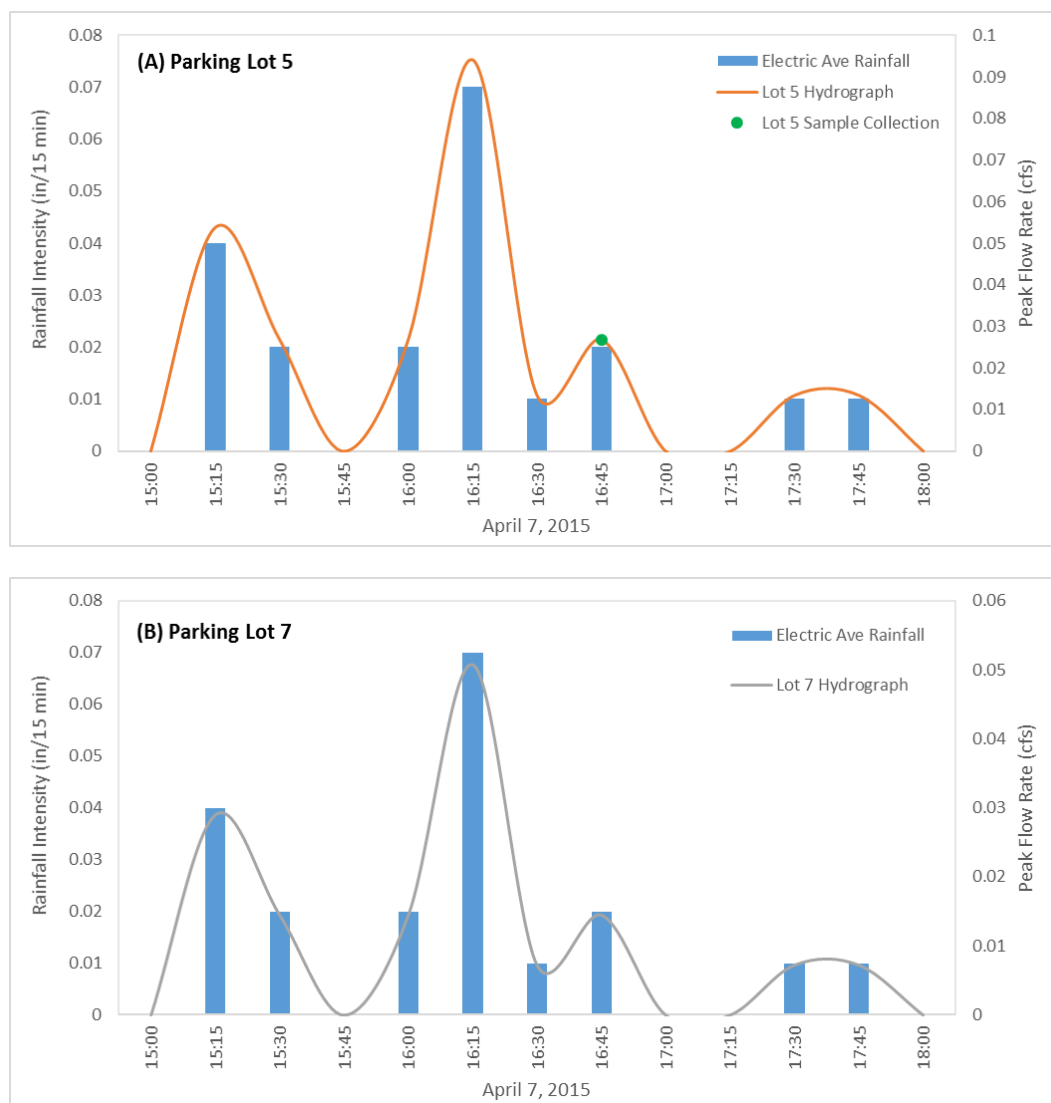
\*Peak flow rate estimated using the Rational Method

<sup>1</sup> Average annual precipitation based on 63 years of historical rain data from the NOAA LAX gage.

## 3.2 2014-2015 Wet Season

### 3.2.1 First Sampling Event – April 7, 2015

The rainfall totals during the April 7, 2015 sampling event was 0.2 inches of rain over three hours. This resulted in an estimated runoff volume of 0.006 AF and 0.003 AF at Parking Lots 5 and 7, respectively. The amount and intensity of rainfall was too low to generate enough runoff for sample collection at Parking Lot 5 MWS No. 2 effluent (site 5-2-E) and at Parking Lot 7 (sites 7-4-I, 7-4-E-1, and 7-4-E-2). Samples and duplicate samples were collected from Parking Lot 5 MWS No. 2 influent (site 5-2-I), as well as blank samples. Figure 3-1 shows the rainfall hyetograph, flow hydrograph, and grab sample collection times for the April 7, 2015 event. The hydrographs for this event are generated using the Rational Method and rainfall intensities in Figure 3-1.

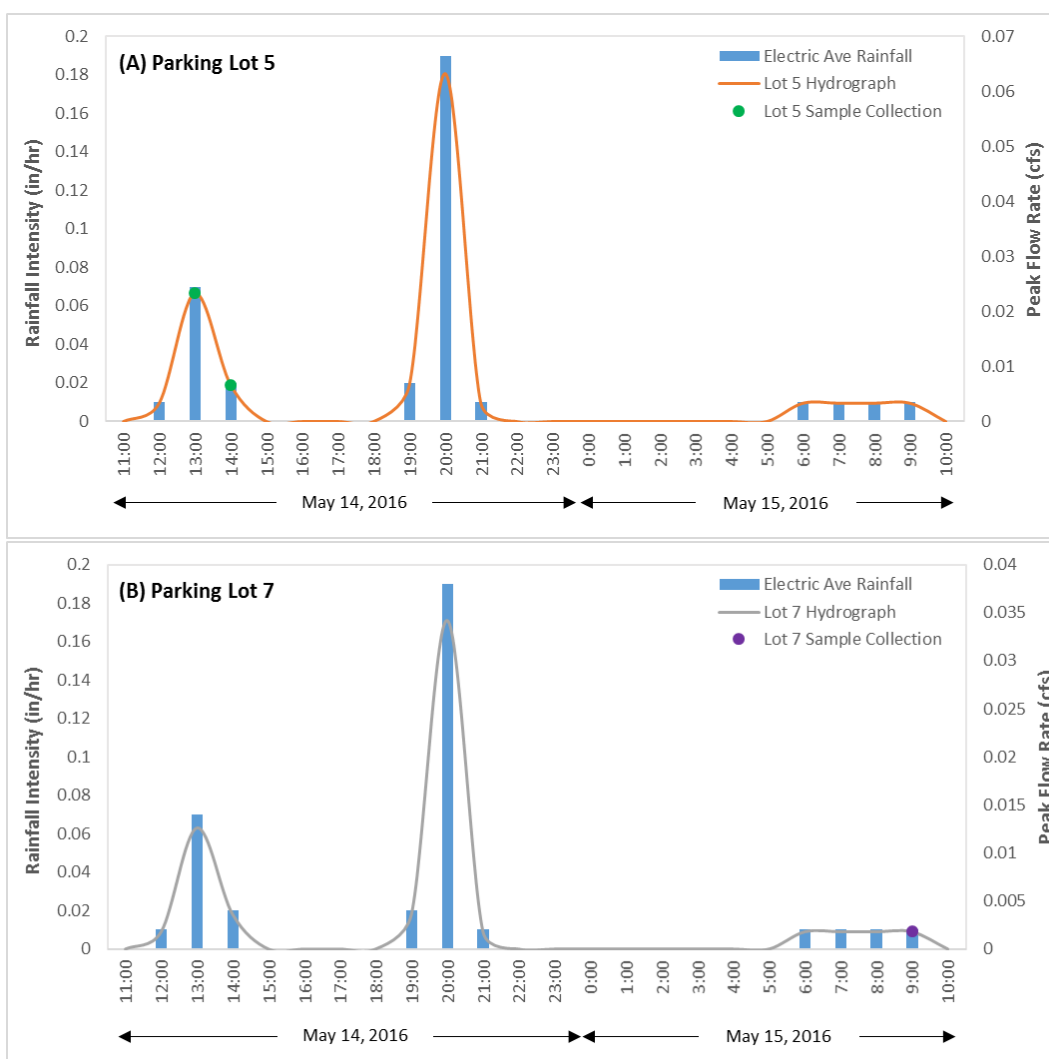


**Figure 3-1**  
Hourly Rainfall Intensity at Electric Ave. Rain Gage on April 7, 2015 at (A) Parking Lot 5 and (B) Parking Lot 7



### 3.2.2 Second Sampling Event – May 14 and 15, 2015

The rainfall totals during the May 14-15, 2015 sampling event was 0.36 inches of rain over a 33-hour period. This resulted in an estimate runoff volume of 0.011 AF and 0.006 AF at Parking Lots 5 and 7, respectively. Intermittent rainfall during the sampling event caused downtime waiting for the rain to start and pond before proceeding with sampling. To meet bacteria holding time requirements, Parking Lot 5 samples were delivered to the lab on May 14. Parking Lot 7 samples were collected during the following morning and delivered to the lab on May 15. Samples were collected from all sites except Parking Lot 7 effluent (sites 7-4-E-1 and 7-4-E-2) as there was no overflow during the storm. Blank and duplicate samples were collected from Parking Lot 5 MWS No. 2 effluent. Figure 3-2 shows the rainfall hyetograph, flow hydrograph, and grab sample collection times for the May 14-15, 2015 event. The hydrographs for this event are generated using the Rational Method and rainfall intensities in Figure 3-2.

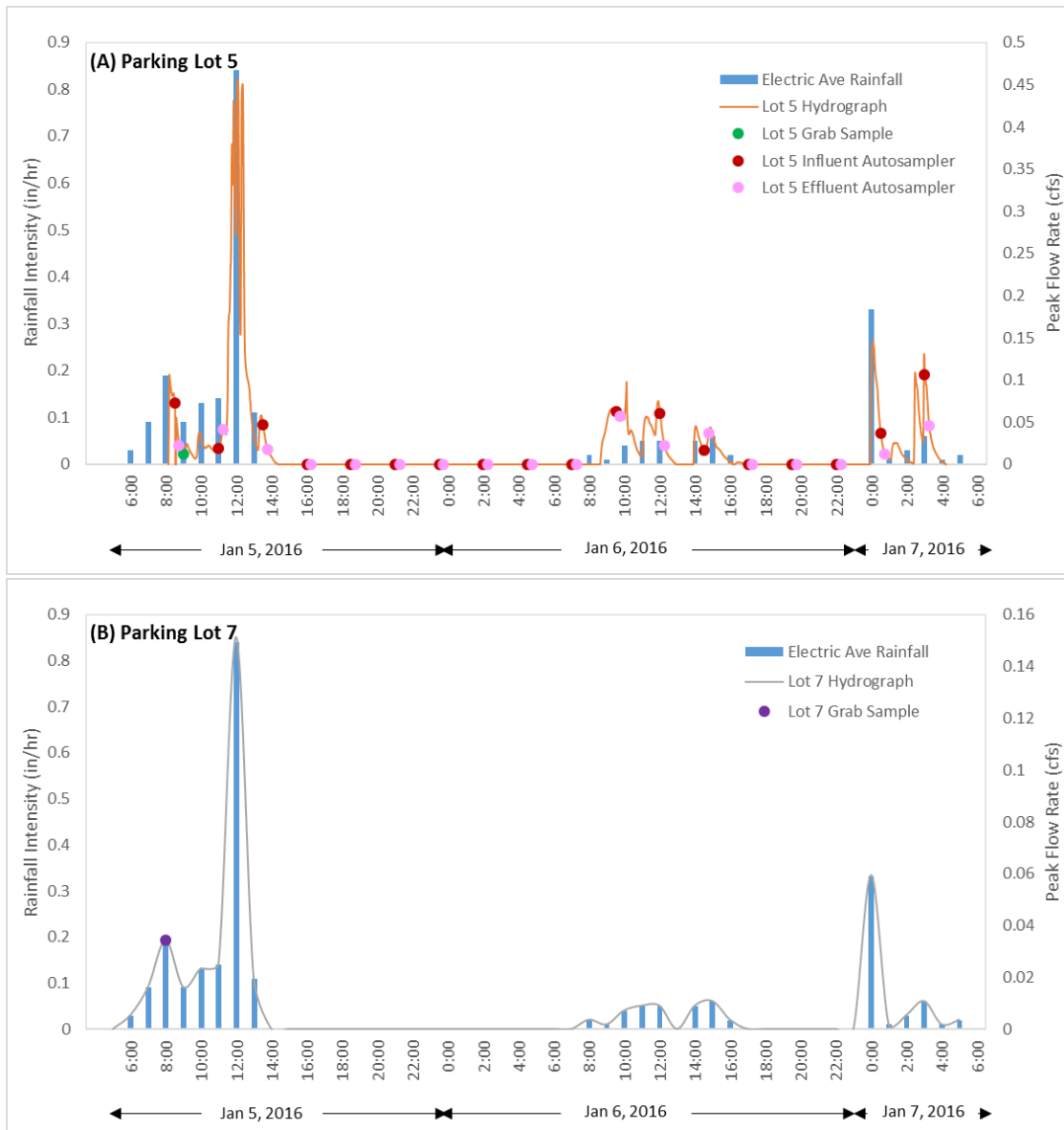


**Figure 3-2**  
**Hourly Rainfall Intensity at Electric Ave. Rain Gage on May 14 and 15, 2015 at (A) Parking Lot 5 and (B) Parking Lot 7**

## 3.3 2015-2016 Wet Season

### 3.3.1 Third Sampling Event – January 5, 2016

The rainfall totals during the January 5, 2016 sampling event was 2.38 inches of rain over 48 hours. This resulted in an estimate runoff volume of 0.07 AF and 0.038 AF at Parking Lots 5 and 7, respectively. Grab samples were collected between 8:00 AM and 9:30 AM on January 5, 2016 and delivered to the lab within the 6 hour holding time. Autosamplers were programmed to collect samples with 2.5 hour intervals beginning at 8:00 AM on January 5, 2016, and concluding on 9:00 AM on January 7, 2016. All autosampler samples were delivered to the lab on January 7, 2016. Samples were collected from all sites except Parking Lot 7 effluent (sites 7-4-E-1 and 7-4-E-2) as there was no overflow during the storm. Blank and duplicate samples were collected from Parking Lot 5 MWS No. 2 effluent. Figure 3-3 shows the rainfall hyetograph, flow hydrograph, and grab sample collection times for the January 5, 2016 event. The hydrographs for this event are generated from water level data collected by the autosamplers and the Rational Method.



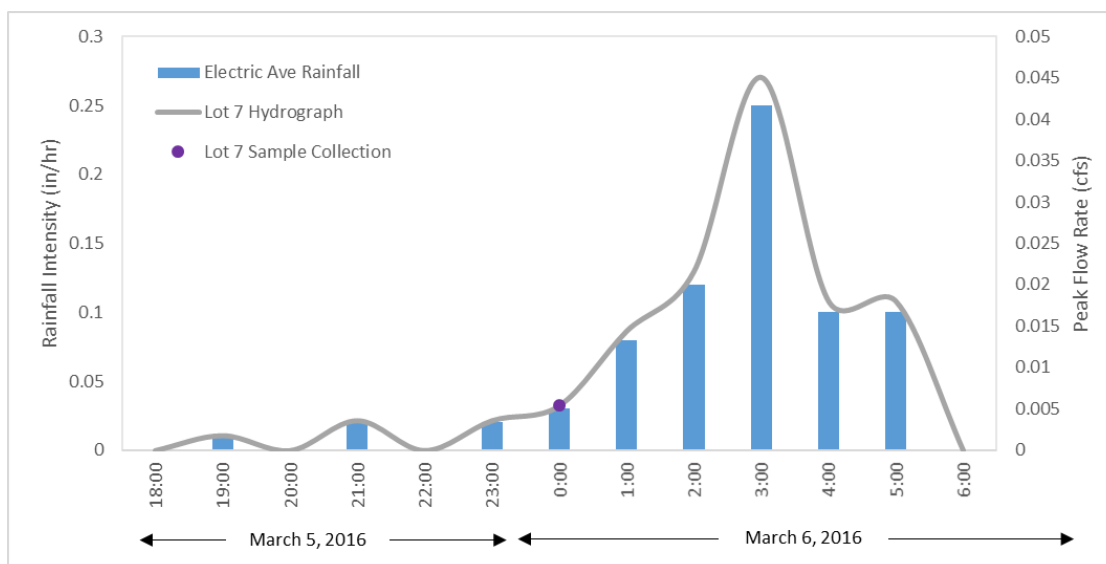
**Figure 3-3**  
**Hourly Rainfall Intensity at Electric Ave. Rain Gage on January 5 through 7, 2016 at (A) Parking Lot 5 and (B) Parking Lot 7**

**3.3.1 Fourth Sampling Event – March 5 and 11, 2016**

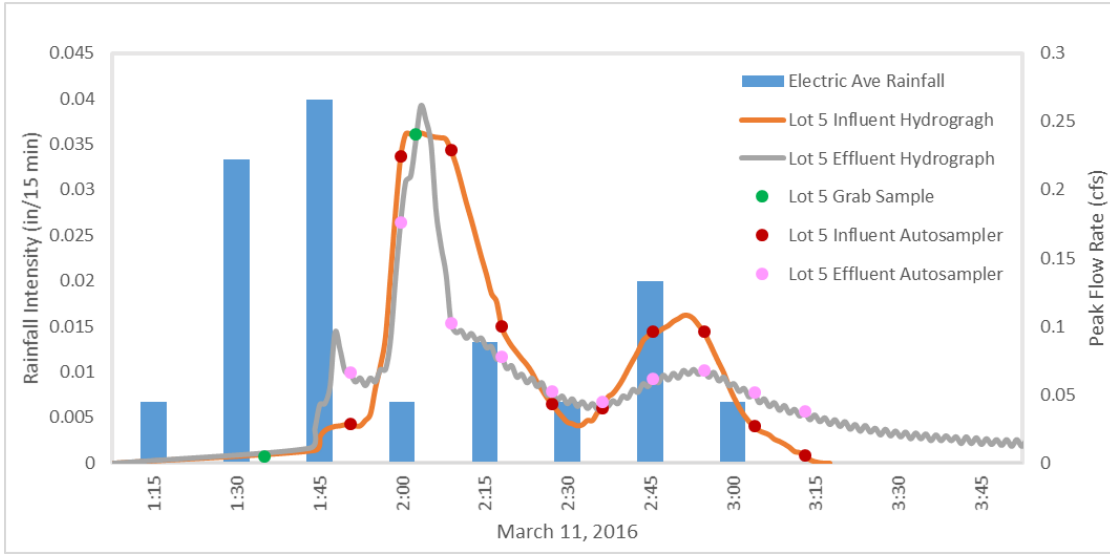
The rainfall totals during the March 5, 2016 sampling event was 1.12 inches of rain over 55.5 hours. This resulted in an estimate runoff volume of 0.033 AF and 0.018 AF at Parking Lots 5 and 7, respectively. Grab samples were collected from Parking Lot 7 between midnight and 1:00 AM on March 5, 2016, however, the low intensity of rainfall did not generate enough runoff to spill over the weirs at Parking Lot 5. As rainfall was intermittent and predictions changed, Parking Lot 5 was not sampled during this storm event. Bacteria samples from Parking Lot 7 were delivered to the Los Angeles County Toxicology Lab within the 6 hour holding time requirements. Remaining Parking Lot 7 samples were delivered to Calscience on the following business day,

January 7, 2016. Samples were from the Parking Lot 7 influent site only as no overflow was observed during the storm event. Blank and duplicate samples were also collected from the Parking Lot 7 influent site. Figure 3-4 shows the rainfall hyetograph, flow hydrograph, and grab sample collection times for the March 5, 2016 event. The hydrograph for this event is generated using the Rational Method and rainfall intensities in Figure 3-4.

Sampling for Parking Lot 5 was rescheduled for March 11, 2016. The rainfall totals during the March 11, 2016 sampling event was 0.40 inches over 2 hours. This resulted in an estimate runoff volume of 0.012 AF at Parking Lot 5. Grab samples were collected between 1:00 PM and 2:00 PM. Autosamplers were programmed to collect samples with 10 minute intervals beginning shortly after 1:00 PM and concluding shortly after 4:00 PM. All Parking Lot 5 samples were delivered to the lab within holding time requirements. Figure 3-5 shows the rainfall hyetograph, flow hydrograph, and grab sample collection times for the March 11, 2016 event. The hydrograph for this event is generated from water level data collected by the autosamplers and the Rational Method.



**Figure 3-4**  
Hourly Rainfall Intensity at Electric Ave. Rain Gage on March 5 and 6, 2016 at Parking Lot 7



**Figure 3-5**  
**Hourly Rainfall Intensity at Electric Ave. Rain Gage on March 11, 2016 at Parking Lot 5**

## Section 4

### Results and Discussion

Tabular summaries of water quality results for all constituents and samples are presented in Appendix A. This section presents summary results for three pollutant groups evaluated: bacteria, metals, and other toxics. The objective of the post-BMP construction monitoring at Parking Lots 5 and 7 was to evaluate the effectiveness of the BMPs installed at each site. Reductions achieved from the BMPs are estimated based on influent and effluent pollutant loads.

#### 4.1 First Phase Post-Construction Water Quality Data

Results for bacteria, metals, and other parameters that include total suspended solids (TSS), petroleum-related organics (TPH and GRO), and hardness are presented in tabular format with selected parameters displayed in two graphical formats.

##### 4.1.1 Bacteria

Bacteria levels observed during the 2014-2016 sampling events are summarized in Table 4-1 along with the following observations:

- *E.coli*
  - Five out of the seven influent samples from Lots 5 and 7 and all four effluent samples from Lot 5 have low *E.coli* concentrations (less than 15 MPN/100 mL).
- Enterococci
  - Concentrations in Lot 5 and 7 influent and effluent samples ranged from 34 to 11,600 MPN/100 ml.
  - Eight of the ten samples collected from Lots 5 and 7 exceeded the TMDL single sample numeric target of 104 MPN/100 ml.
  - Although samples exceeded the TMDL numeric target, it is important to note that while the TMDL includes Enterococcus targets, Enterococcus is a bacterial indicator in marine water and not for freshwater.
- Fecal Coliform
  - Concentrations in Lot 5 and 7 influent and effluent samples ranged from less than 2 to 800 MPN/100 ml.
  - Three of the ten samples collected from Lots 5 and 7 exceeded the TMDL single sample numeric target of 400 MPN/100 ml.
- Total Coliform

- Concentrations in Lot 5 and 7 influent and effluent samples ranged from 50 to 3,550 MPN/100 ml.
- No sample exceeded the TMDL single sample numeric target of 10,000 MPN/100 ml. However, five samples have a fecal to total coliform ratio that exceeds 0.1 with two of these samples exceeding the TMDL single sample numeric target of 1,000 MPN/100 ml.

**Table 4-1 Bacteria Concentrations Observed During Each Storm Event (MPN/100 ml)**

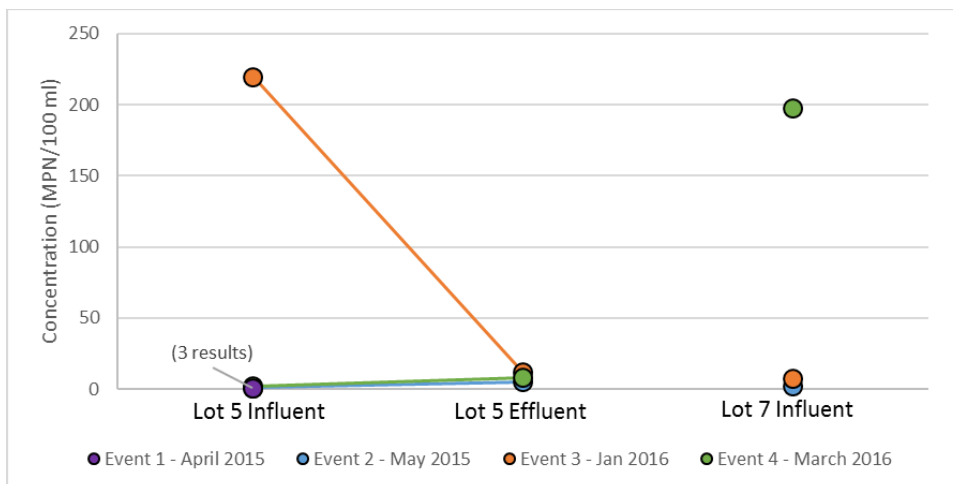
Constituent	Event	Lot 5 Influent	Lot 5 Effluent	Lot 7 Influent
<i>E.coli</i>	April 2015	BDL	NS	NS
	May 2015	BDL	5	2
	Jan 2016	220	12	7
	March 2016	2	8	197
Enterococci	April 2015	55	NS	NS
	May 2015	500	1,800	130
	Jan 2016	34	265	130
	March 2016	500	8,000	11,600
Fecal Coliform	April 2015	80	NS	NS
	May 2015	BDL	20	4
	Jan 2016	800	540	80
	March 2016	2	30	715
Total Coliform	April 2015	140 <sup>1</sup>	NS	NS
	May 2015	50	165 <sup>1</sup>	50
	Jan 2016	300 <sup>1</sup>	1,800 <sup>1</sup>	3,000
	March 2016	170	1,100	3,550 <sup>1</sup>

BDL – below detection limit; NS – no sample collected due to low storm intensity

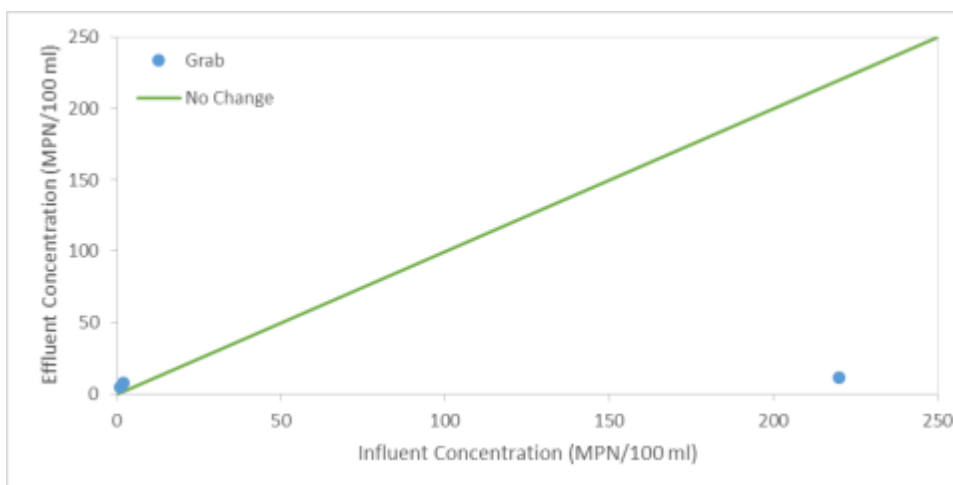
1 – Fecal to total coliform ratio exceeds 0.1

Figure 4-1 displays the distribution of *E.coli* concentrations at both Parking Lots 5 and 7 and shows that observed concentrations are generally low. Results also show that although effluent concentrations are higher than influent concentrations at Parking Lot 5, effluent concentrations are also low. Figure 4-2 plots influent and effluent concentrations against a “no change” line, where points below the line indicate effluent concentrations are lower than the influent concentrations and points above the line indicate effluent concentrations are higher than influent concentrations. The figure shows that in two events, effluent *E.coli* concentrations are greater than influent concentrations. However, in those events, both influent and effluent concentrations were less than 10 MPN/100 ml. It also shows that in the one event where the influent concentration is higher (220 MPN/100 ml), the effluent concentration is low (12 MPN/100 ml) indicating reduction through the MWS No. 2 BMP.





**Figure 4-1**  
**E. coli concentrations in influent and effluent at Parking Lots 5 and 7**



**Figure 4-2**  
**E. coli Concentrations for each sampling event at Parking Lot 5**

### 4.1.2 Metals

Table 4-2 summarizes the total and dissolved metals (copper, lead, and zinc) concentrations observed during the 2014-2016 sampling events. At Parking Lot 5, mean effluent concentrations are lower than mean influent concentrations for both total and dissolved copper and lead as well as dissolved zinc. However, the total zinc mean concentration for the effluent is higher than the mean for influent samples. Both total and dissolved zinc are present in influent and effluent at higher concentrations than total and dissolved lead and copper. Dissolved lead concentrations were low during all sampling events and below detection limit (BDL) for all but one event. Mean influent concentrations are lower at Parking Lot 7 than at Parking Lot 5 for all metals. All dissolved lead concentrations from Parking Lot 7 (influent only) were below the detection limit.

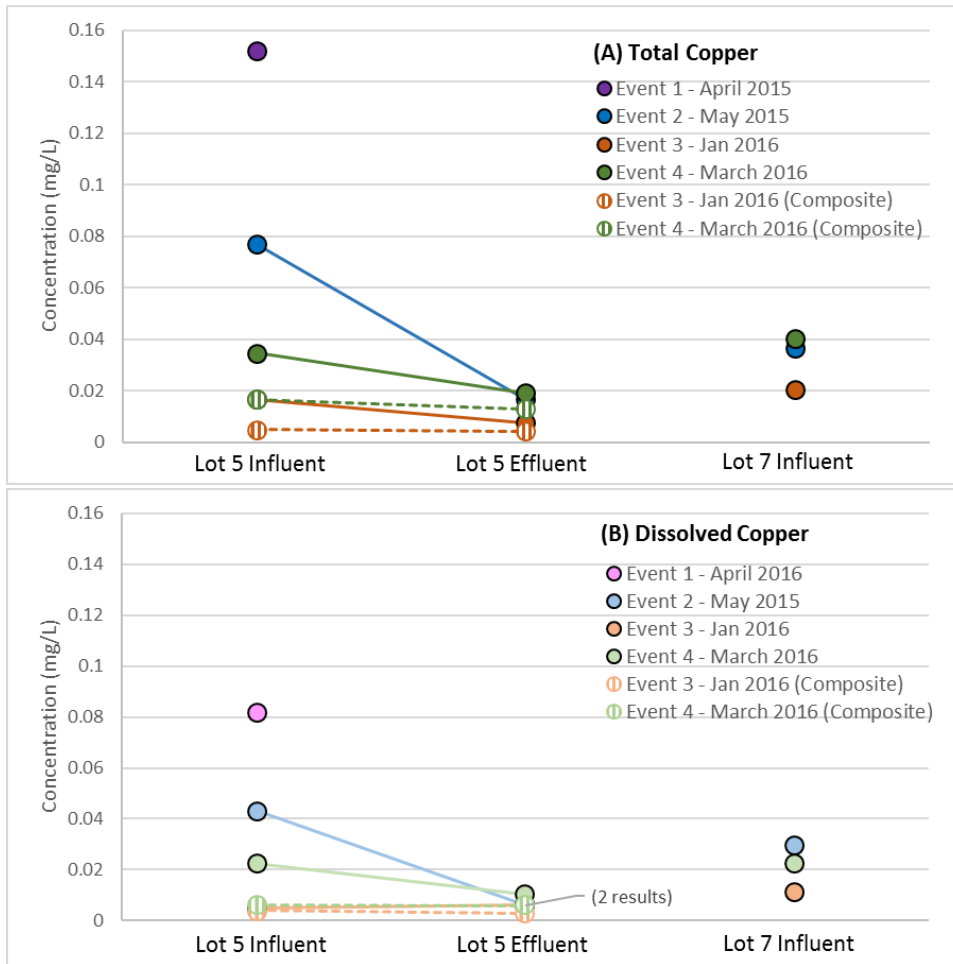
**Table 4-2 Summary of Metals Concentrations (mg/L)**

Constituent	Statistic	Composite Samples		Grab Samples		
		Lot 5 Influent	Lot 5 Effluent	Lot 5 Influent	Lot 5 Effluent	Lot 7 Influent
Sample Size		2	2	5	5	4
Total Copper (mg/L)	Mean	0.01	0.01	0.09	0.01	0.03
	Median	0.01	0.01	0.08	0.01	0.04
	Minimum	0.00	0.00	0.02	0.01	0.02
	Maximum	0.02	0.01	0.20	0.02	0.04
Total Lead (mg/L)	Mean	0.01	BDL	0.02	0.01	0.01
	Median	0.01	ND	0.02	0.01	0.01
	Minimum	0.01	BDL	0.01	0.01	0.01
	Maximum	0.01	BDL	0.04	0.01	0.01
Total Zinc (mg/L)	Mean	0.06	0.03	0.38	0.45	0.21
	Median	0.06	0.04	0.33	0.06	0.23
	Minimum	0.03	0.02	0.09	0.04	0.09
	Maximum	0.09	0.03	0.69	1.96	0.31
Dissolved Copper (mg/L)	Mean	0.01	0.00	0.05	0.01	0.02
	Median	0.67	0.00	0.04	0.01	0.02
	Minimum	0.00	0.00	0.00	0.00	0.01
	Maximum	0.01	0.01	0.09	0.01	0.03
Dissolved Lead (mg/L)	Mean	BDL	BDL	0.01	BDL	BDL
	Median	BDL	BDL	BDL	BDL	BDL
	Minimum	BDL	BDL	0.01	BDL	BDL
	Maximum	BDL	BDL	0.01	BDL	BDL
Dissolved Zinc (mg/L)	Mean	0.04	0.02	0.25	0.02	0.16
	Median	0.04	0.02	0.14	0.02	0.18
	Minimum	0.03	0.02	0.03	0.02	0.06
	Maximum	0.06	0.02	0.57	0.03	0.25

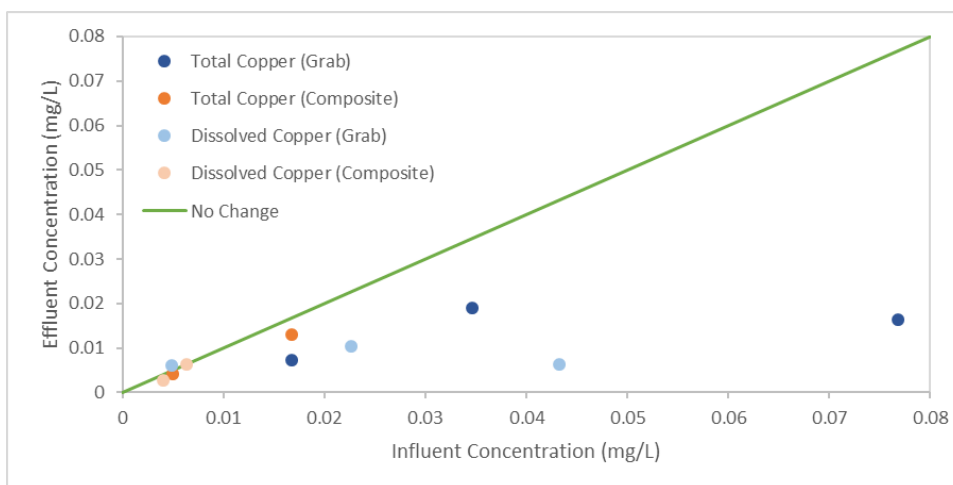
BDL - below detection limit

Duplicate samples have been included in the sample size and the calculation of average concentrations.

Total and dissolved copper concentrations observed during the storm events are shown in Figures 4-3 and 4-4. The figures indicate that Lot 5 effluent concentrations are lower than Lot 5 influent concentrations for both grab and composite samples. Concentrations from grab samples are also substantially higher than concentrations from flow-weighted composite samples, which is expected as grab samples reflect the first flush when pollutants are typically present at higher levels. The figures also show that Lot 7 influent concentrations are generally lower and more clustered than Lot 5 influent concentrations. Nearly all samples from Lot 5 for total and dissolved copper had lower effluent concentrations than influent concentrations during each sampling event.

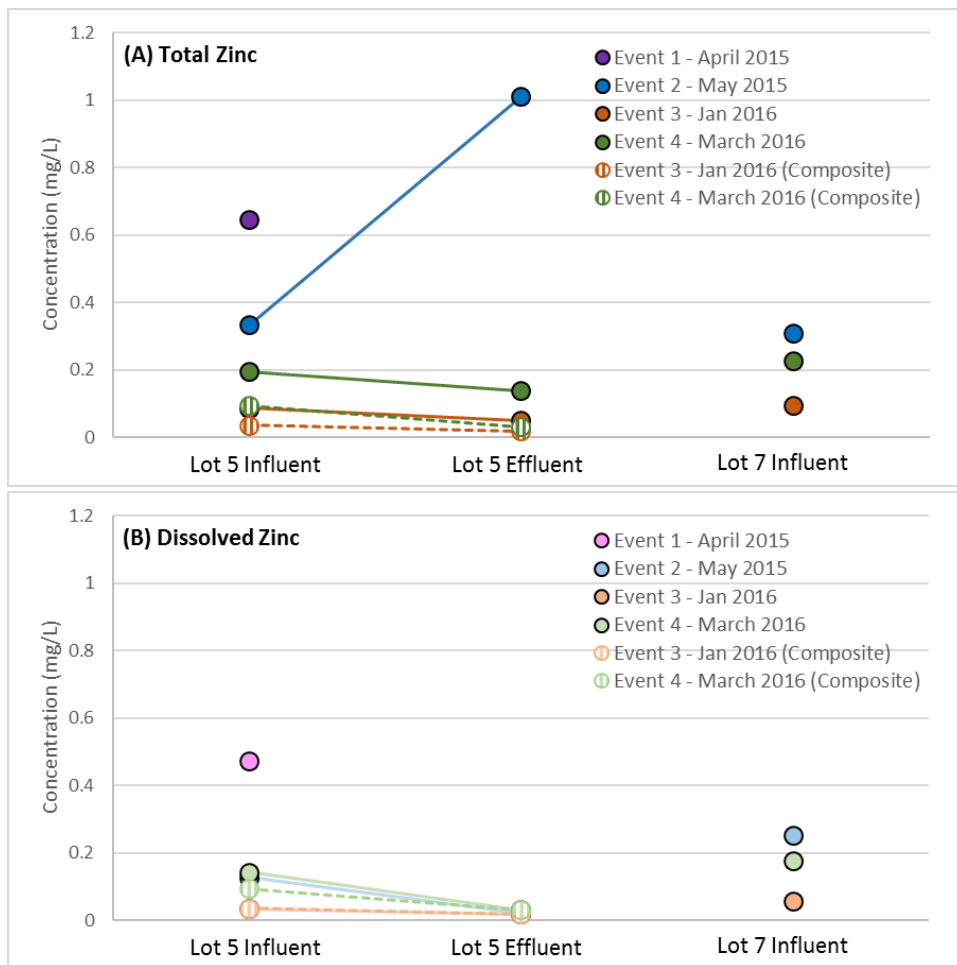


**Figure 4-3**  
Influent and effluent concentrations of (A) total copper and (B) dissolved copper at Parking Lots 5 and 7

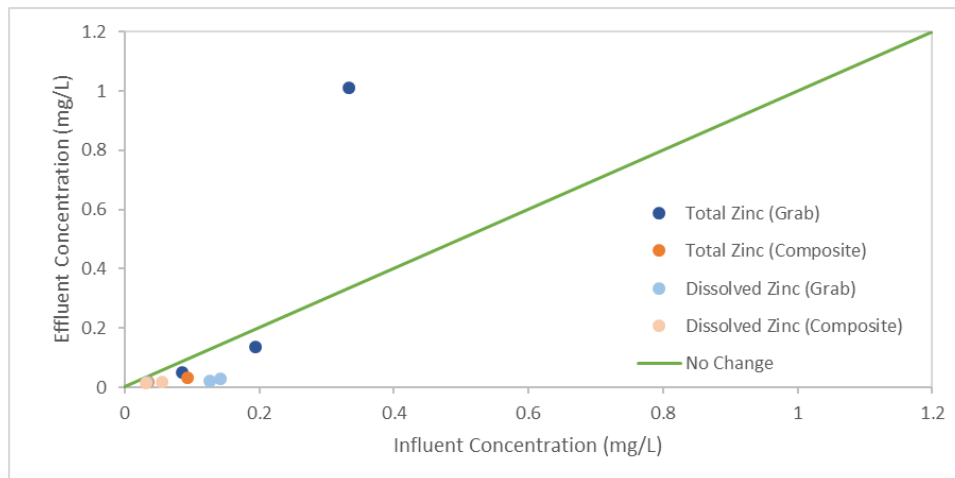


**Figure 4-4**  
Total and dissolved copper concentrations for each sampling event at Parking Lot 5

Total and dissolved zinc concentrations observed during the storm events are shown in Figures 4-5 and 4-6. The figures indicate that trends are similar to that observed in total and dissolved copper concentrations although zinc is present in higher concentrations than copper. Lot 5 effluent concentrations are lower than Lot 5 influent concentrations for both grab and composite samples except during the May 2015 storm event. Concentrations from grab samples are also substantially higher than concentrations from flow-weighted composite samples, which is expected. The figures also show that Lot 7 influent concentrations are generally lower and more clustered than Lot 5 influent concentrations. Nearly all samples from Lot 5 for total and dissolved zinc had lower effluent concentrations than influent concentrations during each sampling event.



**Figure 4-5**  
Influent and effluent concentrations of (A) total zinc and (B) dissolved zinc at Parking Lots 5 and 7



**Figure 4-6**  
**Total and dissolved zinc concentrations for each sampling event at Parking Lot 5**

#### 4.1.3 Other

Table 4-3 summarizes the petroleum-related organics (TPH and GRO), hardness, and TSS concentrations observed during the 2014-2016 sampling events. Mean effluent concentrations from Lot 5 for TPH motor oil and TPH diesel were lower than the mean influent concentrations. Mean influent concentrations from Lot 5 for TPH motor oil and TPH diesel were lower than the mean influent concentrations from Lot 7. GRO concentrations were BDL for all samples at both Parking Lots 5 and 7.

The mean total hardness level was higher in Lot 5 effluent composite samples than Lot 5 influent composite samples. However, in grab samples, the mean total hardness level was lower in Lot 5 effluent than Lot 5 influent. The mean influent hardness level from Lot 5 was higher than the mean influent hardness level from Lot 7.

The mean TSS concentration was lower in Lot 5 effluent than Lot 5 influent for both the composite and grab samples. The mean influent TSS concentration from Lot 5 was higher than the mean influent TSS concentration from Lot 7.

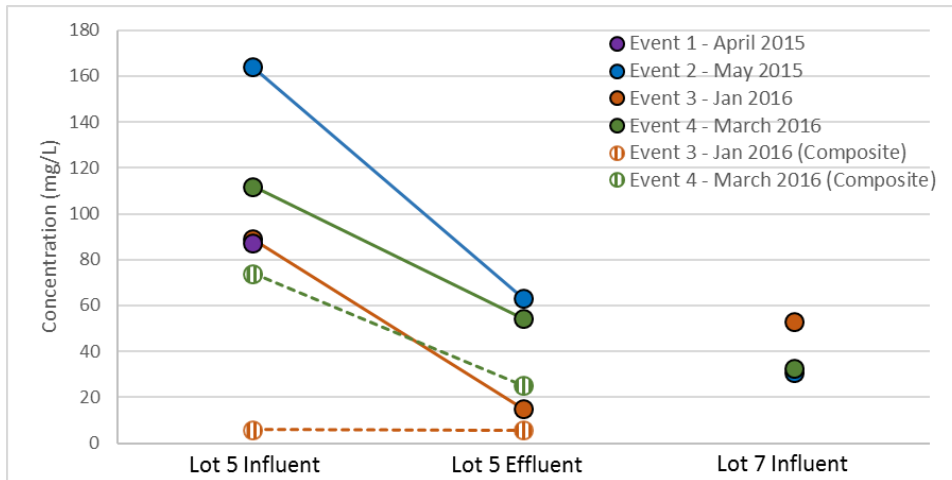
**Table 4-3 Summary of Petroleum-Related Organics, Total Hardness, and TSS data**

Constituent	Statistic	Composite Samples		Grab Samples		
		Lot 5 Influent	Lot 5 Effluent	Lot 5 Influent	Lot 5 Effluent	Lot 7 Influent
TPH as Motor Oil (µg/L)	Mean	No samples collected		1665	540	2400
	Median			1665	520	2400
	Minimum			630	410	1800
	Maximum			2700	710	3000
	Sample Size			2	4	2
TPH as Diesel (µg/L)	Mean			3142	508	1255
	Median			2400	530	1300
	Minimum			310	220	920
	Maximum			5900	870	1500
	Sample Size			5	5	4
GRO (µg/L)	Mean			BDL	BDL	BDL
	Median			BDL	BDL	BDL
	Minimum			BDL	BDL	BDL
	Maximum			BDL	BDL	BDL
	Sample Size			5	5	4
Total Hardness (mg/L)	Mean	5.5	14	47	38	28
	Median	5.5	14	50	36	27
	Minimum	1	8	6	12	8
	Maximum	10	20	80	80	50
	Sample Size	2	2	5	5	4
TSS (mg/L)	Mean	40	15	117	42	39
	Median	40	15	125	54	32
	Minimum	6	5.4	38	12	30
	Maximum	74	25	166	65	55
	Sample Size	2	2	6	5	6

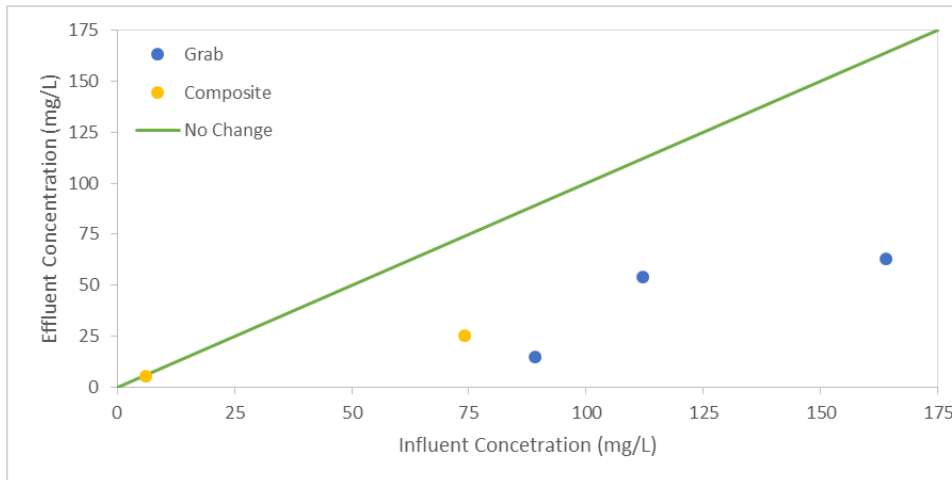
BDL - below detection limit

Duplicate samples have been included in the sample size and the calculation of average concentrations.

Figure 4-7 shows the TSS influent and effluent concentrations and indicates that Lot 5 effluent concentrations are lower than Lot 5 influent concentrations for both grab and composite samples. Concentrations from grab samples are also substantially higher than concentrations from flow-weighted composite samples, which is expected. The figures also show that Lot 7 influent concentrations are generally lower and more clustered than Lot 5 influent concentrations. The influent-effluent plot in Figure 4-8 shows all samples from Lot 5 for TSS had lower effluent concentrations than influent concentrations during each sampling event.



**Figure 4-7**  
Influent and effluent concentrations of TSS at Parking Lots 5 and 7



**Figure 4-8**  
TSS concentrations for each sampling event at Parking Lot 5

## 4.2 Effectiveness Assessment

### 4.2.1 Runoff Volume

A key component of load estimation is the runoff volume. For the 2014-2015 wet season, runoff hydrographs for both Parking Lots 5 and 7 are estimated for sampling events using the LACDPW Electric Avenue P.P rainfall gauge time series data and hydrologic estimation methods. The rational method approach, described in the LA County Hydrology Manual, is well suited to provide reasonably accurate estimates of runoff hydrographs from small mostly impervious drainage areas, such as parking lots. This method is used to convert time series rainfall data to runoff hydrographs by estimating runoff rates, as shown in Table 7.3.4 of the Hydrology Manual. The rational method employs the Equation 1 to estimate peak runoff ( $Q_p$ ) in cubic feet per second (cfs) for a given hourly rainfall intensity ( $I$ ) in inches and drainage area in acres, as follows:



$$Q_p = C \times I \times A \quad (1)$$

The runoff coefficient (C) is assumed to be 0.95 based on the high level of imperviousness at the parking lots. Using the hydrograph, the runoff volume is estimated as the area under the curve.

During the 2015-2016 wet season at Parking Lot 5, influent and effluent flows were monitored using ISCO 730 bubbler modules in conjunction with ISCO 6712 autosamplers. Water level in the pretreatment and discharge chambers were measured continuously as flow spilled over compound weirs installed in each chamber. Flow was intended to be estimated by applying standard weir equations to water level data, however, this method does not accurately estimate flow due to the submerged weir conditions in both chambers. The hydrograph is estimated using both the rational method and the water level data, with runoff volume (Table 3-1) estimated as area under the curve.

#### 4.2.2 Pollutant Loads

To assess BMP effectiveness, influent and effluent loads are estimated and compared based on water quality data collected during the first phase of post-construction monitoring. Pollutant loads are estimated based on Equation 2 for each monitoring event, using runoff volumes reported in Table 3-1 and concentrations reported by the laboratory for each sample (Appendix A), and averaged based on Equation 3.

$$\text{Pollutant Load} = \text{Runoff Volume} \times \text{Concentration} \quad (2)$$

$$\text{Average Pollutant Load} = \frac{\text{sum of Pollutant Load from each event}}{\text{total number of monitoring events}} \quad (3)$$

Table 4-4 reports the average pollutant loads observed at Parking Lots 5 and 7 during the first phase of post-construction monitoring. Percent load reductions are calculated relative to influent pollutant loads. Negative percent reductions indicate the effluent load is higher than the influent loads. Bacteria and hardness have not been included because neither are expressed as a load.

Results indicate that the biofiltration BMP at Parking Lot 5 generally reduced pollutant loads from metals by up to 53 percent. Dissolved lead showed a no change between the influent and effluent loads because all of the dissolved lead concentrations in composite samples were below the detection limit. Pollutant loads from TPH associated with cars were also reduced by over 50 percent. GRO showed an increase in effluent load but this “removal” rate does not accurately reflect removal as concentrations for all samples were below detection limit and the sample sizes for influent and effluent were different. TSS loading was reduced by nearly 50 percent.

The bioretention BMP at Parking Lot 7 captured all of the runoff during the sampling events. As a result, no overflow was observed at the monitoring sites during any sampling event and effluent pollutant load was assumed to be zero. As such, the load reduction at Parking Lot 7 is considered to be 100 percent.

**Table 4-4 Average Pollutant Loads**

Constituent	Units	Parking Lot 5			Parking Lot 7	
		Average Pollutant Load (Influent)	Average Pollutant Load (Effluent)	Percent Load Reduction	Average Pollutant Load (Influent)	Percent Load Reduction
Total Copper	mg	330	280	17%	700	100%
Total Lead	mg	270	250	8%	140	100%
Total Zinc	mg	2,170	1,030	53%	3,850	100%
Dissolved Copper	mg	220	170	23%	410	100%
Dissolved Lead <sup>1</sup>	mg	250	250	0%	130	100%
Dissolved Zinc	mg	1,740	820	53%	2,740	100%
TPH as Motor Oil <sup>2</sup>	mg	44,620	21,970	51%	52,350	100%
TPH as Diesel <sup>2</sup>	mg	29,990	13,280	56%	27,230	100%
GRO <sup>1,2</sup>	mg	750	950	-25%	630	100%
TSS	mg	792,240	412,580	48%	1,128,600	100%

Note: For calculation purposes, samples that were reported as BDL were quantified as half of the method detection limit.

<sup>1</sup> For dissolved lead and GRO, influent load is based on data from 4 events, 3 of which were BDL, and effluent load is based on data from 3 events, all BDL, so percent load reduction is not accurately reflected.

<sup>2</sup> Pollutant loads are based on grab samples only.

Pollutant loading rates are estimated using influent data at each parking lot as load per unit area (Table 4-5). Loading rates are higher for Lot 7 than Lot 5 for a majority of the parameters. Loading rates were generally the same order of magnitude between the two lots.

**Table 4-5 Pollutant Loading Rates**

Constituent	Units	Influent Pollutant Loading Rates	
		Lot 5 <sup>1</sup>	Lot 7 <sup>2</sup>
Total Copper	mg/acre	2,120	3,480
Total Lead	mg/acre	880	720
Total Zinc	mg/acre	10,570	19,230
Dissolved Copper	mg/acre	1,050	2,070
Dissolved Lead <sup>3</sup>	mg/acre	510	630
Dissolved Zinc	mg/acre	6,060	13,690
TPH as Motor Oil <sup>4</sup>	mg/acre	120,600	261,740
TPH as Diesel <sup>4</sup>	mg/acre	81,050	136,160
GRO <sup>3,4</sup>	mg/acre	1,054,980	3,150
TSS	mg/acre	6,132,720	5,643,000

<sup>1</sup> Parking Lot 5 loading rate is based on a monitored drainage area of approximately 0.37 acres and composite samples unless otherwise indicated by the table notes.

<sup>2</sup> Parking Lot 7 loading rate is based on a monitored drainage area of approximately 0.2 acres and grab samples only.

<sup>3</sup> For dissolved lead and GRO, influent load is based on data from 4 events, 3 of which were BDL, and effluent load is based on data from 3 events, all BDL, so loading rate is not accurately reflected.

<sup>4</sup> Pollutant loading rates for Lot 5 influent are based on grab samples only.

## Section 5

### Findings

The following are findings based of the analysis of results from the first phase of post-construction monitoring:

- While present in the all of the samples, Parking Lot 5 and Parking Lot 7 do not appear to be a substantial source of bacteria at the selected monitoring locations, particularly *E. coli*, based on the relatively low concentrations.
- While present in the all of the samples, Parking Lot 5 and Parking Lot 7 do not appear to be a substantial source of metals, including copper, based on the relatively low concentrations.
- While present in the all of the samples, Parking Lot 5 and Parking Lot 7 do not appear to be a substantial source of TPH, based on the relatively low concentrations, and GRO, where all samples were below the detection limit.
- TSS was present in all the samples, but at relatively low concentrations.
- Comparison of influent and effluent data indicated the MWS Linear biofiltration BMP installed at Parking Lot 5 provided treatment for *E. coli*, metals, TPH, and TSS. This device reduced loads by up to 60%.
- The bioretention BMP installed at Parking Lot 7 captured all the influent volume during each of the monitored events and produced no effluent. This device at Parking Lot 7 generated 100 percent load reductions.

# Appendix A

## Water Quality Data

ATTACHMENT 8.2 - EXHIBIT D

Uninc. County

FIELD SAMPLE ID	FIELD SAMPLE TYPE	EVENT ID	SITE ID	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME	SAMPLE TYPE	SAMPLE SOURCE	SAMPLE MATRIX	SAMPLING AGENCY	CAS NUMBER	CONSTITUENT	NUMERICAL QUALIFIER	REPORTED VALUE	OVERALL QUALIFIER	REPORTING LIMIT	RL UNITS	METHOD DETECTION LIMIT	MDL UNITS
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		70		20	mg/L	9.9	mg/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith		Solids, Total Suspended		137		1	mg/L	0.829	mg/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		5700	HD	51	ug/L	8.1	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		79			%REC		%REC
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		76			%REC		%REC
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.2		0.01	mg/L	0.00267	mg/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.0288		0.01	mg/L	0.00406	mg/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.685		0.01	mg/L	0.00352	mg/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.0732		0.01	mg/L	0.00267	mg/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		0.0064	J	0.01	mg/L	0.00406	mg/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.376		0.01	mg/L	0.00352	mg/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	67-64-1	Acetone		48		20	ug/L	10	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	71-43-2	Benzene		ND		0.5	ug/L	0.14	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	108-86-1	Bromobenzene		ND		1	ug/L	0.3	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	74-97-5	Bromochloromethane		ND		1	ug/L	0.48	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	75-27-4	Bromodichloromethane		ND		1	ug/L	0.21	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	75-25-2	Bromoform		ND		1	ug/L	0.5	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	74-83-9	Bromomethane		ND		10	ug/L	3.9	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	78-93-3	2-Butanone		5.8	J	10	ug/L	2.2	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	104-51-8	n-Butylbenzene		ND		1	ug/L	0.23	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	135-98-8	sec-Butylbenzene		ND		1	ug/L	0.25	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	98-06-6	tert-Butylbenzene		ND		1	ug/L	0.28	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	75-15-0	Carbon Disulfide		ND		10	ug/L	0.41	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	56-23-5	Carbon Tetrachloride		ND		0.5	ug/L	0.23	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	108-90-7	Chlorobenzene		ND		1	ug/L	0.17	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	75-00-3	Chloroethane		ND		5	ug/L	2.3	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	67-66-3	Chloroform		ND		1	ug/L	0.46	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	74-87-3	Chloromethane		ND		10	ug/L	1.8	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	95-49-8	2-Chlorotoluene		ND		1	ug/L	0.24	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	106-43-4	4-Chlorotoluene		ND		1	ug/L	0.13	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	124-48-1	Dibromochloromethane		ND		1	ug/L	0.25	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	96-12-8	1,2-Dibromo-3-Chloropropane		ND		5	ug/L	1.2	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	106-93-4	1,2-Dibromoethane		ND		1	ug/L	0.36	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	74-95-3	Dibromomethane		ND		1	ug/L	0.46	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	95-50-1	1,2-Dichlorobenzene		ND		1	ug/L	0.46	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	541-73-1	1,3-Dichlorobenzene		ND		1	ug/L	0.4	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	106-46-7	1,4-Dichlorobenzene		ND		1	ug/L	0.43	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	75-71-8	Dichlorodifluoromethane		ND		1	ug/L	0.46	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	75-34-3	1,1-Dichloroethane		ND		1	ug/L	0.28	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	107-06-2	1,2-Dichloroethane		ND		0.5	ug/L	0.24	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	75-35-4	1,1-Dichloroethene		ND		1	ug/L	0.43	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	156-59-2	c-1,2-Dichloroethene		ND		1	ug/L	0.48	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	156-60-5	t-1,2-Dichloroethene		ND		1	ug/L	0.37	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	78-87-5	1,2-Dichloropropane		ND		1	ug/L	0.42	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	142-28-9	1,3-Dichloropropane		ND		1	ug/L	0.3	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	594-20-7	2,2-Dichloropropane		ND		1	ug/L	0.36	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	563-58-6	1,1-Dichloropropene		ND		1	ug/L	0.46	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	10061-01-5	c-1,3-Dichloropropene		ND		0.5	ug/L	0.25	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	10061-02-6	t-1,3-Dichloropropene		ND		0.5	ug/L	0.25	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	100-41-4	Ethylbenzene		ND		1	ug/L	0.14	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	591-78-6	2-Hexanone		ND		10	ug/L	2.1	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	98-82-8	Isopropylbenzene		ND		1	ug/L	0.58	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	99-87-6	p-Isopropyltoluene		ND		1	ug/L	0.16	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	75-09-2	Methylene Chloride		ND		10	ug/L	0.64	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	108-10-1	4-Methyl-2-Pentanone		ND		10	ug/L	4.4	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	91-20-3	Naphthalene		ND		10	ug/L	2.5	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	103-65-1	n-Propylbenzene		ND		1	ug/L	0.17	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	100-42-5	Styrene		ND		1	ug/L	0.17	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	630-20-6	1,1,1,2-Tetrachloroethane		ND		1	ug/L	0.4	ug/L

ATTACHMENT 8.2 - EXHIBIT D

Uninc. County

FIELD SAMPLE ID	FIELD SAMPLE TYPE	EVENT ID	SITE ID	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME	SAMPLE TYPE	SAMPLE SOURCE	SAMPLE MATRIX	SAMPLING AGENCY	CAS NUMBER	CONSTITUENT	NUMERICAL QUALIFIER	REPORTED VALUE	OVERALL QUALIFIER	REPORTING LIMIT	RL UNITS	METHOD DETECTION LIMIT	MDL UNITS
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	79-34-5	1,1,2,2-Tetrachloroethane		ND		1	ug/L	0.41	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	127-18-4	Tetrachloroethene		ND		1	ug/L	0.39	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	108-88-3	Toluene		ND		1	ug/L	0.24	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	87-61-6	1,2,3-Trichlorobenzene		ND		1	ug/L	0.51	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	120-82-1	1,2,4-Trichlorobenzene		ND		1	ug/L	0.5	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	71-55-6	1,1,1-Trichloroethane		ND		1	ug/L	0.3	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ND		10	ug/L	0.78	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	79-00-5	1,1,2-Trichloroethane		ND		1	ug/L	0.38	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	79-01-6	Trichloroethene		ND		1	ug/L	0.37	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	75-69-4	Trichlorofluoromethane		ND		10	ug/L	1.7	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	96-18-4	1,2,3-Trichloropropane		ND		5	ug/L	0.64	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	95-63-6	1,2,4-Trimethylbenzene		ND		1	ug/L	0.36	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	108-67-8	1,3,5-Trimethylbenzene		ND		1	ug/L	0.28	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	108-05-4	Vinyl Acetate		ND		10	ug/L	2.8	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	75-01-4	Vinyl Chloride		ND		0.5	ug/L	0.3	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	179601-23-1	p/m-Xylene		ND		1	ug/L	0.3	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	95-47-6	o-Xylene		ND		1	ug/L	0.23	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith	1634-04-4	Methyl-t-Butyl Ether (MTBE)		ND		1	ug/L	0.31	ug/L
5-2-1	grab	20150407	5-2-1	04/07/2015		04/07/2015		G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		91			%REC		%REC
5-2-1	grab	20150407	5-2-1	04/07/2015		04/07/2015		G	Storm	Water	CDM Smith	1868-53-7	Dibromofluoromethane		108			%REC		%REC
5-2-1	grab	20150407	5-2-1	04/07/2015		04/07/2015		G	Storm	Water	CDM Smith	17060-07-0	1,2-Dichloroethane-d4		108			%REC		%REC
5-2-1	grab	20150407	5-2-1	04/07/2015		04/07/2015		G	Storm	Water	CDM Smith	2037-26-5	Toluene-d8		99			%REC		%REC
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith		Gasoline Range Organics		86		50	%REC	37.84	%REC
5-2-1	grab	20150407	5-2-1	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith		Gasoline Range Organics		87		50	%REC	37.84	%REC
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		80		20	mg/L	9.9	mg/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith		Solids, Total Suspended		38		1	mg/L	0.83	mg/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		5900	HD	50	ug/L	8	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	630-02-4	n-Octacosane		82			%REC		%REC
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		79			%REC		%REC
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.104		0.01	mg/L	0.00267	mg/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.0178		0.01	mg/L	0.00406	mg/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.605		0.01	mg/L	0.00352	mg/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.091		0.01	mg/L	0.00267	mg/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		0.00863	J	0.01	mg/L	0.00406	mg/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.57		0.01	mg/L	0.00352	mg/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	67-64-1	Acetone		51		20	ug/L	10	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	71-43-2	Benzene		ND		0.5	ug/L	0.14	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	108-86-1	Bromobenzene		ND		1	ug/L	0.3	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	74-97-5	Bromochloromethane		ND		1	ug/L	0.48	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	75-27-4	Bromodichloromethane		ND		1	ug/L	0.21	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	75-25-2	Bromoforn		ND		1	ug/L	0.5	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	74-83-9	Bromomethane		ND		10	ug/L	3.9	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	78-93-3	2-Butanone		7.4	J	10	ug/L	2.2	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	104-51-8	n-Butylbenzene		ND		1	ug/L	0.23	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	135-98-8	sec-Butylbenzene		ND		1	ug/L	0.25	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	98-06-6	tert-Butylbenzene		ND		1	ug/L	0.28	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	75-15-0	Carbon Disulfide		ND		10	ug/L	0.41	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	56-23-5	Carbon Tetrachloride		ND		0.5	ug/L	0.23	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	108-90-7	Chlorobenzene		ND		1	ug/L	0.17	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	75-00-3	Chloroethane		ND		5	ug/L	2.3	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	67-66-3	Chloroform		ND		1	ug/L	0.46	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	74-87-3	Chloromethane		ND		10	ug/L	1.8	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	95-49-8	2-Chlorotoluene		ND		1	ug/L	0.24	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	106-43-4	4-Chlorotoluene		ND		1	ug/L	0.13	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	124-48-1	Dibromochloromethane		ND		1	ug/L	0.25	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	96-12-8	1,2-Dibromo-3-Chloropropane		ND		5	ug/L	1.2	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	106-93-4	1,2-Dibromoethane		ND		1	ug/L	0.36	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	74-95-3	Dibromomethane		ND		1	ug/L	0.46	ug/L
5-2-1-Dup	grab	20150407	5-2-1	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	95-50-1	1,2-Dichlorobenzene		ND		1	ug/L	0.46	ug/L

ATTACHMENT 8.2 - EXHIBIT D

Uninc. County

FIELD SAMPLE ID	FIELD SAMPLE TYPE	EVENT ID	SITE ID	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME	SAMPLE TYPE	SAMPLE SOURCE	SAMPLE MATRIX	SAMPLING AGENCY	CAS NUMBER	CONSTITUENT	NUMERICAL QUALIFIER	REPORTED VALUE	OVERALL QUALIFIER	REPORTING LIMIT	RL UNITS	METHOD DETECTION LIMIT	MDL UNITS
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	541-73-1	1,3-Dichlorobenzene		ND		1	ug/L	0.4	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	106-46-7	1,4-Dichlorobenzene		ND		1	ug/L	0.43	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	75-71-8	Dichlorodifluoromethane		ND		1	ug/L	0.46	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	75-34-3	1,1-Dichloroethane		ND		1	ug/L	0.28	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	107-06-2	1,2-Dichloroethane		ND		0.5	ug/L	0.24	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	75-35-4	1,1-Dichloroethene		ND		1	ug/L	0.43	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	156-59-2	c-1,2-Dichloroethene		ND		1	ug/L	0.48	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	156-60-5	t-1,2-Dichloroethene		ND		1	ug/L	0.37	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	78-87-5	1,2-Dichloropropane		ND		1	ug/L	0.42	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	142-28-9	1,3-Dichloropropane		ND		1	ug/L	0.3	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	594-20-7	2,2-Dichloropropane		ND		1	ug/L	0.36	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	563-58-6	1,1-Dichloropropene		ND		1	ug/L	0.46	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	10061-01-5	c-1,3-Dichloropropene		ND		0.5	ug/L	0.25	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	10061-02-6	t-1,3-Dichloropropene		ND		0.5	ug/L	0.25	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	100-41-4	Ethylbenzene		ND		1	ug/L	0.14	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	591-78-6	2-Hexanone		ND		10	ug/L	2.1	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	98-82-8	Isopropylbenzene		ND		1	ug/L	0.58	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	99-87-6	p-Isopropyltoluene		ND		1	ug/L	0.16	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	75-09-2	Methylene Chloride		ND		10	ug/L	0.64	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	108-10-1	4-Methyl-2-Pentanone		ND		10	ug/L	4.4	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	91-20-3	Naphthalene		ND		10	ug/L	2.5	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	103-65-1	n-Propylbenzene		ND		1	ug/L	0.17	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	100-42-5	Styrene		ND		1	ug/L	0.17	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	630-20-6	1,1,1,2-Tetrachloroethane		ND		1	ug/L	0.4	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	79-34-5	1,1,2,2-Tetrachloroethane		ND		1	ug/L	0.41	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	127-18-4	Tetrachloroethene		ND		1	ug/L	0.39	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	108-88-3	Toluene		ND		1	ug/L	0.24	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	87-61-6	1,2,3-Trichlorobenzene		ND		1	ug/L	0.51	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	120-82-1	1,2,4-Trichlorobenzene		ND		1	ug/L	0.5	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	71-55-6	1,1,1-Trichloroethane		ND		1	ug/L	0.3	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ND		10	ug/L	0.78	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	79-00-5	1,1,2-Trichloroethane		ND		1	ug/L	0.38	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	79-01-6	Trichloroethene		ND		1	ug/L	0.37	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	75-69-4	Trichlorofluoromethane		ND		10	ug/L	1.7	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	96-18-4	1,2,3-Trichloropropane		ND		5	ug/L	0.64	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	95-63-6	1,2,4-Trimethylbenzene		ND		1	ug/L	0.36	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	108-67-8	1,3,5-Trimethylbenzene		ND		1	ug/L	0.28	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	108-05-4	Vinyl Acetate		ND		10	ug/L	2.8	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	75-01-4	Vinyl Chloride		ND		0.5	ug/L	0.3	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	179601-23-1	p/m-Xylene		ND		1	ug/L	0.3	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	95-47-6	o-Xylene		ND		1	ug/L	0.23	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith	1634-04-4	Methyl-t-Butyl Ether (MTBE)		ND		1	ug/L	0.31	ug/L
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015		04/07/2015		R2	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		91			%REC		%REC
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015		04/07/2015		R2	Storm	Water	CDM Smith	1868-53-7	Dibromofluoromethane		105			%REC		%REC
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015		04/07/2015		R2	Storm	Water	CDM Smith	17060-07-0	1,2-Dichloroethane-d4		106			%REC		%REC
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015		04/07/2015		R2	Storm	Water	CDM Smith	2037-26-5	Toluene-d8		99			%REC		%REC
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		ND		2	mg/L	0.99	mg/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith		Solids, Total Suspended		ND		1	mg/L	0.83	mg/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		ND	HD	50	ug/L	8	ug/L
Blank	grab	20150407	n/a	04/07/2015		04/07/2015		B1	Storm	Water	CDM Smith	630-02-4	n-Octacosane		96			%REC		%REC
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
Blank	grab	20150407	n/a	04/07/2015		04/07/2015		B1	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		80			%REC		%REC
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	7440-50-8	Total Copper		ND		0.01	mg/L	0.00267	mg/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	7439-92-1	Total Lead		ND		0.01	mg/L	0.00406	mg/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	7440-66-6	Total Zinc		ND		0.01	mg/L	0.00352	mg/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		ND		0.01	mg/L	0.00267	mg/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		ND		0.01	mg/L	0.00352	mg/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	67-64-1	Acetone		ND		20	ug/L	10	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	71-43-2	Benzene		ND		0.5	ug/L	0.14	ug/L



ATTACHMENT 8.2 - EXHIBIT D

Uninc. County

FIELD SAMPLE ID	FIELD SAMPLE TYPE	EVENT ID	SITE ID	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME	SAMPLE TYPE	SAMPLE SOURCE	SAMPLE MATRIX	SAMPLING AGENCY	CAS NUMBER	CONSTITUENT	NUMERICAL QUALIFIER	REPORTED VALUE	OVERALL QUALIFIER	REPORTING LIMIT	RL UNITS	METHOD DETECTION LIMIT	MDL UNITS
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	108-86-1	Bromobenzene		ND		1	ug/L	0.3	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	74-97-5	Bromochloromethane		ND		1	ug/L	0.48	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	75-27-4	Bromodichloromethane		ND		1	ug/L	0.21	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	75-25-2	Bromoform		ND		1	ug/L	0.5	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	74-83-9	Bromomethane		ND		10	ug/L	3.9	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	78-93-3	2-Butanone		ND		10	ug/L	2.2	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	104-51-8	n-Butylbenzene		ND		1	ug/L	0.23	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	135-98-8	sec-Butylbenzene		ND		1	ug/L	0.25	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	98-06-6	tert-Butylbenzene		ND		1	ug/L	0.28	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	75-15-0	Carbon Disulfide		ND		10	ug/L	0.41	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	56-23-5	Carbon Tetrachloride		ND		0.5	ug/L	0.23	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	108-90-7	Chlorobenzene		ND		1	ug/L	0.17	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	75-00-3	Chloroethane		ND		5	ug/L	2.3	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	67-66-3	Chloroform		ND		1	ug/L	0.46	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	74-87-3	Chloromethane		ND		10	ug/L	1.8	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	95-49-8	2-Chlorotoluene		ND		1	ug/L	0.24	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	106-43-4	4-Chlorotoluene		ND		1	ug/L	0.13	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	124-48-1	Dibromochloromethane		ND		1	ug/L	0.25	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	96-12-8	1,2-Dibromo-3-Chloropropane		ND		5	ug/L	1.2	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	106-93-4	1,2-Dibromoethane		ND		1	ug/L	0.36	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	74-95-3	Dibromomethane		ND		1	ug/L	0.46	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	95-50-1	1,2-Dichlorobenzene		ND		1	ug/L	0.46	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	541-73-1	1,3-Dichlorobenzene		ND		1	ug/L	0.4	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	106-46-7	1,4-Dichlorobenzene		ND		1	ug/L	0.43	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	75-71-8	Dichlorodifluoromethane		ND		1	ug/L	0.46	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	75-34-3	1,1-Dichloroethane		ND		1	ug/L	0.28	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	107-06-2	1,2-Dichloroethane		ND		0.5	ug/L	0.24	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	75-35-4	1,1-Dichloroethene		ND		1	ug/L	0.43	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	156-59-2	c-1,2-Dichloroethene		ND		1	ug/L	0.48	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	156-60-5	t-1,2-Dichloroethene		ND		1	ug/L	0.37	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	78-87-5	1,2-Dichloropropane		ND		1	ug/L	0.42	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	142-28-9	1,3-Dichloropropane		ND		1	ug/L	0.3	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	594-20-7	2,2-Dichloropropane		ND		1	ug/L	0.36	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	563-58-6	1,1-Dichloropropene		ND		1	ug/L	0.46	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	10061-01-5	c-1,3-Dichloropropene		ND		0.5	ug/L	0.25	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	10061-02-6	t-1,3-Dichloropropene		ND		0.5	ug/L	0.25	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	100-41-4	Ethylbenzene		ND		1	ug/L	0.14	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	591-78-6	2-Hexanone		ND		10	ug/L	2.1	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	98-82-8	Isopropylbenzene		ND		1	ug/L	0.58	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	99-87-6	p-Isopropyltoluene		ND		1	ug/L	0.16	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	75-09-2	Methylene Chloride		ND		10	ug/L	0.64	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	108-10-1	4-Methyl-2-Pentanone		ND		10	ug/L	4.4	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	91-20-3	Naphthalene		ND		10	ug/L	2.5	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	103-65-1	n-Propylbenzene		ND		1	ug/L	0.17	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	100-42-5	Styrene		ND		1	ug/L	0.17	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	630-20-6	1,1,1,2-Tetrachloroethane		ND		1	ug/L	0.4	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	79-34-5	1,1,2,2-Tetrachloroethane		ND		1	ug/L	0.41	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	127-18-4	Tetrachloroethene		ND		1	ug/L	0.39	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	108-88-3	Toluene		ND		1	ug/L	0.24	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	87-61-6	1,2,3-Trichlorobenzene		ND		1	ug/L	0.51	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	120-82-1	1,2,4-Trichlorobenzene		ND		1	ug/L	0.5	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	71-55-6	1,1,1-Trichloroethane		ND		1	ug/L	0.3	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ND		10	ug/L	0.78	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	79-00-5	1,1,2-Trichloroethane		ND		1	ug/L	0.38	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	79-01-6	Trichloroethene		ND		1	ug/L	0.37	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	75-69-4	Trichlorofluoromethane		ND		10	ug/L	1.7	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	96-18-4	1,2,3-Trichloropropane		ND		5	ug/L	0.64	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	95-63-6	1,2,4-Trimethylbenzene		ND		1	ug/L	0.36	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	108-67-8	1,3,5-Trimethylbenzene		ND		1	ug/L	0.28	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	108-05-4	Vinyl Acetate		ND		10	ug/L	2.8	ug/L

ATTACHMENT 8.2 - EXHIBIT D

Uninc. County

FIELD SAMPLE ID	FIELD SAMPLE TYPE	EVENT ID	SITE ID	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME	SAMPLE TYPE	SAMPLE SOURCE	SAMPLE MATRIX	SAMPLING AGENCY	CAS NUMBER	CONSTITUENT	NUMERICAL QUALIFIER	REPORTED VALUE	OVERALL QUALIFIER	REPORTING LIMIT	RL UNITS	METHOD DETECTION LIMIT	MDL UNITS
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	75-01-4	Vinyl Chloride		ND		0.5	ug/L	0.3	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	179601-23-1	p/m-Xylene		ND		1	ug/L	0.3	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	95-47-6	o-Xylene		ND		1	ug/L	0.23	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	1634-04-4	Methyl-t-Butyl Ether (MTBE)		ND		1	ug/L	0.31	ug/L
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		94			%REC		%REC
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	1868-53-7	Dibromofluoromethane		103			%REC		%REC
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	17060-07-0	1,2-Dichloroethane-d4		104			%REC		%REC
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith	2037-26-5	Toluene-d8		99			%REC		%REC
5-2-I	grab	20150407	5-2-I	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith		Total Coliforms		170			MPN/100 ml		
5-2-I	grab	20150407	5-2-I	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith		E.coli	<	2	<		MPN/100 ml		
5-2-I	grab	20150407	5-2-I	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith		Enterococci		30			MPN/100 ml		
5-2-I	grab	20150407	5-2-I	04/07/2015	16:50	04/07/2015		G	Storm	Water	CDM Smith		Fecal Coliforms		110			MPN/100 ml		
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith		Total Coliforms	<	2	<		MPN/100 ml		
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith		E.coli	<	2	<		MPN/100 ml		
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith		Enterococci	<	2	<		MPN/100 ml		
Blank	grab	20150407	n/a	04/07/2015	17:10	04/07/2015		B1	Storm	Water	CDM Smith		Fecal Coliforms	<	2	<		MPN/100 ml		
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith		Total Coliforms		110			MPN/100 ml		
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith		E.coli	<	2	<		MPN/100 ml		
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith		Enterococci		80			MPN/100 ml		
5-2-I-Dup	grab	20150407	5-2-I	04/07/2015	17:00	04/07/2015		R2	Storm	Water	CDM Smith		Fecal Coliforms		50			MPN/100 ml		
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		50		4	mg/L	2	mg/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith		Solids, Total Suspended		162		1	mg/L	0.829	mg/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith		TPH as Motor Oil		2700	HD	2500	ug/L	530	ug/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		94			%REC		%REC
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		2400	HD	500	ug/L	80	ug/L
5-2-I	grab	20150514	5-2-I	05/14/2015		05/14/2015		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		94			%REC		%REC
5-2-I	grab	20150514	5-2-I	05/14/2015		05/14/2015		G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		69			%REC		%REC
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.0768		0.01	mg/L	0.00267	mg/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.0351		0.01	mg/L	0.00406	mg/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.333		0.01	mg/L	0.00352	mg/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.0432		0.01	mg/L	0.00267	mg/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.127		0.01	mg/L	0.00352	mg/L
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		80		4	mg/L	2	mg/L
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith		Solids, Total Suspended		65		1	mg/L	0.83	mg/L
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith		TPH as Motor Oil		710	HD,J	1200	ug/L	270	ug/L
5-2-E	grab	20150514	5-2-E	05/14/2015		05/14/2015		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		79			%REC		%REC
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		690	HD	250	ug/L	40	ug/L
5-2-E	grab	20150514	5-2-E	05/14/2015		05/14/2015		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		79			%REC		%REC
5-2-E	grab	20150514	5-2-E	05/14/2015		05/14/2015		G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		76			%REC		%REC
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.0192		0.01	mg/L	0.00267	mg/L
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.0127		0.01	mg/L	0.00406	mg/L
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith	7440-66-6	Total Zinc		1.96		0.01	mg/L	0.00352	mg/L
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.00816	J	0.01	mg/L	0.00267	mg/L
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.0255		0.01	mg/L	0.00352	mg/L
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		50		4	mg/L	2	mg/L
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith		Solids, Total Suspended		61		1	mg/L	0.83	mg/L
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith		TPH as Motor Oil		630	HD,J	1200	ug/L	270	ug/L
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015		05/14/2015		R2	Storm	Water	CDM Smith	630-02-4	n-Octacosane		85			%REC		%REC
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		530	HD	250	ug/L	40	ug/L
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015		05/14/2015		R2	Storm	Water	CDM Smith	630-02-4	n-Octacosane		85			%REC		%REC
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015		05/14/2015		R2	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		72			%REC		%REC
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.0135		0.01	mg/L	0.00267	mg/L
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.0107		0.01	mg/L	0.00406	mg/L
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.0598		0.01	mg/L	0.00352	mg/L
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.00444	J	0.01	mg/L	0.00267	mg/L

ATTACHMENT 8.2 - EXHIBIT D

Uninc. County

FIELD SAMPLE ID	FIELD SAMPLE TYPE	EVENT ID	SITE ID	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME	SAMPLE TYPE	SAMPLE SOURCE	SAMPLE MATRIX	SAMPLING AGENCY	CAS NUMBER	CONSTITUENT	NUMERICAL QUALIFIER	REPORTED VALUE	OVERALL QUALIFIER	REPORTING LIMIT	RL UNITS	METHOD DETECTION LIMIT	MDL UNITS
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.0153		0.01	mg/L	0.00352	mg/L
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		ND		2	mg/L	0.99	mg/L
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith		Solids, Total Suspended		ND		1	mg/L	0.83	mg/L
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith		TPH as Motor Oil		ND		250	ug/L	53	ug/L
Blank	grab	20150514	n/a	05/14/2015		05/14/2015		B1	Storm	Water	CDM Smith	630-02-4	n-Octacosane		86		%REC		%REC	
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		ND		50	ug/L	8	ug/L
Blank	grab	20150514	n/a	05/14/2015		05/14/2015		B1	Storm	Water	CDM Smith	630-02-4	n-Octacosane		86		%REC		%REC	
Blank	grab	20150514	n/a	05/14/2015		05/14/2015		B1	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		79		%REC		%REC	
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith	7440-50-8	Total Copper		ND		0.01	mg/L	0.00267	mg/L
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith	7439-92-1	Total Lead		ND		0.01	mg/L	0.00406	mg/L
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith	7440-66-6	Total Zinc		ND		0.01	mg/L	0.00352	mg/L
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		ND		0.01	mg/L	0.00267	mg/L
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
Blank	grab	20150514	n/a	05/14/2015	14:40	05/14/2015		B1	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		ND		0.01	mg/L	0.00352	mg/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith		Solids, Total Suspended		166		1	mg/L	0.8287	mg/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		50		4	mg/L	2	mg/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith		Solids, Total Suspended		31		1	mg/L	0.83	mg/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith		TPH as Motor Oil		3000	HD	1200	ug/L	270	ug/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		96		%REC		%REC	
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		1500	HD	250	ug/L	40	ug/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		96		%REC		%REC	
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		71		%REC		%REC	
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.0364		0.01	mg/L	0.00267	mg/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith	7439-92-1	Total Lead		ND		0.01	mg/L	0.00406	mg/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.31		0.01	mg/L	0.00352	mg/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.0299		0.01	mg/L	0.00267	mg/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.253		0.01	mg/L	0.00352	mg/L
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith		Total Coliforms		50			MPN/100 ml		
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith		E.coli	<	2	<		MPN/100 ml		
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith		Enterococci		500			MPN/100 ml		
5-2-I	grab	20150514	5-2-I	05/14/2015	13:45	05/14/2015		G	Storm	Water	CDM Smith		Fecal Coliforms	<	2	<		MPN/100 ml		
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith		Total Coliforms		110			MPN/100 ml		
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith		E.coli		2			MPN/100 ml		
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith		Enterococci		2300			MPN/100 ml		
5-2-E	grab	20150514	5-2-E	05/14/2015	14:20	05/14/2015		G	Storm	Water	CDM Smith		Fecal Coliforms		23			MPN/100 ml		
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith		Total Coliforms		220			MPN/100 ml		
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith		E.coli		8			MPN/100 ml		
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith		Enterococci		1300			MPN/100 ml		
5-2-E-Dup	grab	20150514	5-2-E	05/14/2015	14:35	05/14/2015		R2	Storm	Water	CDM Smith		Fecal Coliforms		17			MPN/100 ml		
Blank	grab	20150514	n/a	05/14/2015	14:35	05/14/2015		B1	Storm	Water	CDM Smith		Total Coliforms	<	2	<		MPN/100 ml		
Blank	grab	20150514	n/a	05/14/2015	14:35	05/14/2015		B1	Storm	Water	CDM Smith		E.coli	<	2	<		MPN/100 ml		
Blank	grab	20150514	n/a	05/14/2015	14:35	05/14/2015		B1	Storm	Water	CDM Smith		Enterococci	<	2	<		MPN/100 ml		
Blank	grab	20150514	n/a	05/14/2015	14:35	05/14/2015		B1	Storm	Water	CDM Smith		Fecal Coliforms	<	2	<		MPN/100 ml		
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith		Total Coliforms		50			MPN/100 ml		
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith		E.coli		2			MPN/100 ml		
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith		Enterococci		130			MPN/100 ml		
7-4-I	grab	20150515	7-4-I	05/15/2015	8:10	05/15/2015	9:00	G	Storm	Water	CDM Smith		Fecal Coliforms		4			MPN/100 ml		
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		6		2	mg/L	0.99	mg/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith		Solids, Total Suspended		89		1	mg/L	0.83	mg/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith		TPH as Motor Oil		630	HD	250	ug/L	52	ug/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		95		%REC		%REC	
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		310	HD	49	ug/L	7.8	ug/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		95		%REC		%REC	
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		71		%REC		%REC	
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.0167		0.01	mg/L	0.00267	mg/L

ATTACHMENT 8.2 - EXHIBIT D

Uninc. County

FIELD SAMPLE ID	FIELD SAMPLE TYPE	EVENT ID	SITE ID	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME	SAMPLE TYPE	SAMPLE SOURCE	SAMPLE MATRIX	SAMPLING AGENCY	CAS NUMBER	CONSTITUENT	NUMERICAL QUALIFIER	REPORTED VALUE	OVERALL QUALIFIER	REPORTING LIMIT	RL UNITS	METHOD DETECTION LIMIT	MDL UNITS
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.00703	J	0.01	mg/L	0.00406	mg/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.0852		0.01	mg/L	0.00352	mg/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.00488	J	0.01	mg/L	0.00267	mg/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.0333		0.01	mg/L	0.00352	mg/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		87		50	%REC	37.84	%REC
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		83		50	%REC	37.84	%REC
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		12		2	mg/L	0.99	mg/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith		Solids, Total Suspended		18		1	mg/L	0.83	mg/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith		TPH as Motor Oil		410	HD	250	ug/L	53	ug/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		90			%REC		%REC
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		220	HD	50	ug/L	8	ug/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		90			%REC		%REC
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		70			%REC		%REC
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.00741	J	0.01	mg/L	0.00267	mg/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7439-92-1	Total Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.0363		0.01	mg/L	0.00352	mg/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.00485	J	0.01	mg/L	0.00267	mg/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.0178		0.01	mg/L	0.00352	mg/L
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		113		0.01	%REC	0.002665	%REC
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		117		0.01	%REC	0.00406	%REC
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		116		0.01	%REC	0.003521	%REC
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		108		0.01	%REC	0.002665	%REC
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		109		0.01	%REC	0.00406	%REC
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		111		0.01	%REC	0.003521	%REC
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		13		2	mg/L	0.99	mg/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith		Solids, Total Suspended		12		1	mg/L	0.83	mg/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith		TPH as Motor Oil		410	HD	250	ug/L	53	ug/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	630-02-4	n-Octacosane		85			%REC		%REC
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		230	HD	50	ug/L	8	ug/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	630-02-4	n-Octacosane		85			%REC		%REC
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		65			%REC		%REC
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.00739	J	0.01	mg/L	0.00267	mg/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7439-92-1	Total Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.0616		0.01	mg/L	0.00352	mg/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.00736	J	0.01	mg/L	0.00267	mg/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.0164		0.01	mg/L	0.00352	mg/L
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7440-50-8	Total Copper		105		0.01	%REC	0.002665	%REC
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7439-92-1	Total Lead		110		0.01	%REC	0.00406	%REC
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7440-66-6	Total Zinc		101		0.01	%REC	0.003521	%REC
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7440-50-8	Total Copper		102		0.01	%REC	0.002665	%REC
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7439-92-1	Total Lead		106		0.01	%REC	0.00406	%REC
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		R2	Storm	Water	CDM Smith	7440-66-6	Total Zinc		101		0.01	%REC	0.003521	%REC
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		8		2	mg/L	0.99	mg/L
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith		Solids, Total Suspended		51		1	mg/L	0.83	mg/L
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith		TPH as Motor Oil		1800	HD	250	ug/L	53	ug/L
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		82			%REC		%REC
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		920	HD	50	ug/L	8	ug/L
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		82			%REC		%REC
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		66			%REC		%REC
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.0204		0.01	mg/L	0.00267	mg/L
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.00527	J	0.01	mg/L	0.00406	mg/L
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.0946		0.01	mg/L	0.00352	mg/L
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.0115		0.01	mg/L	0.00267	mg/L
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L

ATTACHMENT 8.2 - EXHIBIT D

Uninc. County

FIELD SAMPLE ID	FIELD SAMPLE TYPE	EVENT ID	SITE ID	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME	SAMPLE TYPE	SAMPLE SOURCE	SAMPLE MATRIX	SAMPLING AGENCY	CAS NUMBER	CONSTITUENT	NUMERICAL QUALIFIER	REPORTED VALUE	OVERALL QUALIFIER	REPORTING LIMIT	RL UNITS	METHOD DETECTION LIMIT	MDL UNITS
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.0559		0.01	mg/L	0.00352	mg/L
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith		Solids, Total Suspended		54.8		1	mg/L	0.8287	mg/L
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		B1	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		ND		2	mg/L	0.99	mg/L
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		B1	Storm	Water	CDM Smith		Solids, Total Suspended		ND		1	mg/L	0.83	mg/L
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		B1	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		B1	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		69		%REC		%REC	
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		B1	Storm	Water	CDM Smith	7440-50-8	Total Copper		ND		0.01	mg/L	0.00267	mg/L
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		B1	Storm	Water	CDM Smith	7439-92-1	Total Lead		ND		0.01	mg/L	0.00406	mg/L
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		B1	Storm	Water	CDM Smith	7440-66-6	Total Zinc		ND		0.01	mg/L	0.00352	mg/L
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		B1	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		ND		0.01	mg/L	0.00267	mg/L
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		B1	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		B1	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		ND		0.01	mg/L	0.00352	mg/L
5-2-I	composite	20160105	5-2-I	01/05/2016	9:01	01/07/2016	11:00	FWC	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		ND		2	mg/L	0.99	mg/L
5-2-I	composite	20160105	5-2-I	01/05/2016	9:01	01/07/2016	11:00	FWC	Storm	Water	CDM Smith		Solids, Total Suspended		6		1	mg/L	0.83	mg/L
5-2-I	composite	20160105	5-2-I	01/05/2016	9:01	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.00492	J	0.01	mg/L	0.00267	mg/L
5-2-I	composite	20160105	5-2-I	01/05/2016	9:01	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7439-92-1	Total Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-I	composite	20160105	5-2-I	01/05/2016	9:01	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.0348	B	0.01	mg/L	0.00352	mg/L
5-2-I	composite	20160105	5-2-I	01/05/2016	9:01	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.00401	J	0.01	mg/L	0.00267	mg/L
5-2-I	composite	20160105	5-2-I	01/05/2016	9:01	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-I	composite	20160105	5-2-I	01/05/2016	9:01	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.0311		0.01	mg/L	0.00352	mg/L
5-2-E	composite	20160105	5-2-E	01/05/2016	9:04	01/07/2016	11:00	FWC	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		8		2	mg/L	0.99	mg/L
5-2-E	composite	20160105	5-2-E	01/05/2016	9:04	01/07/2016	11:00	FWC	Storm	Water	CDM Smith		Solids, Total Suspended		5.4		1	mg/L	0.83	mg/L
5-2-E	composite	20160105	5-2-E	01/05/2016	9:04	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.00424	J	0.01	mg/L	0.00267	mg/L
5-2-E	composite	20160105	5-2-E	01/05/2016	9:04	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7439-92-1	Total Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E	composite	20160105	5-2-E	01/05/2016	9:04	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.0187	B	0.01	mg/L	0.00352	mg/L
5-2-E	composite	20160105	5-2-E	01/05/2016	9:04	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.00282	J	0.01	mg/L	0.00267	mg/L
5-2-E	composite	20160105	5-2-E	01/05/2016	9:04	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E	composite	20160105	5-2-E	01/05/2016	9:04	01/07/2016	11:00	FWC	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.0161		0.01	mg/L	0.00352	mg/L
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith		Coliforms		300			MPN/100 ml		
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith		E.coli		220			MPN/100 ml		
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith		Enterococci		34			MPN/100 ml		
5-2-I-G	grab	20160105	5-2-I	01/05/2016	8:50	01/05/2016		G	Storm	Water	CDM Smith		Fecal Coliforms		800			MPN/100 ml		
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith		Coliforms		1300			MPN/100 ml		
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith		E.coli		9.1			MPN/100 ml		
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith		Enterococci		300			MPN/100 ml		
5-2-E-G	grab	20160105	5-2-E	01/05/2016	9:15	01/05/2016		G	Storm	Water	CDM Smith		Fecal Coliforms		800			MPN/100 ml		
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		G	Storm	Water	CDM Smith		Coliforms		2300			MPN/100 ml		
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		G	Storm	Water	CDM Smith		E.coli		14			MPN/100 ml		
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		G	Storm	Water	CDM Smith		Enterococci		230			MPN/100 ml		
5-2-E-G-D	grab	20160105	5-2-E	01/05/2016	9:35	01/05/2016		G	Storm	Water	CDM Smith		Fecal Coliforms		280			MPN/100 ml		
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith		Coliforms		3000			MPN/100 ml		
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith		E.coli		7			MPN/100 ml		
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith		Enterococci		130			MPN/100 ml		
7-4-I	grab	20160105	7-4-I	01/05/2016	8:28	01/05/2016		G	Storm	Water	CDM Smith		Fecal Coliforms		80			MPN/100 ml		
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		G	Storm	Water	CDM Smith		Coliforms	<	2	<		MPN/100 ml		
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		G	Storm	Water	CDM Smith		E.coli	<	2	<		MPN/100 ml		
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		G	Storm	Water	CDM Smith		Enterococci	<	2	<		MPN/100 ml		
Blank	grab	20160105	n/a	01/05/2016	8:15	01/05/2016		G	Storm	Water	CDM Smith		Fecal Coliforms	<	2	<		MPN/100 ml		
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		27		2	mg/L	0.99	mg/L
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith		Solids, Total Suspended		30		1	mg/L	0.83	mg/L
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		1100	HD	240	ug/L	38	ug/L
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		98			%REC		%REC
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		68		%REC		%REC	
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.0392		0.01	mg/L	0.00267	mg/L
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.00844	J	0.01	mg/L	0.00406	mg/L
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.215		0.01	mg/L	0.00352	mg/L
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.0229		0.01	mg/L	0.00267	mg/L
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.176		0.01	mg/L	0.00352	mg/L

ATTACHMENT 8.2 - EXHIBIT D

Uninc. County

FIELD SAMPLE ID	FIELD SAMPLE TYPE	EVENT ID	SITE ID	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME	SAMPLE TYPE	SAMPLE SOURCE	SAMPLE MATRIX	SAMPLING AGENCY	CAS NUMBER	CONSTITUENT	NUMERICAL QUALIFIER	REPORTED VALUE	OVERALL QUALIFIER	REPORTING LIMIT	RL UNITS	METHOD DETECTION LIMIT	MDL UNITS
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith		Solids, Total Suspended		31.5		1	mg/L		mg/L
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		85		50	%REC		%REC
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		85		50	%REC		%REC
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith		Total Coliforms		1700		18	MPN/100 ml	18	
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith		E.coli		193.5		1	MPN/100 ml	1	
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith		Enterococci		14000		18	MPN/100 ml	18	
7-4-I	grab	20160306	7-4-I	03/06/2016	0:15	03/06/2016		G	Storm	Water	CDM Smith		Fecal Coliforms		330		18	MPN/100 ml	18	
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		26		2	mg/L	0.99	mg/L
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith		Solids, Total Suspended		36		1	mg/L	0.83	mg/L
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		1500	HD	240	ug/L	38	ug/L
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith	630-02-4	n-Octacosane		110			%REC		%REC
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		68			%REC		%REC
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.0415		0.01	mg/L	0.00267	mg/L
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.0056	J	0.01	mg/L	0.00406	mg/L
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.239		0.01	mg/L	0.00352	mg/L
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.0225		0.01	mg/L	0.00267	mg/L
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.175		0.01	mg/L	0.00352	mg/L
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith		Total Coliforms		5400		18	MPN/100 ml	18	
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith		E.coli		201		1	MPN/100 ml	1	
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith		Enterococci		9200		18	MPN/100 ml	18	
7-4-I-Dup	grab	20160306	7-4-I	03/06/2016	0:26	03/06/2016		R2	Storm	Water	CDM Smith		Fecal Coliforms		1100		18	MPN/100 ml	18	
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		28		2	mg/L	0.99	mg/L
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith		Solids, Total Suspended		112		1	mg/L	0.829	mg/L
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		1400	HD	47	ug/L	7.5	ug/L
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		80			%REC		%REC
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		66			%REC		%REC
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.0346		0.01	mg/L	0.00267	mg/L
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.0115		0.01	mg/L	0.00406	mg/L
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.194	B	0.01	mg/L	0.00352	mg/L
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.0226		0.01	mg/L	0.00267	mg/L
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.142		0.01	mg/L	0.00352	mg/L
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		84		50	%REC		%REC
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		82		50	%REC		%REC
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith		Total Coliforms		170			MPN/100 ml		
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith		E.coli		2			MPN/100 ml		
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith		Enterococci		500			MPN/100 ml		
5-2-I-G	grab	20160311	5-2-I	03/11/2016	13:40	03/11/2016		G	Storm	Water	CDM Smith		Fecal Coliforms		2			MPN/100 ml		
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		36		2	mg/L	0.99	mg/L
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith		Solids, Total Suspended		54		1	mg/L	0.829	mg/L
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		870	HD	47	ug/L	7.5	ug/L
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith	630-02-4	n-Octacosane		86			%REC		%REC
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50	ug/L	38	ug/L
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		63			%REC		%REC
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.019		0.01	mg/L	0.00267	mg/L
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.00512	J	0.01	mg/L	0.00406	mg/L
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.136	B	0.01	mg/L	0.00352	mg/L
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.0103		0.01	mg/L	0.00267	mg/L
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.0292		0.01	mg/L	0.00352	mg/L
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith		Total Coliforms		1100			MPN/100 ml		
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith		E.coli		8			MPN/100 ml		
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith		Enterococci		8000			MPN/100 ml		
5-2-E-G	grab	20160311	5-2-E	03/11/2016	14:00	03/11/2016		G	Storm	Water	CDM Smith		Fecal Coliforms		30			MPN/100 ml		
5-2-I	composite	20160311	5-2-I	03/11/2016	13:27	03/11/2016	16:07	FWC	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		10		2	mg/L	0.99	mg/L
5-2-I	composite	20160311	5-2-I	03/11/2016	13:27	03/11/2016	16:07	FWC	Storm	Water	CDM Smith		Solids, Total Suspended		74		1	mg/L	0.829	mg/L
5-2-I	composite	20160311	5-2-I	03/11/2016	13:27	03/11/2016	16:07	FWC	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.0167		0.01	mg/L	0.00267	mg/L



ATTACHMENT 8.2 - EXHIBIT D

Uninc. County

FIELD SAMPLE ID	FIELD SAMPLE TYPE	EVENT ID	SITE ID	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME	SAMPLE TYPE	SAMPLE SOURCE	SAMPLE MATRIX	SAMPLING AGENCY	CAS NUMBER	CONSTITUENT	NUMERICAL QUALIFIER	REPORTED VALUE	OVERALL QUALIFIER	REPORTING LIMIT	RL UNITS	METHOD DETECTION LIMIT	MDL UNITS
5-2-I	composite	20160311	5-2-I	03/11/2016	13:27	03/11/2016	16:07	FWC	Storm	Water	CDM Smith	7439-92-1	Total Lead		0.00811	J	0.01	mg/L	0.00406	mg/L
5-2-I	composite	20160311	5-2-I	03/11/2016	13:27	03/11/2016	16:07	FWC	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.0937		0.01	mg/L	0.00352	mg/L
5-2-I	composite	20160311	5-2-I	03/11/2016	13:27	03/11/2016	16:07	FWC	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.00636	J	0.01	mg/L	0.00267	mg/L
5-2-I	composite	20160311	5-2-I	03/11/2016	13:27	03/11/2016	16:07	FWC	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-I	composite	20160311	5-2-I	03/11/2016	13:27	03/11/2016	16:07	FWC	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.0553		0.01	mg/L	0.00352	mg/L
5-2-E	composite	20160311	5-2-E	03/11/2016	13:26	03/11/2016	16:06	FWC	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		20		2	mg/L	0.99	mg/L
5-2-E	composite	20160311	5-2-E	03/11/2016	13:26	03/11/2016	16:06	FWC	Storm	Water	CDM Smith		Solids, Total Suspended		25		1	mg/L	0.829	mg/L
5-2-E	composite	20160311	5-2-E	03/11/2016	13:26	03/11/2016	16:06	FWC	Storm	Water	CDM Smith	7440-50-8	Total Copper		0.013		0.01	mg/L	0.00267	mg/L
5-2-E	composite	20160311	5-2-E	03/11/2016	13:26	03/11/2016	16:06	FWC	Storm	Water	CDM Smith	7439-92-1	Total Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E	composite	20160311	5-2-E	03/11/2016	13:26	03/11/2016	16:06	FWC	Storm	Water	CDM Smith	7440-66-6	Total Zinc		0.0314		0.01	mg/L	0.00352	mg/L
5-2-E	composite	20160311	5-2-E	03/11/2016	13:26	03/11/2016	16:06	FWC	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		0.00635	J	0.01	mg/L	0.00267	mg/L
5-2-E	composite	20160311	5-2-E	03/11/2016	13:26	03/11/2016	16:06	FWC	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01	mg/L	0.00406	mg/L
5-2-E	composite	20160311	5-2-E	03/11/2016	13:26	03/11/2016	16:06	FWC	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		0.018		0.01	mg/L	0.00352	mg/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith		Hardness, Total (as CaCO3)		ND		2		0.99	mg/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith		Solids, Total Suspended		ND		1		0.829	mg/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith	68334-30-5	TPH as Diesel		ND		47		7.5	ug/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith	630-02-4	n-Octacosane		82					%REC
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith		Gasoline Range Organics		ND		50		38	ug/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith	460-00-4	1,4-Bromofluorobenzene		64					%REC
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith	7440-50-8	Total Copper		ND		0.01		0.00267	mg/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith	7439-92-1	Total Lead		ND		0.01		0.00406	mg/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith	7440-66-6	Total Zinc		ND		0.01		0.00352	mg/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith	7440-50-8	Dissolved Copper		ND		0.01		0.00267	mg/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith	7439-92-1	Dissolved Lead		ND		0.01		0.00406	mg/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith	7440-66-6	Dissolved Zinc		ND		0.01		0.00352	mg/L
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith		Total Coliforms		50			MPN/100 ml		
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith		E.coli	<	2			MPN/100 ml		
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith		Enterococci	<	2			MPN/100 ml		
Blank	grab	20160311	Blank	03/11/2016	14:44	03/11/2016		B1	Storm	Water	CDM Smith		Fecal Coliforms	<	2			MPN/100 ml		

Individual Form  
Reporting Year 2015 - 2016



## Appendix B

### Laboratory Reports



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**WORK ORDER NUMBER: 15-04-0490**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** CDM Smith Inc.

**Client Project Name:** Marina Del Rey Parking Lots 5 & 7

**Attention:** Tiffany Lin  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Approved for release on 04/17/2015 by:  
Stephen Nowak  
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



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# Contents

Client Project Name: Marina Del Rey Parking Lots 5 & 7  
Work Order Number: 15-04-0490

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Detections Summary. . . . .	5
4	Client Sample Data. . . . .	6
	4.1 EPA 8015B (M) TPH Diesel (Aqueous). . . . .	6
	4.2 EPA 8015B GRO (Aqueous). . . . .	7
	4.3 EPA 200.7 ICP Metals (Aqueous). . . . .	8
	4.4 EPA 200.7 ICP Metals (Aqueous). . . . .	9
	4.5 EPA 8260B Volatile Organics (Aqueous). . . . .	10
	4.6 Combined Inorganic Tests. . . . .	20
5	Quality Control Sample Data. . . . .	21
	5.1 MS/MSD. . . . .	21
	5.2 Sample Duplicate. . . . .	27
	5.3 LCS/LCSD. . . . .	29
6	Sample Analysis Summary. . . . .	36
7	Glossary of Terms and Qualifiers. . . . .	37
8	Chain-of-Custody/Sample Receipt Form. . . . .	38
9	Subcontract Narrative. . . . .	41
10	Subcontract - Coliforms 15-04-0490. . . . .	42



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**Work Order Narrative**

Work Order: 15-04-0490

Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 04/07/15. They were assigned to Work Order 15-04-0490.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.





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**Sample Summary**

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Client: CDM Smith Inc. 600 Wilshire Boulevard, Suite 750 Los Angeles, CA 90017-3255	Work Order: 15-04-0490 Project Name: Marina Del Rey Parking Lots 5 & 7 PO Number: Date/Time Received: 04/07/15 18:53 Number of Containers: 33
-------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------

Attn: Tiffany Lin

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Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
5-2-1	15-04-0490-1	04/07/15 16:50	11	Aqueous
5-2-IDUP	15-04-0490-2	04/07/15 17:00	11	Aqueous
Blank	15-04-0490-3	04/07/15 17:10	11	Aqueous

Return to Contents 



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## Detections Summary

Client: CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Work Order: 15-04-0490  
Project Name: Marina Del Rey Parking Lots 5 & 7  
Received: 04/07/15

Attn: Tiffany Lin

Page 1 of 1

Client SampleID

<u>Analyte</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>Units</u>	<u>Method</u>	<u>Extraction</u>
5-2-1 (15-04-0490-1)						
Copper	0.200		0.0100	mg/L	EPA 200.7	N/A
Lead	0.0288		0.0100	mg/L	EPA 200.7	N/A
Zinc	0.685		0.0100	mg/L	EPA 200.7	N/A
Copper	0.0732		0.0100	mg/L	EPA 200.7	Filtered
Lead	0.00640	J	0.00406*	mg/L	EPA 200.7	Filtered
Zinc	0.376		0.0100	mg/L	EPA 200.7	Filtered
TPH as Diesel	5700	HD	51	ug/L	EPA 8015B (M)	EPA 3510C
Acetone	48		20	ug/L	EPA 8260B	EPA 5030C
2-Butanone	5.8	J	2.2*	ug/L	EPA 8260B	EPA 5030C
Hardness, Total (as CaCO3)	70		20	mg/L	SM 2340C	N/A
Solids, Total Suspended	137		1.00	mg/L	SM 2540 D	N/A
5-2-IDUP (15-04-0490-2)						
Copper	0.104		0.0100	mg/L	EPA 200.7	N/A
Lead	0.0178		0.0100	mg/L	EPA 200.7	N/A
Zinc	0.605		0.0100	mg/L	EPA 200.7	N/A
Copper	0.0910		0.0100	mg/L	EPA 200.7	Filtered
Lead	0.00863	J	0.00406*	mg/L	EPA 200.7	Filtered
Zinc	0.570		0.0100	mg/L	EPA 200.7	Filtered
TPH as Diesel	5900	HD	50	ug/L	EPA 8015B (M)	EPA 3510C
Acetone	51		20	ug/L	EPA 8260B	EPA 5030C
2-Butanone	7.4	J	2.2*	ug/L	EPA 8260B	EPA 5030C
Hardness, Total (as CaCO3)	80		20	mg/L	SM 2340C	N/A
Solids, Total Suspended	38		1.0	mg/L	SM 2540 D	N/A

Subcontracted analyses, if any, are not included in this summary.

\* MDL is shown



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### Analytical Report

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	15-04-0490-1-J	04/07/15 16:50	Aqueous	GC 47	04/08/15	04/08/15 22:02	150408B03

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	5700	51	8.1	1.00	HD

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	79	68-140	

5-2-IDUP	15-04-0490-2-J	04/07/15 17:00	Aqueous	GC 47	04/08/15	04/08/15 22:20	150408B03
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	5900	50	8.0	1.00	HD

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	82	68-140	

Blank	15-04-0490-3-J	04/07/15 17:10	Aqueous	GC 47	04/08/15	04/08/15 22:38	150408B03
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	ND	50	8.0	1.00	HD

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	96	68-140	

Method Blank	099-15-304-1006	N/A	Aqueous	GC 47	04/08/15	04/08/15 19:56	150408B03
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	ND	50	8.0	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	92	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents





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### Analytical Report

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	15-04-0490-1-B	04/07/15 16:50	Aqueous	GC 56	04/09/15	04/10/15 09:26	150409L035

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Gasoline Range Organics	ND	50	38	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	76	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-IDUP	15-04-0490-2-B	04/07/15 17:00	Aqueous	GC 56	04/09/15	04/10/15 11:32	150409L035

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Gasoline Range Organics	ND	50	38	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	79	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Blank	15-04-0490-3-B	04/07/15 17:10	Aqueous	GC 56	04/09/15	04/10/15 12:03	150409L035

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Gasoline Range Organics	ND	50	38	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	80	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-022-2979	N/A	Aqueous	GC 56	04/09/15	04/09/15 18:21	150409L035

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Gasoline Range Organics	ND	50	38	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	84	38-134	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



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### Analytical Report

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	15-04-0490-1-I	04/07/15 16:50	Aqueous	ICP 7300	04/08/15	04/12/15 17:08	150408LA6

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.200	0.0100	0.00267	1.00	
Lead	0.0288	0.0100	0.00406	1.00	
Zinc	0.685	0.0100	0.00352	1.00	

5-2-IDUP	15-04-0490-2-I	04/07/15 17:00	Aqueous	ICP 7300	04/08/15	04/12/15 17:10	150408LA6
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.104	0.0100	0.00267	1.00	
Lead	0.0178	0.0100	0.00406	1.00	
Zinc	0.605	0.0100	0.00352	1.00	

Blank	15-04-0490-3-I	04/07/15 17:10	Aqueous	ICP 7300	04/08/15	04/12/15 17:11	150408LA6
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Method Blank	097-01-012-6139	N/A	Aqueous	ICP 7300	04/08/15	04/09/15 12:58	150408LA6
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



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### Analytical Report

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	15-04-0490-1-G	04/07/15 16:50	Aqueous	ICP 7300	04/08/15	04/12/15 17:13	150408LA5F

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0732	0.0100	0.00267	1.00	
Lead	0.00640	0.0100	0.00406	1.00	J
Zinc	0.376	0.0100	0.00352	1.00	

5-2-IDUP	15-04-0490-2-G	04/07/15 17:00	Aqueous	ICP 7300	04/08/15	04/12/15 17:15	150408LA5F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0910	0.0100	0.00267	1.00	
Lead	0.00863	0.0100	0.00406	1.00	J
Zinc	0.570	0.0100	0.00352	1.00	

Blank	15-04-0490-3-G	04/07/15 17:10	Aqueous	ICP 7300	04/08/15	04/12/15 17:17	150408LA5F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Method Blank	099-14-304-424	N/A	Aqueous	ICP 7300	04/08/15	04/09/15 13:02	150408LA5F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	15-04-0490-1-A	04/07/15 16:50	Aqueous	GC/MS QQ	04/11/15	04/11/15 19:27	150411L010

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	48	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	5.8	10	2.2	1.00	J
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





Calscience

## Analytical Report

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 2 of 10

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	91	80-120	
Dibromofluoromethane	108	78-126	
1,2-Dichloroethane-d4	108	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 3 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-IDUP	15-04-0490-2-A	04/07/15 17:00	Aqueous	GC/MS QQ	04/11/15	04/11/15 19:54	150411L010

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	51	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	7.4	10	2.2	1.00	J
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 4 of 10

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>		
1,4-Bromofluorobenzene	91	80-120			
Dibromofluoromethane	105	78-126			
1,2-Dichloroethane-d4	106	75-135			
Toluene-d8	99	80-120			

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





Calscience

## Analytical Report

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 5 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Blank	15-04-0490-3-A	04/07/15 17:10	Aqueous	GC/MS BB	04/08/15	04/09/15 05:40	150408L033

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 6 of 10

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>		
1,4-Bromofluorobenzene	94	80-120			
Dibromofluoromethane	103	78-126			
1,2-Dichloroethane-d4	104	75-135			
Toluene-d8	99	80-120			

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 7 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-14-001-16821</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC/MS BB</b>	<b>04/08/15</b>	<b>04/08/15 23:42</b>	<b>150408L033</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 8 of 10

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>		
1,4-Bromofluorobenzene	95	80-120			
Dibromofluoromethane	99	78-126			
1,2-Dichloroethane-d4	102	75-135			
Toluene-d8	98	80-120			

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 9 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-14-001-16852	N/A	Aqueous	GC/MS QQ	04/11/15	04/11/15 12:19	150411L010

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 10 of 10

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>		
1,4-Bromofluorobenzene	91	80-120			
Dibromofluoromethane	104	78-126			
1,2-Dichloroethane-d4	106	75-135			
Toluene-d8	103	80-120			

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.

600 Wilshire Boulevard, Suite 750

Los Angeles, CA 90017-3255

Project: Marina Del Rey Parking Lots 5 &amp; 7

Date Received:

04/07/15

Work Order:

15-04-0490

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>5-2-I</b>	<b>15-04-0490-1</b>	<b>04/07/15 16:50</b>	<b>Aqueous</b>

Parameter	Results	RL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> )	70	20	10.0		mg/L	N/A	04/09/15	SM 2340C
Solids, Total Suspended	137	1.00	1.00		mg/L	04/10/15	04/10/15	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>5-2-IDUP</b>	<b>15-04-0490-2</b>	<b>04/07/15 17:00</b>	<b>Aqueous</b>

Parameter	Results	RL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> )	80	20	10.0		mg/L	N/A	04/09/15	SM 2340C
Solids, Total Suspended	38	1.0	1.00		mg/L	04/10/15	04/10/15	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>Blank</b>	<b>15-04-0490-3</b>	<b>04/07/15 17:10</b>	<b>Aqueous</b>

Parameter	Results	RL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> )	ND	2.0	1.00		mg/L	N/A	04/09/15	SM 2340C
Solids, Total Suspended	ND	1.0	1.00		mg/L	04/10/15	04/10/15	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>Method Blank</b>		<b>N/A</b>	<b>Aqueous</b>

Parameter	Results	RL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> )	ND	2.0	1.00		mg/L	N/A	04/09/15	SM 2340C
Solids, Total Suspended	ND	1.0	1.00		mg/L	04/10/15	04/10/15	SM 2540 D

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
5-2-I	Sample	Aqueous	GC 56	04/09/15	04/10/15 09:26	150409S021
5-2-I	Matrix Spike	Aqueous	GC 56	04/09/15	04/10/15 09:57	150409S021
5-2-I	Matrix Spike Duplicate	Aqueous	GC 56	04/09/15	04/10/15 10:29	150409S021

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics	ND	2000	1723	86	1733	87	68-122	1	0-18	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7

Project: Marina Del Rey Parking Lots 5 & 7 Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-04-0560-1	Sample	Aqueous	ICP 7300	04/08/15	04/09/15 14:28	150408SA6
15-04-0560-1	Matrix Spike	Aqueous	ICP 7300	04/08/15	04/09/15 14:30	150408SA6
15-04-0560-1	Matrix Spike Duplicate	Aqueous	ICP 7300	04/08/15	04/09/15 14:31	150408SA6

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.5846	117	0.5852	117	80-120	0	0-20	
Lead	ND	0.5000	0.5398	108	0.5369	107	80-120	1	0-20	
Zinc	1.017	0.5000	1.629	122	1.593	115	80-120	2	0-20	3

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-04-0482-6	Sample	Aqueous	ICP 7300	04/08/15	04/09/15 14:37	150408SA5
15-04-0482-6	Matrix Spike	Aqueous	ICP 7300	04/08/15	04/09/15 14:39	150408SA5
15-04-0482-6	Matrix Spike Duplicate	Aqueous	ICP 7300	04/08/15	04/09/15 14:41	150408SA5

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.4851	97	0.5048	101	80-120	4	0-20	
Lead	ND	0.5000	0.5172	103	0.5372	107	80-120	4	0-20	
Zinc	0.01117	0.5000	0.5598	110	0.5931	116	80-120	6	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - Spike/Spike Duplicate

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-04-0487-12	Sample	Aqueous	GC/MS BB	04/08/15	04/09/15 01:05	150408S029
15-04-0487-12	Matrix Spike	Aqueous	GC/MS BB	04/08/15	04/09/15 01:32	150408S029
15-04-0487-12	Matrix Spike Duplicate	Aqueous	GC/MS BB	04/08/15	04/09/15 02:00	150408S029

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	50.68	101	53.28	107	10-150	5	0-20	
Benzene	ND	50.00	50.36	101	50.54	101	72-120	0	0-20	
Bromobenzene	ND	50.00	51.01	102	51.79	104	10-150	2	0-20	
Bromochloromethane	ND	50.00	50.78	102	52.40	105	10-150	3	0-20	
Bromodichloromethane	ND	50.00	50.54	101	51.55	103	10-150	2	0-20	
Bromoform	ND	50.00	56.18	112	59.61	119	10-150	6	0-20	
Bromomethane	ND	50.00	52.42	105	52.17	104	10-150	0	0-20	
2-Butanone	ND	50.00	52.65	105	53.39	107	10-150	1	0-20	
n-Butylbenzene	ND	50.00	49.23	98	50.92	102	10-150	3	0-20	
sec-Butylbenzene	ND	50.00	53.44	107	55.11	110	10-150	3	0-20	
tert-Butylbenzene	ND	50.00	53.54	107	56.18	112	10-150	5	0-20	
Carbon Disulfide	ND	50.00	43.03	86	45.33	91	10-150	5	0-20	
Carbon Tetrachloride	ND	50.00	46.83	94	50.22	100	63-135	7	0-20	
Chlorobenzene	ND	50.00	51.12	102	51.54	103	80-120	1	0-20	
Chloroethane	ND	50.00	39.66	79	42.09	84	10-150	6	0-20	
Chloroform	ND	50.00	50.63	101	50.94	102	10-150	1	0-20	
Chloromethane	ND	50.00	43.22	86	45.41	91	10-150	5	0-20	
2-Chlorotoluene	ND	50.00	53.23	106	54.83	110	10-150	3	0-20	
4-Chlorotoluene	ND	50.00	51.27	103	52.85	106	10-150	3	0-20	
Dibromochloromethane	ND	50.00	55.00	110	55.27	111	10-150	0	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	47.68	95	48.82	98	10-150	2	0-20	
1,2-Dibromoethane	ND	50.00	53.26	107	52.13	104	80-120	2	0-20	
Dibromomethane	ND	50.00	52.99	106	52.60	105	10-150	1	0-20	
1,2-Dichlorobenzene	ND	50.00	51.03	102	52.07	104	80-120	2	0-20	
1,3-Dichlorobenzene	ND	50.00	49.05	98	50.91	102	10-150	4	0-20	
1,4-Dichlorobenzene	ND	50.00	45.99	92	47.24	94	10-150	3	0-20	
Dichlorodifluoromethane	1.016	50.00	46.98	92	49.90	98	10-150	6	0-20	
1,1-Dichloroethane	ND	50.00	49.94	100	50.71	101	10-150	2	0-20	
1,2-Dichloroethane	ND	50.00	51.30	103	51.04	102	10-150	1	0-20	
1,1-Dichloroethene	3.918	50.00	49.72	92	51.72	96	60-132	4	0-25	
c-1,2-Dichloroethene	4.158	50.00	56.34	104	58.12	108	10-150	3	0-20	
t-1,2-Dichloroethene	ND	50.00	50.24	100	51.50	103	10-150	2	0-20	
1,2-Dichloropropane	ND	50.00	51.45	103	51.81	104	10-150	1	0-20	
1,3-Dichloropropane	ND	50.00	53.72	107	52.67	105	10-150	2	0-20	
2,2-Dichloropropane	ND	50.00	40.04	80	43.17	86	10-150	8	0-20	

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - Spike/Spike Duplicate

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 5 of 6

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	46.03	92	46.54	93	10-150	1	0-20	
c-1,3-Dichloropropene	ND	50.00	45.27	91	46.65	93	10-150	3	0-20	
t-1,3-Dichloropropene	ND	50.00	42.73	85	42.62	85	10-150	0	0-20	
Ethylbenzene	ND	50.00	51.64	103	52.17	104	78-120	1	0-20	
2-Hexanone	ND	50.00	51.82	104	52.45	105	10-150	1	0-20	
Isopropylbenzene	ND	50.00	54.65	109	55.79	112	10-150	2	0-20	
p-Isopropyltoluene	ND	50.00	50.22	100	51.59	103	10-150	3	0-20	
Methylene Chloride	ND	50.00	50.43	101	53.60	107	10-150	6	0-20	
4-Methyl-2-Pentanone	ND	50.00	53.11	106	53.33	107	10-150	0	0-20	
Naphthalene	ND	50.00	52.18	104	53.50	107	10-150	2	0-20	
n-Propylbenzene	ND	50.00	53.48	107	54.73	109	10-150	2	0-20	
Styrene	ND	50.00	51.73	103	53.35	107	10-150	3	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	52.60	105	53.60	107	10-150	2	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	55.10	110	57.46	115	10-150	4	0-20	
Tetrachloroethene	18.43	50.00	70.07	103	63.28	90	10-150	10	0-20	
Toluene	ND	50.00	49.45	99	50.65	101	74-122	2	0-20	
1,2,3-Trichlorobenzene	ND	50.00	49.51	99	50.23	100	10-150	1	0-20	
1,2,4-Trichlorobenzene	ND	50.00	46.63	93	48.20	96	10-150	3	0-20	
1,1,1-Trichloroethane	ND	50.00	47.78	96	49.99	100	10-150	5	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	48.41	97	48.98	98	10-150	1	0-20	
1,1,2-Trichloroethane	ND	50.00	53.96	108	52.50	105	10-150	3	0-20	
Trichloroethene	55.06	50.00	98.54	87	97.21	84	69-120	1	0-20	
Trichlorofluoromethane	ND	50.00	43.90	88	46.38	93	10-150	5	0-20	
1,2,3-Trichloropropane	ND	50.00	48.43	97	47.14	94	10-150	3	0-20	
1,2,4-Trimethylbenzene	ND	50.00	49.79	100	51.26	103	10-150	3	0-20	
1,3,5-Trimethylbenzene	ND	50.00	52.87	106	53.68	107	10-150	2	0-20	
Vinyl Acetate	ND	50.00	38.07	76	43.08	86	10-150	12	0-20	
Vinyl Chloride	ND	50.00	46.52	93	50.05	100	58-130	7	0-20	
p/m-Xylene	ND	100.0	108.0	108	109.5	109	10-150	1	0-20	
o-Xylene	ND	50.00	54.96	110	56.23	112	10-150	2	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	51.32	103	52.92	106	72-126	3	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - Spike/Spike Duplicate

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-04-0750-4	Sample	Aqueous	GC/MS QQ	04/11/15	04/11/15 13:13	150411S011
15-04-0750-4	Matrix Spike	Aqueous	GC/MS QQ	04/11/15	04/11/15 13:40	150411S011
15-04-0750-4	Matrix Spike Duplicate	Aqueous	GC/MS QQ	04/11/15	04/11/15 14:06	150411S011

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	7.873	50.00	56.35	97	54.38	93	74-122	4	0-21	
Carbon Tetrachloride	ND	50.00	53.51	107	50.81	102	60-144	5	0-21	
Chlorobenzene	ND	50.00	50.29	101	49.17	98	73-120	2	0-22	
1,2-Dibromoethane	ND	50.00	52.49	105	51.35	103	80-122	2	0-20	
1,2-Dichlorobenzene	ND	50.00	51.36	103	51.35	103	70-120	0	0-26	
1,2-Dichloroethane	11.42	50.00	61.33	100	59.53	96	64-142	3	0-20	
1,1-Dichloroethene	1.228	50.00	49.95	97	45.73	89	52-136	9	0-21	
Ethylbenzene	ND	50.00	53.49	107	54.06	108	77-125	1	0-24	
Toluene	ND	50.00	52.46	105	50.67	101	72-126	3	0-23	
Trichloroethene	73.21	50.00	113.3	80	107.6	69	74-128	5	0-22	3
Vinyl Chloride	4.506	50.00	50.93	93	49.96	91	67-133	2	0-20	
p/m-Xylene	ND	100.0	108.3	108	107.7	108	63-129	1	0-25	
o-Xylene	ND	50.00	54.36	109	54.30	109	62-128	0	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	49.20	98	50.22	100	68-134	2	0-21	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2340C
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-04-0076-7	Sample	Aqueous	BUR21	N/A	04/09/15 18:05	F0409HARD1
15-04-0076-7	Sample Duplicate	Aqueous	BUR21	N/A	04/09/15 18:05	F0409HARD1

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Hardness, Total (as CaCO3)	442.0	442.0	0	0-25	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-04-0506-5	Sample	Aqueous	N/A	04/10/15 00:00	04/10/15 18:00	F0410TSSD2
15-04-0506-5	Sample Duplicate	Aqueous	N/A	04/10/15 00:00	04/10/15 18:00	F0410TSSD2

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Solids, Total Suspended	324.4	324.4	0	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc. 600 Wilshire Boulevard, Suite 750 Los Angeles, CA 90017-3255	Date Received: 04/07/15 Work Order: 15-04-0490 Preparation: N/A Method: SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7	Page 1 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-010-7135	LCS	Aqueous	N/A	04/10/15	04/10/15 18:00	F0410TSSL2
099-09-010-7135	LCSD	Aqueous	N/A	04/10/15	04/10/15 18:00	F0410TSSL2

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Solids, Total Suspended	100.0	89.00	89	89.00	89	80-120	0	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
099-15-304-1006	LCS	Aqueous	GC 47	04/08/15	04/08/15 20:14	150408B03			
099-15-304-1006	LCSD	Aqueous	GC 47	04/08/15	04/08/15 20:32	150408B03			
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	1862	93	1857	93	75-117	0	0-13	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 3 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-12-022-2979</b>	<b>LCS</b>	<b>Aqueous</b>	<b>GC 56</b>	<b>04/09/15</b>	<b>04/09/15 17:50</b>	<b>150409L035</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Gasoline Range Organics		2000	1927	96	78-120	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 4 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>097-01-012-6139</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>04/08/15</b>	<b>04/09/15 13:00</b>	<b>150408LA6</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.5345	107	85-115	
Lead		0.5000	0.5333	107	85-115	
Zinc		0.5000	0.5447	109	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - LCS

CDM Smith Inc.	Date Received:	04/07/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-04-0490
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 5 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-14-304-424</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>04/08/15</b>	<b>04/09/15 13:04</b>	<b>150408LA5F</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.4964	99	85-115	
Lead		0.5000	0.4820	96	85-115	
Zinc		0.5000	0.4848	97	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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## Quality Control - LCS

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number	
<b>099-14-001-16821</b>	<b>LCS</b>	<b>Aqueous</b>	<b>GC/MS BB</b>	<b>04/08/15</b>	<b>04/08/15 22:47</b>	<b>150408L033</b>	
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>ME CL</u>	<u>Qualifiers</u>
Benzene		50.00	51.37	103	80-120	73-127	
Carbon Tetrachloride		50.00	46.85	94	67-139	55-151	
Chlorobenzene		50.00	50.55	101	78-120	71-127	
1,2-Dibromoethane		50.00	53.67	107	80-120	73-127	
1,2-Dichlorobenzene		50.00	51.12	102	63-129	52-140	
1,2-Dichloroethane		50.00	51.34	103	70-130	60-140	
1,1-Dichloroethene		50.00	48.16	96	66-126	56-136	
Ethylbenzene		50.00	52.91	106	80-123	73-130	
Toluene		50.00	50.83	102	80-120	73-127	
Trichloroethene		50.00	51.16	102	80-122	73-129	
Vinyl Chloride		50.00	50.67	101	70-130	60-140	
p/m-Xylene		100.0	109.3	109	75-123	67-131	
o-Xylene		50.00	55.35	111	74-122	66-130	
Methyl-t-Butyl Ether (MTBE)		50.00	53.55	107	69-129	59-139	

Total number of LCS compounds: 14

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





Calscience

## Quality Control - LCS

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 04/07/15  
Work Order: 15-04-0490  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number	
<b>099-14-001-16852</b>	<b>LCS</b>	<b>Aqueous</b>	<b>GC/MS QQ</b>	<b>04/11/15</b>	<b>04/11/15 11:15</b>	<b>150411L010</b>	
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>ME CL</u>	<u>Qualifiers</u>
Benzene		50.00	51.70	103	80-120	73-127	
Carbon Tetrachloride		50.00	55.67	111	67-139	55-151	
Chlorobenzene		50.00	53.02	106	78-120	71-127	
1,2-Dibromoethane		50.00	54.32	109	80-120	73-127	
1,2-Dichlorobenzene		50.00	53.25	106	63-129	52-140	
1,2-Dichloroethane		50.00	53.45	107	70-130	60-140	
1,1-Dichloroethene		50.00	48.27	97	66-126	56-136	
Ethylbenzene		50.00	56.61	113	80-123	73-130	
Toluene		50.00	52.87	106	80-120	73-127	
Trichloroethene		50.00	53.68	107	80-122	73-129	
Vinyl Chloride		50.00	50.48	101	70-130	60-140	
p/m-Xylene		100.0	115.3	115	75-123	67-131	
o-Xylene		50.00	57.05	114	74-122	66-130	
Methyl-t-Butyl Ether (MTBE)		50.00	51.07	102	69-129	59-139	

Total number of LCS compounds: 14

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Sample Analysis Summary Report

Work Order: 15-04-0490

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 200.7	N/A	935	ICP 7300	1
EPA 200.7	Filtered	935	ICP 7300	1
EPA 8015B	EPA 5030C	933	GC 56	2
EPA 8015B (M)	EPA 3510C	682	GC 47	1
EPA 8260B	EPA 5030C	486	GC/MS BB	2
EPA 8260B	EPA 5030C	486	GC/MS QQ	2
SM 2340C	N/A	688	BUR21	1
SM 2540 D	N/A	689	N/A	1

  
Return to Contents

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Location 2: 7445 Lampson Avenue, Garden Grove, CA 92841



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## Glossary of Terms and Qualifiers

Work Order: 15-04-0490

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSO or PES/PESO associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.



Calscience

7440 Lincoln Way, Garden Grove, CA 92641-1427 • (714) 895-5494  
For courier service / sample drop off information, contact us26\_sales@eurofins.com or call us.

LABORATORY CLIENT:

CDM Smith  
600 Wilshire Blvd. Suite 750  
Los Angeles CA 90017  
TEL: 213-457-2100 E-MAIL: lirtu@cdmsmith.com

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD):  
 SAME DAY  24 HR  48 HR  72 HR  5 DAYS  STANDARD

SPECIAL INSTRUCTIONS:  
 COELT EDF  OTHER

CHAIN-OF-CUSTODY RECORD

WO NO./LAB USE ONLY

15-04-0490

DATE: 4/7/15 OF 1  
PAGE: 1

CLIENT PROJECT NAME / NO.:

Manna Del Rey Parking Lots 5 & 7

P.O. NO.:

LAB CONTACT OR QUOTE NO.:

Stephen Nowak . 951227

SAMPLER(S): (PRINT)

LOG CODE:

GLOBAL ID:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO PHENACETIC ACID	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO TPH Diesel	<input type="checkbox"/> TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44 <del>off base</del>	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081) TARBINES 5	PCBs (8082) TSS	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X Asstn 10/12	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	Early	Fecal coliform	Total coliform	Enteric			
		DATE	TIME																									
1	5-2-I	4/7/15	16:50	SW	11				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	5-2-I Dup	4/7/15	17:00	SW	11				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Blank	4/7/15	17:10	SW	11				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Received by: (Signature/Affiliation) *DANNY ELLI* Date: 4/7/15 Time: 6:53 pm  
 Received by: (Signature/Affiliation) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: (Signature) \_\_\_\_\_  
 Relinquished by: (Signature) \_\_\_\_\_  
 Relinquished by: (Signature) \_\_\_\_\_



Calscience

WORK ORDER NUMBER: 15-04-0490

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: CDM Smith

DATE: 04/07/2015

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)  
 Thermometer ID: SC2 (CF: -0.3°C) Temperature (w/o CF): 4.0 °C (w/ CF): 3.7 °C  Blank  Sample  
 Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)  
 Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling  
 Sample(s) received at ambient temperature; placed on ice for transport by courier  
 Ambient Temperature:  Air  Filter

Checked by: 619

**CUSTODY SEAL:**

Cooler  Present and Intact  Not Intact  Not Present  N/A

Sample(s)  Present and Intact  Not Intact  Not Present  N/A

Checked by: 619  
Checked by: 917

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input type="checkbox"/> Matrix <input type="checkbox"/> Number of containers			
<input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input checked="" type="checkbox"/> Dissolved Metals			
Container(s) for certain analysis free of headspace.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:** (Trip Blank Lot Number: ECI \_\_\_\_\_)

**Aqueous:** VOA VOAh VOAna<sub>2</sub> 100PJ 100PJna<sub>2</sub> 125AGB 125AGBh 125AGBp 125PB  
125PBz<sub>2</sub>na 250AGB 250CGB 250CGBs 250PB 250PBn 500AGB 500AGJ 500AGJs  
500PB 1AGB 1AGBna<sub>2</sub> 1AGBs 1PB 1PBna \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

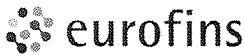
**Solid:** 4ozCGJ 8ozCGJ 16ozCGJ 16ozPJ Sleeve (\_\_\_\_) EnCores® ( ) TerraCores® ( ) \_\_\_\_\_

**Air:** Tedlar® Canister Sorbent Tube PUF \_\_\_\_\_ **Other Matrix** (\_\_\_\_): \_\_\_\_\_ \_\_\_\_\_

Container: A=Amber, B=Bottle, C=Clear, E=Envelope, G=Glass, J=Jar, P=Plastic, and Z= Ziploc/Resealable Bag  
 Preservative: b=buffered f=filtered, h=HCl, n=HNO<sub>3</sub>, na=NaOH, na<sub>2</sub>=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, p=H<sub>3</sub>PO<sub>4</sub>,  
 s=H<sub>2</sub>SO<sub>4</sub>, u=ultra-pure, z<sub>2</sub>na=Zn(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH

Labeled/Checked by: 917  
Reviewed by: 619

Return to Contents



Calscience

SAMPLE ANOMALY REPORT

DATE: 04 / 07 / 2015

SAMPLES, CONTAINERS, AND LABELS:

- Sample(s) NOT RECEIVED but listed on COC
Sample(s) received but NOT LISTED on COC
Holding time expired (list client or ECI sample ID and analysis)
Insufficient sample amount for requested analysis (list analysis)
Improper container(s) used (list analysis)
Improper preservative used (list analysis)
No preservative noted on COC or label (list analysis and notify lab)
Sample container(s) not labeled
Client sample label(s) illegible (list container type and analysis)
Client sample label(s) do not match COC (comment)
Project information
Client sample ID
Sampling date and/or time
Number of container(s)
Requested analysis
Sample container(s) compromised (comment)
Broken
Water present in sample container
Air sample container(s) compromised (comment)
Flat
Very low in volume
Leaking (not transferred; duplicate bag submitted)
Leaking (transferred into ECI Tedlar bags)
Leaking (transferred into client's Tedlar bags)

Comments

(-1) through (-3) received 2 vials with HCL for TPH-G & 8260

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or 1/4 inch for volatile organic or dissolved gas analysis)

(Containers with bubble for other analysis)

Table with 6 columns: ECI Sample ID, ECI Container ID, Total Number, ECI Sample ID, ECI Container ID, Total Number

Table with 4 columns: ECI Sample ID, ECI Container ID, Total Number, Requested Analysis

Comments:

Reported by: 652

Reviewed by: 971

\*\* Record the total number of containers (i.e., vials or bottles) for the affected sample.



### Subcontractor Analysis Report

---

Work Order: 15-04-0490

Page 1 of 1

---

One or more samples in this work order have tests that were subcontracted. The subcontract report(s) follows.

For subcontracted tests, please reference the laboratory information noted below.

1. Silliker Inc. - Cypress,CA CA ELAP 1534  
Microbiology

  
Return to Contents




**SILLIKER, Inc.**  
**Southern California Laboratory**

 6360 Gateway Drive, Cypress, CA 90630  
 Tel. 209/ 549 7508 Fax. 714/ 226 0009

COA No:	SCA-37913324-0
Supersedes:	None
COA Date	4/13/15
Page 1 of 2	

**COPY TO:**
 Mr. Stephen Nowak  
 Project Manager  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427
**ORIGINAL TO:**
 Ms. Elizabeth Winger  
 Laboratory Director  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

Received From:	Garden Grove, CA
Received Date:	4/8/15
P.O.# / ID:	Stephan Novak
Location of Test: (except where noted) Cypress, CA	

---

**Analytical Results**


---

<b>Desc. 1:</b>	Sample ID: 5-2-I	<b>Laboratory ID:</b>	352507052
<b>Desc. 2:</b>	Date: 4/7/2015	<b>Condition Rec'd:</b>	NORMAL
<b>Desc. 3:</b>	Time: 1650	<b>Temp Rec'd (°C):</b>	7.0
<b>Desc. 4:</b>	Matrix: SW		
<b>Desc. 5:</b>	Project # : NA		
<b>Desc. 6:</b>	Date and Time Tested: 4/8/2015 @ 12:37PM		

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	170	/100mL	SMEWW 20th ed. 9221B	4/12/15	
E. coli - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221F	4/13/15	
Enterococci - 5 tube MPN	30	/100mL	SMEWW 20th, 9230A-B	4/11/15	
Fecal Coliforms - 5 tube MPN	110	/100mL	SMEWW 20th ed. 9221E	4/12/15	

<b>Desc. 1:</b>	Sample ID: 5-2-I Dup	<b>Laboratory ID:</b>	352507063
<b>Desc. 2:</b>	Date: 4/7/2015	<b>Condition Rec'd:</b>	NORMAL
<b>Desc. 3:</b>	Time: 1700	<b>Temp Rec'd (°C):</b>	7.0
<b>Desc. 4:</b>	Matrix: SW		
<b>Desc. 5:</b>	Project # : NA		
<b>Desc. 6:</b>	Date and Time Tested: 4/8/2015 @ 12:37PM		

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	110	/100mL	SMEWW 20th ed. 9221B	4/12/15	
E. coli - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221F	4/13/15	
Enterococci - 5 tube MPN	80	/100mL	SMEWW 20th, 9230A-B	4/11/15	
Fecal Coliforms - 5 tube MPN	50	/100mL	SMEWW 20th ed. 9221E	4/12/15	

<b>Desc. 1:</b>	Sample ID: Blank	<b>Laboratory ID:</b>	352507078
<b>Desc. 2:</b>	Date: 4/7/2015	<b>Condition Rec'd:</b>	NORMAL
<b>Desc. 3:</b>	Time: 1710	<b>Temp Rec'd (°C):</b>	7.0
<b>Desc. 4:</b>	Matrix: SW		
<b>Desc. 5:</b>	Project # : NA		
<b>Desc. 6:</b>	Date and Time Tested: 4/8/2015 @ 12:37PM		

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221B	4/10/15	
E. coli - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221F	4/10/15	
Enterococci - 5 tube MPN	<2	/100mL	SMEWW 20th, 9230A-B	4/10/15	
Fecal Coliforms - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221E	4/10/15	

Results reported herein are provided "as is" and are based solely upon samples as provided by client. This report may not be distributed or reproduced except in full. Client shall not at any time misrepresent the content of this report. Mériex NutriSciences assumes no responsibility, and client hereby waives all claims against Mériex NutriSciences, for interpretation of such results.

Except as otherwise stated, Mériex NutriSciences Terms and Conditions for Testing Services apply.



**SILLIKER, Inc.**  
**Southern California Laboratory**  
 6360 Gateway Drive, Cypress, CA 90630  
 Tel. 209/ 549 7508 Fax. 714/ 226 0009

<b>COA No:</b>	SCA-37913324-0
<b>Supersedes:</b>	None
<b>COA Date</b>	4/13/15
<b>Page 2 of 2</b>	

**COPY TO:**

Mr. Stephen Nowak  
 Project Manager  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

**ORIGINAL TO:**

Ms. Elizabeth Winger  
 Laboratory Director  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

<b>Received From:</b>	Garden Grove, CA
<b>Received Date:</b>	4/8/15
<b>P.O.# / ID:</b>	Stephan Novak
<b>Location of Test: (except where noted)</b> Cypress, CA	

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**Analytical Results**

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 \_\_\_\_\_  
 Jorge Hernandez Laboratory Director

Return to Contents 

Results reported herein are provided "as is" and are based solely upon samples as provided by client. This report may not be distributed or reproduced except in full. Client shall not at any time misrepresent the content of this report. Mérieux NutriSciences assumes no responsibility, and client hereby waives all claims against Mérieux NutriSciences, for interpretation of such results.  
 Except as otherwise stated, Mérieux NutriSciences Terms and Conditions for Testing Services apply.

# CALS-AD-22 Sample Analysis Request Form \*\*\*Wastewater/Stormwater Samples Only\*\*\*

<b>LOG IN INFORMATION</b>		<b>CLIENT INFORMATION</b>	
Relinquished By:		Eurofins Calscience, Inc. 7440 Lincoln Way Garden Grove, CA 92841-1432	
Date/Time:		PRIMARY ACCOUNT CONTACT	
Program: <b>CALS-27</b>		Stephen Nowak and Maricris dela Rosa 714-895-5494 <a href="mailto:ElizabethWinger@eurofinsUS.com">ElizabethWinger@eurofinsUS.com</a>	
(CALS-27) Calscience Environmental- Wastewater/Seawater/Soil/Sed			
Received From:			
Eurofins Calscience, Inc.: Garden Grove, CA			
PO: #			
Special Instructions:			
SILLIKER a Merieux NutriSciences Company Southern California Laboratory 6360 Gateway Drive Cypress, CA 90630 PHONE: RCS 877-331-0866 FAX: 714-226-0009 Cypress.samplerceiving@silliker.com FOR SILLIKER USE ONLY - PLEASE INITIAL/DATE WHERE APPROPRIATE		Received By: _____ Ship via: ECI Courier Temperature Received: _____ Device Identification #: _____ Technical Review (if applicable): _____ Clerical Review: _____ Date/Time Received: _____	

**ATTACHMENT 8 - EXHIBIT D**

**SAMPLE INFORMATION (Completed by Customer, please place an "X" in the columns for tests needed on each sample)**

Client complete	Sample Description						Coliforms (COL-MPN5)	E. Coll (EC-MPN5)	Fecal Coliforms (FECAL-MPN5)	Enterococci (ENTROCOMPNS)	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING
	Desc:1	Desc:2	Desc:3	Desc:4	Desc:5	Desc:6											
Matrix	Sample ID:	Date:	Time:	Matrix:	Project #	Tested:											
	5-2-1	4/7/2015	1650	SW			X	X	X	X							
	5-2-1 Dup	4/7/2015	1700	SW			X	X	X	X							
	Blank	4/7/2015	1710	SW			X	X	X	X							

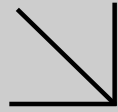
**PERSONAL DELIVERY**

4/3/15

Please fax or email your completed SARF to your Silliker lab on the day you ship your samples. Include original with samples.  
 Other\* - Contact your Client Service Representative to make additions or updates to the testing prior to submitting samples.



Calscience



**WORK ORDER NUMBER: 15-05-1102**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** CDM Smith Inc.

**Client Project Name:** Marina Del Rey Parking Lots 5 & 7

**Attention:** Tiffany Lin  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Approved for release on 05/27/2015 by:  
Stephen Nowak  
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



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# Contents

Client Project Name: Marina Del Rey Parking Lots 5 & 7  
Work Order Number: 15-05-1102

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Detections Summary. . . . .	5
4	Client Sample Data. . . . .	6
	4.1 EPA 8015B (M) TPH Motor Oil (Aqueous). . . . .	6
	4.2 EPA 8015B (M) TPH Diesel (Aqueous). . . . .	8
	4.3 EPA 8015B GRO (Aqueous). . . . .	10
	4.4 EPA 200.7 ICP Metals (Aqueous). . . . .	12
	4.5 EPA 200.7 ICP Metals (Aqueous). . . . .	13
	4.6 Combined Inorganic Tests. . . . .	14
5	Quality Control Sample Data. . . . .	15
	5.1 MS/MSD. . . . .	15
	5.2 Sample Duplicate. . . . .	18
	5.3 LCS/LCSD. . . . .	20
6	Sample Analysis Summary. . . . .	26
7	Glossary of Terms and Qualifiers. . . . .	27
8	Chain-of-Custody/Sample Receipt Form. . . . .	28
9	Subcontract Narrative. . . . .	30
10	Subcontract - Microbiology 15-05-1102. . . . .	31



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**Work Order Narrative**

Work Order: 15-05-1102

Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 05/14/15. They were assigned to Work Order 15-05-1102.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.





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**Sample Summary**

<p>Client: CDM Smith Inc. 600 Wilshire Boulevard, Suite 750 Los Angeles, CA 90017-3255</p>	<p>Work Order: 15-05-1102 Project Name: Marina Del Rey Parking Lots 5 &amp; 7 PO Number: Date/Time Received: 05/14/15 18:28 Number of Containers: 44</p>
----------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Attn: Tiffany Lin

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
5-2-I	15-05-1102-1	05/14/15 13:45	11	Aqueous
5-2-E	15-05-1102-2	05/14/15 14:20	11	Aqueous
5-2-E Dup	15-05-1102-3	05/14/15 14:35	11	Aqueous
Blank	15-05-1102-4	05/14/15 14:40	11	Aqueous

Return to Contents





Calscience

## Detections Summary

Client: CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Work Order: 15-05-1102  
Project Name: Marina Del Rey Parking Lots 5 & 7  
Received: 05/14/15

Attn: Tiffany Lin

Page 1 of 1

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
5-2-I (15-05-1102-1)						
Copper	0.0768		0.0100	mg/L	EPA 200.7	N/A
Lead	0.0351		0.0100	mg/L	EPA 200.7	N/A
Zinc	0.333		0.0100	mg/L	EPA 200.7	N/A
Copper	0.0432		0.0100	mg/L	EPA 200.7	Filtered
Zinc	0.127		0.0100	mg/L	EPA 200.7	Filtered
TPH as Motor Oil	2700	HD	2500	ug/L	EPA 8015B (M)	EPA 3510C
TPH as Diesel	2400	HD	500	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	50		4.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	162		1.00	mg/L	SM 2540 D	N/A
5-2-E (15-05-1102-2)						
Copper	0.0192		0.0100	mg/L	EPA 200.7	N/A
Lead	0.0127		0.0100	mg/L	EPA 200.7	N/A
Zinc	1.96		0.0100	mg/L	EPA 200.7	N/A
Copper	0.00816	J	0.00267*	mg/L	EPA 200.7	Filtered
Zinc	0.0255		0.0100	mg/L	EPA 200.7	Filtered
TPH as Motor Oil	710	HD,J	270*	ug/L	EPA 8015B (M)	EPA 3510C
TPH as Diesel	690	HD	250	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	80		4.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	65		1.0	mg/L	SM 2540 D	N/A
5-2-E Dup (15-05-1102-3)						
Copper	0.0135		0.0100	mg/L	EPA 200.7	N/A
Lead	0.0107		0.0100	mg/L	EPA 200.7	N/A
Zinc	0.0598		0.0100	mg/L	EPA 200.7	N/A
Copper	0.00444	J	0.00267*	mg/L	EPA 200.7	Filtered
Zinc	0.0153		0.0100	mg/L	EPA 200.7	Filtered
TPH as Motor Oil	630	HD,J	270*	ug/L	EPA 8015B (M)	EPA 3510C
TPH as Diesel	530	HD	250	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	50		4.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	61		1.0	mg/L	SM 2540 D	N/A

Subcontracted analyses, if any, are not included in this summary.

\* MDL is shown



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	15-05-1102-1-C	05/14/15 13:45	Aqueous	GC 45	05/15/15	05/16/15 05:04	150515B15

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	2700	2500	530	10.0	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	94	68-140	

5-2-E	15-05-1102-2-C	05/14/15 14:20	Aqueous	GC 45	05/15/15	05/16/15 05:22	150515B15
-------	----------------	-------------------	---------	-------	----------	-------------------	-----------

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	710	1200	270	5.00	HD,J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	79	68-140	

5-2-E Dup	15-05-1102-3-C	05/14/15 14:35	Aqueous	GC 45	05/15/15	05/16/15 05:40	150515B15
-----------	----------------	-------------------	---------	-------	----------	-------------------	-----------

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	630	1200	270	5.00	HD,J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	85	68-140	

Blank	15-05-1102-4-C	05/14/15 14:40	Aqueous	GC 45	05/15/15	05/16/15 05:58	150515B15
-------	----------------	-------------------	---------	-------	----------	-------------------	-----------

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	250	53	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	86	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

## Analytical Report

CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Date Received: 05/14/15  
Work Order: 15-05-1102  
Preparation: EPA 3510C  
Method: EPA 8015B (M)  
Units: ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-15-278-920	N/A	Aqueous	GC 45	05/15/15	05/16/15 02:25	150515B15

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil	ND	250	53	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	85	68-140	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	15-05-1102-1-C	05/14/15 13:45	Aqueous	GC 45	05/15/15	05/16/15 05:04	150515B14

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	2400	500	80	10.0	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	94	68-140	

5-2-E	15-05-1102-2-C	05/14/15 14:20	Aqueous	GC 45	05/15/15	05/16/15 05:22	150515B14
-------	----------------	-------------------	---------	-------	----------	-------------------	-----------

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	690	250	40	5.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	79	68-140	

5-2-E Dup	15-05-1102-3-C	05/14/15 14:35	Aqueous	GC 45	05/15/15	05/16/15 05:40	150515B14
-----------	----------------	-------------------	---------	-------	----------	-------------------	-----------

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	530	250	40	5.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	85	68-140	

Blank	15-05-1102-4-C	05/14/15 14:40	Aqueous	GC 45	05/15/15	05/16/15 05:58	150515B14
-------	----------------	-------------------	---------	-------	----------	-------------------	-----------

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	50	8.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	86	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-15-304-1041</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 45</b>	<b>05/15/15</b>	<b>05/16/15 02:25</b>	<b>150515B14</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	ND	50	8.0	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	85	68-140	



RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	15-05-1102-1-A	05/14/15 13:45	Aqueous	GC 1	05/20/15	05/21/15 05:16	150520L059

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	69	38-134	

5-2-E	15-05-1102-2-A	05/14/15 14:20	Aqueous	GC 1	05/20/15	05/21/15 07:03	150520L059
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	76	38-134	

5-2-E Dup	15-05-1102-3-A	05/14/15 14:35	Aqueous	GC 1	05/20/15	05/21/15 07:39	150520L059
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	72	38-134	

Blank	15-05-1102-4-A	05/14/15 14:40	Aqueous	GC 1	05/20/15	05/21/15 08:14	150520L059
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	79	38-134	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

## Analytical Report

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-12-022-3034</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 1</b>	<b>05/20/15</b>	<b>05/21/15 00:32</b>	<b>150520L059</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	78	38-134	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	15-05-1102-1-E	05/14/15 13:45	Aqueous	ICP 7300	05/15/15	05/19/15 16:14	150515LA5

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0768	0.0100	0.00267	1.00	
Lead	0.0351	0.0100	0.00406	1.00	
Zinc	0.333	0.0100	0.00352	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-E	15-05-1102-2-E	05/14/15 14:20	Aqueous	ICP 7300	05/15/15	05/19/15 16:15	150515LA5

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0192	0.0100	0.00267	1.00	
Lead	0.0127	0.0100	0.00406	1.00	
Zinc	1.96	0.0100	0.00352	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-E Dup	15-05-1102-3-E	05/14/15 14:35	Aqueous	ICP 7300	05/15/15	05/19/15 16:16	150515LA5

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0135	0.0100	0.00267	1.00	
Lead	0.0107	0.0100	0.00406	1.00	
Zinc	0.0598	0.0100	0.00352	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Blank	15-05-1102-4-E	05/14/15 14:40	Aqueous	ICP 7300	05/15/15	05/19/15 16:18	150515LA5

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	097-01-012-6191	N/A	Aqueous	ICP 7300	05/15/15	05/16/15 13:20	150515LA5

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	15-05-1102-1-D	05/14/15 13:45	Aqueous	ICP 7300	05/18/15	05/19/15 16:03	150518LA6F

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0432	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.127	0.0100	0.00352	1.00	

5-2-E	15-05-1102-2-D	05/14/15 14:20	Aqueous	ICP 7300	05/18/15	05/19/15 16:04	150518LA6F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00816	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0255	0.0100	0.00352	1.00	

5-2-E Dup	15-05-1102-3-D	05/14/15 14:35	Aqueous	ICP 7300	05/18/15	05/19/15 16:10	150518LA6F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00444	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0153	0.0100	0.00352	1.00	

Blank	15-05-1102-4-D	05/14/15 14:40	Aqueous	ICP 7300	05/18/15	05/19/15 16:12	150518LA6F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Method Blank	099-14-304-445	N/A	Aqueous	ICP 7300	05/18/15	05/19/15 15:51	150518LA6F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc. Date Received: 05/14/15  
 600 Wilshire Boulevard, Suite 750 Work Order: 15-05-1102  
 Los Angeles, CA 90017-3255  
 Project: Marina Del Rey Parking Lots 5 & 7 Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>5-2-I</b>	<b>15-05-1102-1</b>	<b>05/14/15 13:45</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO3) (24)	50	4.0	2.0	2.00		mg/L	N/A	05/20/15	SM 2340C
Solids, Total Suspended (24)	162	1.00	0.829	1.00		mg/L	05/20/15	05/20/15	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>5-2-E</b>	<b>15-05-1102-2</b>	<b>05/14/15 14:20</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO3) (24)	80	4.0	2.0	2.00		mg/L	N/A	05/20/15	SM 2340C
Solids, Total Suspended (24)	65	1.0	0.83	1.00		mg/L	05/20/15	05/20/15	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>5-2-E Dup</b>	<b>15-05-1102-3</b>	<b>05/14/15 14:35</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO3) (24)	50	4.0	2.0	2.00		mg/L	N/A	05/20/15	SM 2340C
Solids, Total Suspended (24)	61	1.0	0.83	1.00		mg/L	05/20/15	05/20/15	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>Blank</b>	<b>15-05-1102-4</b>	<b>05/14/15 14:40</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO3) (24)	ND	2.0	0.99	1.00		mg/L	N/A	05/20/15	SM 2340C
Solids, Total Suspended (24)	ND	1.0	0.83	1.00		mg/L	05/20/15	05/20/15	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>Method Blank</b>		<b>N/A</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO3) (24)	ND	2.0	0.99	1.00		mg/L	N/A	05/20/15	SM 2340C
Solids, Total Suspended (24)	ND	1.0	0.83	1.00		mg/L	05/20/15	05/20/15	SM 2540 D

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
5-2-I	Sample	Aqueous	GC 1	05/20/15	05/21/15 05:16	150520S033
5-2-I	Matrix Spike	Aqueous	GC 1	05/20/15	05/21/15 05:52	150520S033
5-2-I	Matrix Spike Duplicate	Aqueous	GC 1	05/20/15	05/21/15 06:28	150520S033

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics	ND	2000	2064	103	2063	103	68-122	0	0-18	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-05-1077-1	Sample	Aqueous	ICP 7300	05/15/15	05/16/15 14:45	150515SA5
15-05-1077-1	Matrix Spike	Aqueous	ICP 7300	05/15/15	05/16/15 14:46	150515SA5
15-05-1077-1	Matrix Spike Duplicate	Aqueous	ICP 7300	05/15/15	05/16/15 14:52	150515SA5

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	0.01492	0.5000	0.5429	106	0.5750	112	80-120	6	0-20	
Lead	0.01144	0.5000	0.5142	101	0.5392	106	80-120	5	0-20	
Zinc	0.1514	0.5000	0.6784	105	0.7310	116	80-120	7	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 3 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
5-2-E Dup	Sample	Aqueous	ICP 7300	05/18/15	05/19/15 16:10	150518SA6
5-2-E Dup	Matrix Spike	Aqueous	ICP 7300	05/18/15	05/19/15 16:00	150518SA6
5-2-E Dup	Matrix Spike Duplicate	Aqueous	ICP 7300	05/18/15	05/19/15 16:01	150518SA6

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.5282	106	0.5300	106	80-120	0	0-20	
Lead	ND	0.5000	0.5357	107	0.5297	106	80-120	1	0-20	
Zinc	0.01528	0.5000	0.5986	117	0.6002	117	80-120	0	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2340C
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-05-0771-1	Sample	Aqueous	BUR21	N/A	05/20/15 14:02	F0520HARD1
15-05-0771-1	Sample Duplicate	Aqueous	BUR21	N/A	05/20/15 14:02	F0520HARD1

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Hardness, Total (as CaCO3)	283.0	282.0	0	0-25	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
5-2-1	Sample	Aqueous	N/A	05/20/15 00:00	05/20/15 20:00	F0520TSSD5
5-2-1	Sample Duplicate	Aqueous	N/A	05/20/15 00:00	05/20/15 20:00	F0520TSSD5

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Solids, Total Suspended	162.0	166.0	2	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D

Project: Marina Del Rey Parking Lots 5 & 7 Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-010-7177	LCS	Aqueous	N/A	05/20/15	05/20/15 20:00	F0520TSSB5
099-09-010-7177	LCSD	Aqueous	N/A	05/20/15	05/20/15 20:00	F0520TSSB5

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Solids, Total Suspended	100.0	80.00	80	90.00	90	80-120	12	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
099-15-278-920	LCS	Aqueous	GC 45	05/15/15	05/16/15 03:17	150515B15			
099-15-278-920	LCSD	Aqueous	GC 45	05/15/15	05/16/15 03:35	150515B15			
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	2000	1992	100	2046	102	75-117	3	0-13	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
Project: Marina Del Rey Parking Lots 5 & 7		Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
099-15-304-1041	LCS	Aqueous	GC 45	05/15/15	05/16/15 02:42	150515B14			
099-15-304-1041	LCSD	Aqueous	GC 45	05/15/15	05/16/15 02:59	150515B14			
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	2180	109	2199	110	75-117	1	0-13	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - LCS

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-12-022-3034</b>	<b>LCS</b>	<b>Aqueous</b>	<b>GC 1</b>	<b>05/20/15</b>	<b>05/20/15 23:56</b>	<b>150520L059</b>

<u>Parameter</u>	<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Gasoline Range Organics	2000	2151	108	78-120	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>097-01-012-6191</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>05/15/15</b>	<b>05/16/15 13:26</b>	<b>150515LA5</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.5031	101	85-115	
Lead		0.5000	0.4955	99	85-115	
Zinc		0.5000	0.4860	97	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - LCS

CDM Smith Inc.	Date Received:	05/14/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1102
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-14-304-445</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>05/18/15</b>	<b>05/19/15 15:53</b>	<b>150518LA6F</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.4949	99	85-115	
Lead		0.5000	0.4997	100	85-115	
Zinc		0.5000	0.4852	97	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





Calscience

## Sample Analysis Summary Report

Work Order: 15-05-1102

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 200.7	N/A	935	ICP 7300	1
EPA 200.7	Filtered	935	ICP 7300	1
EPA 8015B	EPA 5030C	902	GC 1	2
EPA 8015B (M)	EPA 3510C	682	GC 45	1
SM 2340C	N/A	688	BUR21	1
SM 2540 D	N/A	977	N/A	1

  
Return to Contents

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Location 2: 7445 Lampson Avenue, Garden Grove, CA 92841



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## Glossary of Terms and Qualifiers

Work Order: 15-05-1102

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Return to Contents





Calscience

WORK ORDER NUMBER: 15-05-1102

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: CDM Smith

DATE: 05/14/2015

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.3°C); Temperature (w/o CF): 3.0 °C (w/ CF): 2.7 °C;  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature:  Air  Filter

Checked by: 678

**CUSTODY SEAL:**

Cooler  Present and Intact  Present but Not Intact  Not Present  N/A

Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A

Checked by: 678

Checked by: 965

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input checked="" type="checkbox"/> Matrix <input checked="" type="checkbox"/> Number of containers			
<input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input checked="" type="checkbox"/> Dissolved Metals			
Container(s) for certain analysis free of headspace .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:** (Trip Blank Lot Number: \_\_\_\_\_)

**Aqueous:**  VOA  VOA<sup>2</sup>  VOAna<sub>2</sub>  100PJ  100PJna<sub>2</sub>  125AGB  125AGBh  125AGBp  125PB

125PBz<sup>na</sup>  250AGB  250CGB  250CGBs  250PB  250PB<sup>2</sup>  500AGB  500AGJ  500AGJs

500PB  1AGB  1AGBna<sub>2</sub>  1AGBs  1PB  1PBna  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

**Solid:**  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (\_\_\_\_)  EnCores® (\_\_\_\_)  TerraCores® (\_\_\_\_)  \_\_\_\_\_

**Air:**  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ **Other Matrix** (\_\_\_\_):  \_\_\_\_\_  \_\_\_\_\_

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO<sub>3</sub>, **na** = NaOH, **na<sub>2</sub>** = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, **p** = H<sub>3</sub>PO<sub>4</sub>, **s** = H<sub>2</sub>SO<sub>4</sub>, **u** = ultra-pure, **z<sub>na</sub>** = Zn(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH

Labeled/Checked by: 200/965

Reviewed by: 82/776

\* received 11 containers

Return to Contents



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### Subcontractor Analysis Report

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Work Order: 15-05-1102

Page 1 of 1

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One or more samples in this work order have tests that were subcontracted. The subcontract report(s) follows.

For subcontracted tests, please reference the laboratory information noted below.

1. Silliker Inc. - Cypress, CA CA ELAP 1534  
Microbiology

  
Return to Contents



**SILLIKER, Inc.**  
**Southern California Laboratory**  
 6360 Gateway Drive, Cypress, CA 90630  
 Tel. 209/ 549 7508 Fax. 714/ 226 0009

<b>COA No:</b>	SCA-38017690-0
<b>Supersedes:</b>	None
<b>COA Date</b>	5/22/15
<b>Page 1 of 2</b>	

**COPY TO:**  
 Mr. Stephen Nowak  
 Project Manager  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

**ORIGINAL TO:**  
 Ms. Elizabeth Winger  
 Laboratory Director  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

<b>Received From:</b>	Garden Grove, CA
<b>Received Date:</b>	5/14/15
<b>P.O.# / ID:</b>	Elizabeth Winge
<b>Location of Test: (except where noted)</b> Cypress, CA	

**Analytical Results**

**Desc. 1:** Sample ID: 5-2-I **Laboratory ID:** 353264225  
**Desc. 2:** Date: 05/14/15 **Condition Rec'd:** NORMAL  
**Desc. 3:** Time: 13:45 **Temp Rec'd (°C):** 4.0  
**Desc. 4:** Matrix: SW  
**Desc. 5:** Project # : 15-05-1102  
**Desc. 6:** Date and Time Tested: 05/14/15 7:23PM

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	50	/100mL	SMEWW 20th ed. 9221B	5/18/15	
E. coli - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221F	5/18/15	
Enterococci - 5 tube MPN	500	/100mL	SMEWW 20th, 9230A-B	5/17/15	
Fecal Coliforms - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221E	5/18/15	

**Desc. 1:** Sample ID: 5-2-E **Laboratory ID:** 353264227  
**Desc. 2:** Date: 05/14/15 **Condition Rec'd:** NORMAL  
**Desc. 3:** Time: 14:20 **Temp Rec'd (°C):** 4.0  
**Desc. 4:** Matrix: SW  
**Desc. 5:** Project # : 15-05-1102  
**Desc. 6:** Date and Time Tested: 05/14/15 7:23PM

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	110	/100mL	SMEWW 20th ed. 9221B	5/18/15	
E. coli - 5 tube MPN	2	/100mL	SMEWW 20th ed. 9221F	5/21/15	
Enterococci - 5 tube MPN	2300	/100mL	SMEWW 20th, 9230A-B	5/17/15	
Fecal Coliforms - 5 tube MPN	23	/100mL	SMEWW 20th ed. 9221E	5/18/15	

**Desc. 1:** Sample ID: -DUP **Laboratory ID:** 353264229  
**Desc. 2:** Date: 05/14/15 **Condition Rec'd:** NORMAL  
**Desc. 3:** Time: 14:35 **Temp Rec'd (°C):** 4.0  
**Desc. 4:** Matrix: SW  
**Desc. 5:** Project # : 15-05-1102  
**Desc. 6:** Date and Time Tested: 05/14/15 7:23PM

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	220	/100mL	SMEWW 20th ed. 9221B	5/18/15	
E. coli - 5 tube MPN	8	/100mL	SMEWW 20th ed. 9221F	5/21/15	
Enterococci - 5 tube MPN	1300	/100mL	SMEWW 20th, 9230A-B	5/17/15	
Fecal Coliforms - 5 tube MPN	17	/100mL	SMEWW 20th ed. 9221E	5/18/15	

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Return to Contents



**SILLIKER, Inc.**  
**Southern California Laboratory**  
 6360 Gateway Drive, Cypress, CA 90630  
 Tel. 209/ 549 7508 Fax. 714/ 226 0009

COA No:	SCA-38017690-0
Supersedes:	None
COA Date	5/22/15
Page 2 of 2	

**COPY TO:**  
 Mr. Stephen Nowak  
 Project Manager  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427


**ORIGINAL TO:**  
 Ms. Elizabeth Winger  
 Laboratory Director  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

Received From:	Garden Grove, CA
Received Date:	5/14/15
P.O.# / ID:	Elizabeth Winge
Location of Test: (except where noted) Cypress, CA	

**Analytical Results**

<b>Desc. 1:</b>	Sample ID: Blank	<b>Laboratory ID:</b>	353264230
<b>Desc. 2:</b>	Date: 05/14/15	<b>Condition Rec'd:</b>	NORMAL
<b>Desc. 3:</b>	Time: 14:40	<b>Temp Rec'd (°C):</b>	4.0
<b>Desc. 4:</b>	Matrix: SW		
<b>Desc. 5:</b>	Project # : 15-05-1102		
<b>Desc. 6:</b>	Date and Time Tested: 05/14/15 7:23PM		

Analyte	Result	Units	Method Reference	Test Date	Loc.
Coliforms - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221B	5/16/15	
E. coli - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221F	5/16/15	
Enterococci - 5 tube MPN	<2	/100mL	SMEWW 20th, 9230A-B	5/16/15	
Fecal Coliforms - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221E	5/16/15	

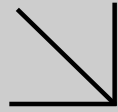
  
 \_\_\_\_\_  
 Jorge Hernandez Laboratory Director

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 Except as otherwise stated, Mériex NutriSciences Terms and Conditions for Testing Services apply.





Calscience



**WORK ORDER NUMBER: 15-05-1156**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** CDM Smith Inc.

**Client Project Name:** Marina Del Rey Parking Lots 5 & 7

**Attention:** Tiffany Lin  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Approved for release on 05/27/2015 by:  
Stephen Nowak  
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



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# Contents

Client Project Name: Marina Del Rey Parking Lots 5 & 7  
Work Order Number: 15-05-1156

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Detections Summary. . . . .	5
4	Client Sample Data. . . . .	6
	4.1 EPA 8015B (M) TPH Motor Oil (Aqueous). . . . .	6
	4.2 EPA 8015B (M) TPH Diesel (Aqueous). . . . .	7
	4.3 EPA 8015B GRO (Aqueous). . . . .	8
	4.4 EPA 200.7 ICP Metals (Aqueous). . . . .	9
	4.5 EPA 200.7 ICP Metals (Aqueous). . . . .	10
	4.6 Combined Inorganic Tests. . . . .	11
5	Quality Control Sample Data. . . . .	12
	5.1 MS/MSD. . . . .	12
	5.2 Sample Duplicate. . . . .	15
	5.3 LCS. . . . .	17
6	Sample Analysis Summary. . . . .	23
7	Glossary of Terms and Qualifiers. . . . .	24
8	Chain-of-Custody/Sample Receipt Form. . . . .	25
9	Subcontract Narrative. . . . .	27
10	Subcontract - Microbiology 15-05-1156. . . . .	28



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**Work Order Narrative**

Work Order: 15-05-1156

Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 05/15/15. They were assigned to Work Order 15-05-1156.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.





Calscience

### Sample Summary

---

Client: CDM Smith Inc. 600 Wilshire Boulevard, Suite 750 Los Angeles, CA 90017-3255	Work Order: 15-05-1156 Project Name: Marina Del Rey Parking Lots 5 & 7 PO Number: Date/Time Received: 05/15/15 10:30 Number of Containers: 11
-------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------

Attn: Tiffany Lin

---

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
7-4-I	15-05-1156-1	05/15/15 08:10	11	Aqueous

Return to Contents 



Calscience

## Detections Summary

Client: CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Work Order: 15-05-1156  
Project Name: Marina Del Rey Parking Lots 5 & 7  
Received: 05/15/15

Attn: Tiffany Lin

Page 1 of 1

Client SampleID

<u>Analyte</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>Units</u>	<u>Method</u>	<u>Extraction</u>
7-4-I (15-05-1156-1)						
Copper	0.0364		0.0100	mg/L	EPA 200.7	N/A
Zinc	0.310		0.0100	mg/L	EPA 200.7	N/A
Copper	0.0299		0.0100	mg/L	EPA 200.7	Filtered
Zinc	0.253		0.0100	mg/L	EPA 200.7	Filtered
TPH as Motor Oil	3000	HD	1200	ug/L	EPA 8015B (M)	EPA 3510C
TPH as Diesel	1500	HD	250	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	50		4.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	31		1.0	mg/L	SM 2540 D	N/A

Subcontracted analyses, if any, are not included in this summary.


  
Return to Contents

\* MDL is shown



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### Analytical Report

CDM Smith Inc. 600 Wilshire Boulevard, Suite 750 Los Angeles, CA 90017-3255	Date Received: 05/15/15 Work Order: 15-05-1156 Preparation: EPA 3510C Method: EPA 8015B (M) Units: ug/L
-----------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-4-I	15-05-1156-1-D	05/15/15 08:10	Aqueous	GC 46	05/19/15	05/19/15 13:05	150519B03

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	3000	1200	270	5.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	96	68-140	

<b>Method Blank</b>	<b>099-15-278-921</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 46</b>	<b>05/19/15</b>	<b>05/19/15 13:22</b>	<b>150519B03</b>
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	250	53	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	97	68-140	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-4-I	15-05-1156-1-D	05/15/15 08:10	Aqueous	GC 46	05/19/15	05/19/15 13:05	150519B02

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	1500	250	40	5.00	HD

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	96	68-140	

Method Blank	099-15-304-1043	N/A	Aqueous	GC 46	05/19/15	05/19/15 13:22	150519B02
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	ND	50	8.0	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	97	68-140	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-4-I	15-05-1156-1-A	05/15/15 08:10	Aqueous	GC 1	05/20/15	05/21/15 08:50	150520L059

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	71	38-134	

<b>Method Blank</b>	<b>099-12-022-3034</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 1</b>	<b>05/20/15</b>	<b>05/21/15 00:32</b>	<b>150520L059</b>
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	78	38-134	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-4-I	15-05-1156-1-G	05/15/15 08:10	Aqueous	ICP 7300	05/18/15	05/19/15 15:58	150518LA3A

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Copper	0.0364	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.310	0.0100	0.00352	1.00	

Method Blank	097-01-012-6195	N/A	Aqueous	ICP 7300	05/18/15	05/19/15 15:07	150518LA3A
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-4-I	15-05-1156-1-F	05/15/15 08:10	Aqueous	ICP 7300	05/18/15	05/19/15 15:57	150518LA6F

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0299	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.253	0.0100	0.00352	1.00	

Method Blank	099-14-304-445	N/A	Aqueous	ICP 7300	05/18/15	05/19/15 15:51	150518LA6F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.

600 Wilshire Boulevard, Suite 750

Los Angeles, CA 90017-3255

Project: Marina Del Rey Parking Lots 5 &amp; 7

Date Received:

05/15/15

Work Order:

15-05-1156

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
7-4-1	15-05-1156-1	05/15/15 08:10	Aqueous

Parameter	Results	RL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> )	50	4.0	2.00		mg/L	N/A	05/20/15	SM 2340C
Solids, Total Suspended	31	1.0	1.00		mg/L	05/19/15	05/19/15	SM 2540 D

Method Blank	N/A						Aqueous
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Parameter	Results	RL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> )	ND	2.0	1.00		mg/L	N/A	05/20/15	SM 2340C
Solids, Total Suspended	ND	1.0	1.00		mg/L	05/19/15	05/19/15	SM 2540 D


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-05-1102-1	Sample	Aqueous	GC 1	05/20/15	05/21/15 05:16	150520S033
15-05-1102-1	Matrix Spike	Aqueous	GC 1	05/20/15	05/21/15 05:52	150520S033
15-05-1102-1	Matrix Spike Duplicate	Aqueous	GC 1	05/20/15	05/21/15 06:28	150520S033

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics	ND	2000	2064	103	2063	103	68-122	0	0-18	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7

Project: Marina Del Rey Parking Lots 5 & 7 Page 2 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-05-1158-1	Sample	Aqueous	ICP 7300	05/18/15	05/19/15 15:18	150518SA3A
15-05-1158-1	Matrix Spike	Aqueous	ICP 7300	05/18/15	05/19/15 15:20	150518SA3A
15-05-1158-1	Matrix Spike Duplicate	Aqueous	ICP 7300	05/18/15	05/19/15 15:22	150518SA3A

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.5704	114	0.5889	118	80-120	3	0-20	
Lead	ND	0.5000	0.4856	97	0.4970	99	80-120	2	0-20	
Zinc	0.05206	0.5000	0.6028	110	0.6294	115	80-120	4	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 3 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-05-1102-3	Sample	Aqueous	ICP 7300	05/18/15	05/19/15 16:10	150518SA6
15-05-1102-3	Matrix Spike	Aqueous	ICP 7300	05/18/15	05/19/15 16:00	150518SA6
15-05-1102-3	Matrix Spike Duplicate	Aqueous	ICP 7300	05/18/15	05/19/15 16:01	150518SA6

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.5282	106	0.5300	106	80-120	0	0-20	
Lead	ND	0.5000	0.5357	107	0.5297	106	80-120	1	0-20	
Zinc	0.01528	0.5000	0.5986	117	0.6002	117	80-120	0	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2340C
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-05-0771-1	Sample	Aqueous	BUR21	N/A	05/20/15 14:02	F0520HARD1
15-05-0771-1	Sample Duplicate	Aqueous	BUR21	N/A	05/20/15 14:02	F0520HARD1
<u>Parameter</u>		<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Hardness, Total (as CaCO3)		283.0	282.0	0	0-25	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-05-1135-2	Sample	Aqueous	N/A	05/19/15 00:00	05/19/15 19:00	F0519TSSD2
15-05-1135-2	Sample Duplicate	Aqueous	N/A	05/19/15 00:00	05/19/15 19:00	F0519TSSD2

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Solids, Total Suspended	490.0	504.0	3	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-09-010-7175</b>	<b>LCS</b>	<b>Aqueous</b>	<b>N/A</b>	<b>05/19/15</b>	<b>05/19/15 19:00</b>	<b>F0519TSSL2</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Solids, Total Suspended		100.0	106.0	106	80-120	

Return to Contents

CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-15-278-921</b>	<b>LCS</b>	<b>Aqueous</b>	<b>GC 46</b>	<b>05/19/15</b>	<b>05/19/15 14:14</b>	<b>150519B03</b>

<u>Parameter</u>	<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
TPH as Motor Oil	2000	2105	105	75-117	

Return to Contents

CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
Project: Marina Del Rey Parking Lots 5 & 7		Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-15-304-1043</b>	<b>LCS</b>	<b>Aqueous</b>	<b>GC 46</b>	<b>05/19/15</b>	<b>05/19/15 13:39</b>	<b>150519B02</b>

<u>Parameter</u>	<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
TPH as Diesel	2000	2257	113	75-117	

Return to Contents

CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-12-022-3034</b>	<b>LCS</b>	<b>Aqueous</b>	<b>GC 1</b>	<b>05/20/15</b>	<b>05/20/15 23:56</b>	<b>150520L059</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Gasoline Range Organics		2000	2151	108	78-120	

Return to Contents

CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>097-01-012-6195</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>05/18/15</b>	<b>05/19/15 15:09</b>	<b>150518LA3A</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.4911	98	85-115	
Lead		0.5000	0.4965	99	85-115	
Zinc		0.5000	0.4819	96	85-115	

Return to Contents

CL: Control Limits





Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	05/15/15
600 Wilshire Boulevard, Suite 750	Work Order:	15-05-1156
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-14-304-445</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>05/18/15</b>	<b>05/19/15 15:53</b>	<b>150518LA6F</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.4949	99	85-115	
Lead		0.5000	0.4997	100	85-115	
Zinc		0.5000	0.4852	97	85-115	

Return to Contents

CL: Control Limits



Calscience

## Sample Analysis Summary Report

Work Order: 15-05-1156

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 200.7	N/A	935	ICP 7300	1
EPA 200.7	Filtered	935	ICP 7300	1
EPA 8015B	EPA 5030C	902	GC 1	2
EPA 8015B (M)	EPA 3510C	421	GC 46	1
EPA 8015B (M)	EPA 3510C	972	GC 46	1
SM 2340C	N/A	688	BUR21	1
SM 2540 D	N/A	689	N/A	1

  
Return to Contents

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Location 2: 7445 Lampson Avenue, Garden Grove, CA 92841



Calscience

## Glossary of Terms and Qualifiers

Work Order: 15-05-1156

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Return to Contents





Calscience

SAMPLE RECEIPT CHECKLIST

COOLER / OF /

CLIENT: \_\_\_\_\_

DATE: 05 / 15 / 2015

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.3°C); Temperature (w/o CF): \_\_\_\_\_ °C (w/ CF): \_\_\_\_\_ °C;  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature:  Air  Filter

Checked by: 876

CUSTODY SEAL:

Cooler  Present and Intact  Present but Not Intact  Not Present  N/A

Checked by: 876

Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A

Checked by: 876

SAMPLE CONDITION:

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input type="checkbox"/> Matrix <input type="checkbox"/> Number of containers			
<input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input type="checkbox"/> Dissolved Metals			
Container(s) for certain analysis free of headspace .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

(2)

(Trip Blank Lot Number: \_\_\_\_\_)

Aqueous:  VOA  VOAh  VOAna<sub>2</sub>  100PJ  100PJna<sub>2</sub>  125AGB  125AGBh  125AGBp  125PB

(4)

125PBz<sub>na</sub>  250AGB  250CGB  250CGBs  250PB  250PBn  500AGB  500AGJ  500AGJs

(2)

500PB  1AGB  1AGBna<sub>2</sub>  1AGBs  1PB  1PBna  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (\_\_\_\_)  EnCores® (\_\_\_\_)  TerraCores® (\_\_\_\_)  \_\_\_\_\_

Air:  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ Other Matrix (\_\_\_\_):  \_\_\_\_\_  \_\_\_\_\_

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO<sub>3</sub>, na = NaOH, na<sub>2</sub> = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, p = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: 876

s = H<sub>2</sub>SO<sub>4</sub>, u = ultra-pure, z<sub>na</sub> = Zn(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH

Reviewed by: 776

Return to Contents



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### Subcontractor Analysis Report

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Work Order: 15-05-1156

Page 1 of 1

---

One or more samples in this work order have tests that were subcontracted. The subcontract report(s) follows.

For subcontracted tests, please reference the laboratory information noted below.

1. Silliker Inc. - Cypress,CA CA ELAP 1534  
Microbiology

  
Return to Contents



**SILLIKER, Inc.**  
**Southern California Laboratory**  
 6360 Gateway Drive, Cypress, CA 90630  
 Tel. 209/ 549 7508 Fax. 714/ 226 0009

COA No:	SCA-38016856-0
Supersedes:	None
COA Date	5/21/15
Page 1 of 1	

**COPY TO:**  
 Mr. Stephen Nowak  
 Project Manager  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427


**ORIGINAL TO:**  
 Ms. Elizabeth Winger  
 Laboratory Director  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

Received From:	Garden Grove, CA
Received Date:	5/15/15
P.O.# / ID:	ElizabethWinger
Location of Test: (except where noted) Cypress, CA	

**Analytical Results**

<b>Desc. 1:</b>	Sample ID:7-4-I	<b>Laboratory ID:</b>	353282631
<b>Desc. 2:</b>	Date:05/15/15	<b>Condition Rec'd:</b>	NORMAL
<b>Desc. 3:</b>	Time:08:10	<b>Temp Rec'd (°C):</b>	2.0
<b>Desc. 4:</b>	Matrix:SW		
<b>Desc. 5:</b>	Project # :15-05-1156		
<b>Desc. 6:</b>	Date and Time Tested: 5/15/15; 1:00pm		

Analyte	Result	Units	Method Reference	Test Date	Loc.
Coliforms - 5 tube MPN	50	/100mL	SMEWW 20th ed. 9221B	5/19/15	
E. coli - 5 tube MPN	2	/100mL	SMEWW 20th ed. 9221F	5/21/15	
Enterococci - 5 tube MPN	130	/100mL	SMEWW 20th, 9230A-B	5/18/15	
Fecal Coliforms - 5 tube MPN	4	/100mL	SMEWW 20th ed. 9221E	5/19/15	

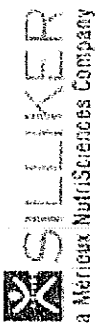
  
 \_\_\_\_\_  
 Jorge Hernandez Laboratory Director

Results reported herein are provided "as is" and are based solely upon samples as provided by client. This report may not be distributed or reproduced except in full. Client shall not at any time misrepresent the content of this report. Mérieux NutriSciences assumes no responsibility, and client hereby waives all claims against Mérieux NutriSciences, for interpretation of such results.  
 Except as otherwise stated, Mérieux NutriSciences Terms and Conditions for Testing Services apply.



**CALS-AD-22 Sample Analysis Request Form\*\*\*Wastewater/Stormwater Samples Only\*\*\***

<b>LOG IN INFORMATION</b>	<b>CLIENT INFORMATION</b>	<b>FOR SILLIKER USE ONLY - PLEASE INITIAL/DATE WHERE APPROPRIATE</b>
<b>Date Sent:</b>	<b>Eurofins Calscience Inc.</b> 7440 Lincoln Way Garden Grove, CA 92841-1432	<b>Received By:</b> _____ <b>Ship Via:</b> _____
<b>Submitter:</b> Client Complete Name & Phone #	<b>PRIMARY ACCOUNT CONTACT</b>	<b>Temperature Received:</b> _____ <b>Device Identification #:</b> _____
<b>Program:</b> CALS-27 (CALS-27) Eurofins Calscience Inc. - Wastewater/Seawater/Soil/ Sediments for Maricris Dela Rosa and Stephen Nowak	<b>Ms. Elizabeth Winger</b> 714-895-5494 ElizabethWinger@eurofinsus.com	<b>Technical Review (if applicable):</b> _____ <b>Clerical Review:</b> _____
<b>Received From:</b>		<b>Date/Time Received:</b> _____
<b>Eurofins Calscience Inc.:</b> Garden Grove, CA		
<b>PO #:</b> 15-05-1156		
<b>Special Instructions:</b>		



Southern California Laboratory  
6360 Gateway Drive  
Cypress, CA 90630

PHONE: RCS 877-331-0866  
FAX: 714-226-0009  
Cypress.samplereceiving@silliker.com

SAMPLE INFORMATION (Completed by Customer, please place an "X" in the columns for tests needed on each sample)		ATTACHMENT 8.2 EXHIBIT D																	
Client complete Matrix	Sample Description	Desc:1	Desc:2	Desc:3	Desc:4	Desc:5	Desc:6	Coliforms (COL-MPN5)	E. Coli (EC-MPN5)	Fecal Coliforms (FECAL-MPN5)	Enterococci (ENTROCOMPNS)	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	OTHER* CONTACT LAB FOR ADDITIONAL TESTING	
Sample ID: 7-4-1	Date: 05/15/15 Time: 08:10 Matrix: SW							X	X	X	X								

*Handwritten signature*

Please fax or email your completed SARF to your Silliker lab on the day you ship your samples. Include original with samples.  
Other\* - Contact your Client Service Representative to make additions or updates to the testing prior to submitting samples.



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**WORK ORDER NUMBER: 16-01-0123**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** CDM Smith Inc.

**Client Project Name:** Marina Del Rey Parking Lots 5 & 7

**Attention:** Tiffany Lin  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Approved for release on 01/12/2016 by:  
Stephen Nowak  
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



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# Contents

Client Project Name: Marina Del Rey Parking Lots 5 & 7  
Work Order Number: 16-01-0123

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Detections Summary. . . . .	5
4	Client Sample Data. . . . .	7
	4.1 EPA 8015B (M) TPH Motor Oil (Aqueous). . . . .	7
	4.2 EPA 8015B (M) TPH Diesel (Aqueous). . . . .	9
	4.3 EPA 8015B GRO (Aqueous). . . . .	11
	4.4 EPA 200.7 ICP Metals (Aqueous). . . . .	13
	4.5 EPA 200.7 ICP Metals (Aqueous). . . . .	15
	4.6 Combined Inorganic Tests. . . . .	17
5	Quality Control Sample Data. . . . .	19
	5.1 MS/MSD. . . . .	19
	5.2 Sample Duplicate. . . . .	22
	5.3 LCS/LCSD. . . . .	24
6	Sample Analysis Summary. . . . .	30
7	Glossary of Terms and Qualifiers. . . . .	31
8	Chain-of-Custody/Sample Receipt Form. . . . .	32
9	Subcontract Narrative. . . . .	37
10	Subcontract - Microbiology 16-01-0123. . . . .	38



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**Work Order Narrative**

Work Order: 16-01-0123

Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 01/05/16. They were assigned to Work Order 16-01-0123.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.





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## Sample Summary

Client: CDM Smith Inc. 600 Wilshire Boulevard, Suite 750 Los Angeles, CA 90017-3255	Work Order: 16-01-0123 Project Name: Marina Del Rey Parking Lots 5 & 7 PO Number: Date/Time Received: 01/05/16 13:45 Number of Containers: 34
-------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------

Attn: Tiffany Lin

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
5-2-I-G	16-01-0123-1	01/05/16 08:50	7	Aqueous
5-2-E-G	16-01-0123-2	01/05/16 09:15	7	Aqueous
5-2-E-G-D	16-01-0123-3	01/05/16 09:35	7	Aqueous
7-4-I	16-01-0123-4	01/05/16 08:28	7	Aqueous
Blank	16-01-0123-5	01/05/16 08:15	6	Aqueous

  
Return to Contents



Calscience

## Detections Summary

Client: CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Work Order: 16-01-0123  
Project Name: Marina Del Rey Parking Lots 5 & 7  
Received: 01/05/16

Attn: Tiffany Lin

Page 1 of 2

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
5-2-I-G (16-01-0123-1)						
Copper	0.0167		0.0100	mg/L	EPA 200.7	N/A
Lead	0.00703	J	0.00406*	mg/L	EPA 200.7	N/A
Zinc	0.0852		0.0100	mg/L	EPA 200.7	N/A
Copper	0.00488	J	0.00267*	mg/L	EPA 200.7	Filtered
Zinc	0.0333		0.0100	mg/L	EPA 200.7	Filtered
TPH as Motor Oil	630	HD	250	ug/L	EPA 8015B (M)	EPA 3510C
TPH as Diesel	310	HD	49	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	6.0		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	89		1.0	mg/L	SM 2540 D	N/A
5-2-E-G (16-01-0123-2)						
Copper	0.00741	J	0.00267*	mg/L	EPA 200.7	N/A
Zinc	0.0363		0.0100	mg/L	EPA 200.7	N/A
Copper	0.00485	J	0.00267*	mg/L	EPA 200.7	Filtered
Zinc	0.0178		0.0100	mg/L	EPA 200.7	Filtered
TPH as Motor Oil	410	HD	250	ug/L	EPA 8015B (M)	EPA 3510C
TPH as Diesel	220	HD	50	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	12		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	18		1.0	mg/L	SM 2540 D	N/A
5-2-E-G-D (16-01-0123-3)						
Copper	0.00739	J	0.00267*	mg/L	EPA 200.7	N/A
Zinc	0.0616		0.0100	mg/L	EPA 200.7	N/A
Copper	0.00736	J	0.00267*	mg/L	EPA 200.7	Filtered
Zinc	0.0164		0.0100	mg/L	EPA 200.7	Filtered
TPH as Motor Oil	410	HD	250	ug/L	EPA 8015B (M)	EPA 3510C
TPH as Diesel	230	HD	50	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	13		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	12		1.0	mg/L	SM 2540 D	N/A
7-4-I (16-01-0123-4)						
Copper	0.0204		0.0100	mg/L	EPA 200.7	N/A
Lead	0.00527	J	0.00406*	mg/L	EPA 200.7	N/A
Zinc	0.0946		0.0100	mg/L	EPA 200.7	N/A
Copper	0.0115		0.0100	mg/L	EPA 200.7	Filtered
Zinc	0.0559		0.0100	mg/L	EPA 200.7	Filtered
TPH as Motor Oil	1800	HD	250	ug/L	EPA 8015B (M)	EPA 3510C
TPH as Diesel	920	HD	50	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	8.0		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	51		1.0	mg/L	SM 2540 D	N/A

\* MDL is shown



Calscience

**Detections Summary**

Client: CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Work Order: 16-01-0123  
Project Name: Marina Del Rey Parking Lots 5 & 7  
Received: 01/05/16

Attn: Tiffany Lin

Page 2 of 2

Client SampleID

<u>Analyte</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>Units</u>	<u>Method</u>	<u>Extraction</u>
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Subcontracted analyses, if any, are not included in this summary.

Return to Contents

\* MDL is shown





Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I-G	16-01-0123-1-F	01/05/16 08:50	Aqueous	GC 48	01/06/16	01/06/16 17:15	160106B05

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	630	250	52	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	95	68-140	

5-2-E-G	16-01-0123-2-F	01/05/16 09:15	Aqueous	GC 48	01/06/16	01/06/16 17:30	160106B05
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	410	250	53	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	90	68-140	

5-2-E-G-D	16-01-0123-3-F	01/05/16 09:35	Aqueous	GC 48	01/06/16	01/06/16 17:46	160106B05
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	410	250	53	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	85	68-140	

7-4-I	16-01-0123-4-F	01/05/16 08:28	Aqueous	GC 48	01/06/16	01/06/16 18:01	160106B05
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	1800	250	53	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	82	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-15-278-1090</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 48</b>	<b>01/06/16</b>	<b>01/06/16 15:42</b>	<b>160106B05</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil	ND	250	53	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	97	68-140	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I-G	16-01-0123-1-F	01/05/16 08:50	Aqueous	GC 48	01/06/16	01/06/16 17:15	160106B04

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	310	49	7.8	1.00	HD

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	95	68-140	

5-2-E-G	16-01-0123-2-F	01/05/16 09:15	Aqueous	GC 48	01/06/16	01/06/16 17:30	160106B04
---------	----------------	-------------------	---------	-------	----------	-------------------	-----------

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	220	50	8.0	1.00	HD

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	90	68-140	

5-2-E-G-D	16-01-0123-3-F	01/05/16 09:35	Aqueous	GC 48	01/06/16	01/06/16 17:46	160106B04
-----------	----------------	-------------------	---------	-------	----------	-------------------	-----------

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	230	50	8.0	1.00	HD

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	85	68-140	

7-4-I	16-01-0123-4-F	01/05/16 08:28	Aqueous	GC 48	01/06/16	01/06/16 18:01	160106B04
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	920	50	8.0	1.00	HD

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	82	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-15-304-1277</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 48</b>	<b>01/06/16</b>	<b>01/06/16 15:42</b>	<b>160106B04</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	ND	50	8.0	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	97	68-140	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 &amp; 7

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I-G	16-01-0123-1-A	01/05/16 08:50	Aqueous	GC 56	01/06/16	01/06/16 13:46	160105L044

Comment(s): - Results were evaluated to the MDL (DL), concentrations &gt;= to the MDL (DL) but &lt; RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Gasoline Range Organics	ND	50	38	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	71	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-E-G	16-01-0123-2-A	01/05/16 09:15	Aqueous	GC 56	01/06/16	01/06/16 15:21	160105L044

Comment(s): - Results were evaluated to the MDL (DL), concentrations &gt;= to the MDL (DL) but &lt; RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Gasoline Range Organics	ND	50	38	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	70	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-E-G-D	16-01-0123-3-A	01/05/16 09:35	Aqueous	GC 56	01/06/16	01/06/16 15:52	160105L044

Comment(s): - Results were evaluated to the MDL (DL), concentrations &gt;= to the MDL (DL) but &lt; RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Gasoline Range Organics	ND	50	38	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	65	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-4-I	16-01-0123-4-A	01/05/16 08:28	Aqueous	GC 56	01/05/16	01/06/16 16:24	160105L044

Comment(s): - Results were evaluated to the MDL (DL), concentrations &gt;= to the MDL (DL) but &lt; RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Gasoline Range Organics	ND	50	38	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	66	38-134	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Blank</b>	<b>16-01-0123-5-A</b>	<b>01/05/16 08:15</b>	<b>Aqueous</b>	<b>GC 56</b>	<b>01/05/16</b>	<b>01/06/16 16:55</b>	<b>160105L044</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	69	38-134	

<b>Method Blank</b>	<b>099-12-022-3267</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 56</b>	<b>01/05/16</b>	<b>01/06/16 03:46</b>	<b>160105L044</b>
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	67	38-134	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I-G	16-01-0123-1-D	01/05/16 08:50	Aqueous	ICP 7300	01/06/16	01/08/16 13:38	160106LA6

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0167	0.0100	0.00267	1.00	
Lead	0.00703	0.0100	0.00406	1.00	J
Zinc	0.0852	0.0100	0.00352	1.00	

5-2-E-G	16-01-0123-2-D	01/05/16 09:15	Aqueous	ICP 7300	01/06/16	01/08/16 13:43	160106LA6
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00741	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0363	0.0100	0.00352	1.00	

5-2-E-G-D	16-01-0123-3-D	01/05/16 09:35	Aqueous	ICP 7300	01/06/16	01/08/16 13:44	160106LA6
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00739	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0616	0.0100	0.00352	1.00	

7-4-I	16-01-0123-4-D	01/05/16 08:28	Aqueous	ICP 7300	01/06/16	01/08/16 13:45	160106LA6
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0204	0.0100	0.00267	1.00	
Lead	0.00527	0.0100	0.00406	1.00	J
Zinc	0.0946	0.0100	0.00352	1.00	

Blank	16-01-0123-5-D	01/05/16 08:15	Aqueous	ICP 7300	01/06/16	01/08/16 13:06	160106LA6
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents





Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>097-01-012-6419</b>	<b>N/A</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>01/06/16</b>	<b>01/07/16 13:30</b>	<b>160106LA6</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I-G	16-01-0123-1-E	01/05/16 08:50	Aqueous	ICP 7300	01/07/16	01/08/16 13:31	160107LA7F

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00488	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0333	0.0100	0.00352	1.00	

5-2-E-G	16-01-0123-2-E	01/05/16 09:15	Aqueous	ICP 7300	01/07/16	01/08/16 13:32	160107LA7F
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Comment(s): - -  
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00485	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0178	0.0100	0.00352	1.00	

5-2-E-G-D	16-01-0123-3-E	01/05/16 09:35	Aqueous	ICP 7300	01/07/16	01/08/16 13:33	160107LA7F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00736	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0164	0.0100	0.00352	1.00	

7-4-I	16-01-0123-4-E	01/05/16 08:28	Aqueous	ICP 7300	01/07/16	01/08/16 13:35	160107LA7F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0115	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0559	0.0100	0.00352	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Blank</b>	<b>16-01-0123-5-E</b>	<b>01/05/16 08:15</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>01/07/16</b>	<b>01/08/16 13:05</b>	<b>160107LA7F</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

<b>Method Blank</b>	<b>099-14-304-503</b>	<b>N/A</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>01/07/16</b>	<b>01/08/16 13:02</b>	<b>160107LA7F</b>
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.

600 Wilshire Boulevard, Suite 750

Los Angeles, CA 90017-3255

Project: Marina Del Rey Parking Lots 5 &amp; 7

Date Received:

01/05/16

Work Order:

16-01-0123

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>5-2-I-G</b>	<b>16-01-0123-1</b>	<b>01/05/16 08:50</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> ) (24)	6.0	2.0	0.99	1.00		mg/L	N/A	01/09/16	SM 2340C
Solids, Total Suspended (24)	89	1.0	0.83	1.00		mg/L	01/07/16	01/07/16	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>5-2-E-G</b>	<b>16-01-0123-2</b>	<b>01/05/16 09:15</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> ) (24)	12	2.0	0.99	1.00		mg/L	N/A	01/09/16	SM 2340C
Solids, Total Suspended (24)	18	1.0	0.83	1.00		mg/L	01/07/16	01/07/16	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>5-2-E-G-D</b>	<b>16-01-0123-3</b>	<b>01/05/16 09:35</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> ) (24)	13	2.0	0.99	1.00		mg/L	N/A	01/09/16	SM 2340C
Solids, Total Suspended (24)	12	1.0	0.83	1.00		mg/L	01/07/16	01/07/16	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>7-4-I</b>	<b>16-01-0123-4</b>	<b>01/05/16 08:28</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> ) (24)	8.0	2.0	0.99	1.00		mg/L	N/A	01/09/16	SM 2340C
Solids, Total Suspended (24)	51	1.0	0.83	1.00		mg/L	01/07/16	01/07/16	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>Blank</b>	<b>16-01-0123-5</b>	<b>01/05/16 08:15</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> ) (24)	ND	2.0	0.99	1.00		mg/L	N/A	01/09/16	SM 2340C
Solids, Total Suspended (24)	ND	1.0	0.83	1.00		mg/L	01/07/16	01/07/16	SM 2540 D

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255		
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>Method Blank</b>		<b>N/A</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Results</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>
Hardness, Total (as CaCO3) (24)	ND	2.0	0.99	1.00		mg/L	N/A	01/09/16	SM 2340C
Solids, Total Suspended (24)	ND	1.0	0.83	1.00		mg/L	01/07/16	01/07/16	SM 2540 D

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
5-2-I-G	Sample	Aqueous	GC 56	01/06/16	01/06/16 13:46	160105S022
5-2-I-G	Matrix Spike	Aqueous	GC 56	01/06/16	01/06/16 14:18	160105S022
5-2-I-G	Matrix Spike Duplicate	Aqueous	GC 56	01/06/16	01/06/16 14:49	160105S022

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics	ND	2000	1738	87	1662	83	68-122	4	0-18	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7

Project: Marina Del Rey Parking Lots 5 & 7 Page 2 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
5-2-E-G-D	Sample	Aqueous	ICP 7300	01/06/16	01/08/16 13:44	160106SA6A
5-2-E-G-D	Matrix Spike	Aqueous	ICP 7300	01/06/16	01/08/16 13:36	160106SA6A
5-2-E-G-D	Matrix Spike Duplicate	Aqueous	ICP 7300	01/06/16	01/08/16 13:37	160106SA6A

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.5274	105	0.5102	102	80-120	3	0-20	
Lead	ND	0.5000	0.5476	110	0.5322	106	80-120	3	0-20	
Zinc	0.06162	0.5000	0.5690	101	0.5659	101	80-120	1	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7

Project: Marina Del Rey Parking Lots 5 & 7 Page 3 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
5-2-E-G	Sample	Aqueous	ICP 7300	01/07/16	01/08/16 13:32	160107SA7
5-2-E-G	Matrix Spike	Aqueous	ICP 7300	01/07/16	01/08/16 13:29	160107SA7
5-2-E-G	Matrix Spike Duplicate	Aqueous	ICP 7300	01/07/16	01/08/16 13:30	160107SA7

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.5646	113	0.5395	108	80-120	5	0-20	
Lead	ND	0.5000	0.5844	117	0.5429	109	80-120	7	0-20	
Zinc	0.01781	0.5000	0.5996	116	0.5738	111	80-120	4	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2340C
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-12-1083-1	Sample	Aqueous	BUR21	N/A	01/09/16 15:42	G0109HARD1
15-12-1083-1	Sample Duplicate	Aqueous	BUR21	N/A	01/09/16 15:42	G0109HARD1

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Hardness, Total (as CaCO3)	65.00	62.00	5	0-25	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
7-4-I	Sample	Aqueous	N/A	01/07/16 00:00	01/07/16 15:00	G0107TSSD3
7-4-I	Sample Duplicate	Aqueous	N/A	01/07/16 00:00	01/07/16 15:00	G0107TSSD3

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Solids, Total Suspended	51.40	54.80	6	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-010-7490	LCS	Aqueous	N/A	01/07/16	01/07/16 15:00	G0107TSSL3
099-09-010-7490	LCSD	Aqueous	N/A	01/07/16	01/07/16 15:00	G0107TSSL3

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Solids, Total Suspended	100.0	97.00	97	99.00	99	80-120	2	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
099-15-278-1090	LCS	Aqueous	GC 48	01/06/16	01/06/16 16:28	160106B05			
099-15-278-1090	LCSD	Aqueous	GC 48	01/06/16	01/06/16 16:44	160106B05			
<u>Parameter</u>	<u>Spike Added</u>	<u>LCS Conc.</u>	<u>LCS %Rec.</u>	<u>LCSD Conc.</u>	<u>LCSD %Rec.</u>	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
TPH as Motor Oil	2000	1998	100	1971	99	75-117	1	0-13	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc. 600 Wilshire Boulevard, Suite 750 Los Angeles, CA 90017-3255	Date Received: 01/05/16 Work Order: 16-01-0123 Preparation: EPA 3510C Method: EPA 8015B (M)
Project: Marina Del Rey Parking Lots 5 & 7	Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
099-15-304-1277	LCS	Aqueous	GC 48	01/06/16	01/06/16 15:57	160106B04			
099-15-304-1277	LCSD	Aqueous	GC 48	01/06/16	01/06/16 16:13	160106B04			
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	1871	94	1857	93	75-117	1	0-13	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-12-022-3267</b>	<b>LCS</b>	<b>Aqueous</b>	<b>GC 56</b>	<b>01/05/16</b>	<b>01/06/16 03:14</b>	<b>160105L044</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Gasoline Range Organics		2000	1808	90	78-120	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>097-01-012-6419</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>01/06/16</b>	<b>01/07/16 11:15</b>	<b>160106LA6</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.5186	104	85-115	
Lead		0.5000	0.5236	105	85-115	
Zinc		0.5000	0.5243	105	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	01/05/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0123
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-14-304-503</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>01/07/16</b>	<b>01/08/16 13:04</b>	<b>160107LA7F</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.5001	100	85-115	
Lead		0.5000	0.5051	101	85-115	
Zinc		0.5000	0.4957	99	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Sample Analysis Summary Report

Work Order: 16-01-0123

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 200.7	N/A	935	ICP 7300	1
EPA 200.7	Filtered	935	ICP 7300	1
EPA 8015B	EPA 5030C	933	GC 56	2
EPA 8015B (M)	EPA 3510C	682	GC 48	1
SM 2340C	N/A	688	BUR21	1
SM 2540 D	N/A	1035	N/A	1

  
Return to Contents

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Location 2: 7445 Lampson Avenue, Garden Grove, CA 92841



Calscience

## Glossary of Terms and Qualifiers

Work Order: 16-01-0123

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDS or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Return to Contents





Calscience

WORK ORDER NUMBER: 16-01-0123

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 2

CLIENT: CDM smith

DATE: 01 / 05 / 2016

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)  
 Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 3.7 °C (w/ CF): 4-0 °C;  Blank  Sample  
 Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)  
 Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling  
 Sample(s) received at ambient temperature; placed on ice for transport by courier  
 Ambient Temperature:  Air  Filter Checked by: 804

**CUSTODY SEAL:**  
 Cooler  Present and Intact  Present but Not Intact  Not Present  N/A Checked by: 804  
 Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A Checked by: 965

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input checked="" type="checkbox"/> Matrix <input checked="" type="checkbox"/> Number of containers			
<input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input checked="" type="checkbox"/> Dissolved Metals			
Container(s) for certain analysis free of headspace .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:** (Trip Blank Lot Number: \_\_\_\_\_)  
**Aqueous:**  VOA  VOAh  VOAna<sub>2</sub>  100PJ  100PJna<sub>2</sub>  125AGB  125AGBh  125AGBp  125PB  
 125PBz<sub>nna</sub>  250AGB  250CGB  250CGBs  250PB  250PBn  500AGB  500AGJ  500AGJs  
 500PB  1AGB  1AGBna<sub>2</sub>  1AGBs  1PB  1PBna  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  
**Solid:**  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (\_\_\_\_\_)  EnCores® (\_\_\_\_\_)  TerraCores® (\_\_\_\_\_)  \_\_\_\_\_  
**Air:**  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ **Other Matrix** (\_\_\_\_\_) :  \_\_\_\_\_  \_\_\_\_\_  
 Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag  
 Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO<sub>3</sub>, **na** = NaOH, **na<sub>2</sub>** = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, **p** = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: 965  
**s** = H<sub>2</sub>SO<sub>4</sub>, **u** = ultra-pure, **z<sub>nna</sub>** = Zn(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH Reviewed by: 681

(-1) thru (-4) received 7 containers  
(-5) received 6 containers

Return to Contents



Calscience

WORK ORDER NUMBER: 16-01-0123

SAMPLE RECEIPT CHECKLIST

COOLER 2 OF 2

CLIENT: CDM SMITH

DATE: 01 / 05 / 2016

TEMPERATURE: (Criteria: 0.0°C - 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 3.8 °C (w/ CF): 4.1 °C; [X] Blank [ ] Sample

[ ] Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)

[ ] Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

[ ] Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: [ ] Air [ ] Filter

Checked by: 804

CUSTODY SEAL:

Cooler [ ] Present and Intact [ ] Present but Not Intact [X] Not Present [ ] N/A

Checked by: 804

Sample(s) [ ] Present and Intact [ ] Present but Not Intact [X] Not Present [ ] N/A

Checked by: 965

SAMPLE CONDITION:

Table with 4 columns: Question, Yes, No, N/A. Rows include Chain-of-Custody (COC) document(s) received with samples, COC document(s) received complete, Sampler's name indicated on COC, Sample container label(s) consistent with COC, etc.

CONTAINER TYPE:

(Trip Blank Lot Number: \_\_\_\_\_)

Aqueous: [ ] VOA [X] VOAh [ ] VOAna2 [ ] 100PJ [ ] 100PJna2 [ ] 125AGB [ ] 125AGBh [ ] 125AGBp [ ] 125PB [ ] 125PBzanna [ ] 250AGB [ ] 250CGB [ ] 250CGBs [X] 250PB [X] 250PBn [ ] 500AGB [X] 500AGJ [ ] 500AGJs [ ] 500PB [ ] 1AGB [ ] 1AGBna2 [ ] 1AGBs [X] 1PB [ ] 1PBna [ ] [ ] [ ] [ ] [ ]

Solid: [ ] 4ozCGJ [ ] 8ozCGJ [ ] 16ozCGJ [ ] Sleeve (\_\_\_\_) [ ] EnCores® (\_\_\_\_) [ ] TerraCores® (\_\_\_\_) [ ] \_\_\_\_\_

Air: [ ] Tedlar™ [ ] Canister [ ] Sorbent Tube [ ] PUF [ ] \_\_\_\_\_ Other Matrix (\_\_\_\_): [ ] [ ] [ ]

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO3, na = NaOH, na2 = Na2S2O3, p = H3PO4, Labeled/Checked by: 965

s = H2SO4, u = ultra-pure, zanna = Zn(CH3CO2)2 + NaOH Reviewed by: 681

Return to Contents





**Stephen Nowak**

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**From:** Lin, Tiffany Y. [lnty@cdmsmith.com]  
**Sent:** Tuesday, January 05, 2016 4:08 PM  
**To:** Stephen Nowak  
**Subject:** RE: MDR COC

Ahh, sorry, yes, 7-4-I is correct.

Yes, I forgot we were missing one bottle for blank. The fuzzy time on 5-2-E labels should be 9:15.

Thanks.

---

**From:** Stephen Nowak [<mailto:StephenNowak@eurofinsUS.com>]  
**Sent:** Tuesday, January 05, 2016 4:06 PM  
**To:** Lin, Tiffany Y. <[lnty@cdmsmith.com](mailto:lnty@cdmsmith.com)>  
**Subject:** MDR COC

Tiffany- see attached COC and sample anomaly form.

Sample 7-2-I as listed on the COC is labeled 7-4-I on the bottles.

Which is correct?

Sample "Blank"- we didn't receive a bottle for diesel/MO/Carbon chain.

Stephen Nowak  
Project Manager



Eurofins Calscience, Inc.  
7440 Lincoln Way  
GARDEN GROVE, CA 92841  
USA  
Phone: +1 714 895 5494

Email: [StephenNowak@EurofinsUS.com](mailto:StephenNowak@EurofinsUS.com)  
Website: [www.calscience.com](http://www.calscience.com)

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Calscience

### Subcontractor Analysis Report

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Work Order: 16-01-0123

Page 1 of 1

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One or more samples in this work order have tests that were subcontracted. The subcontract report(s) follows.

For subcontracted tests, please reference the laboratory information noted below.

1. Silliker Inc. - Cypress,CA CA ELAP 1534  
Microbiology

  
Return to Contents



**SILLIKER, Inc.**  
**Southern California Laboratory**  
 6360 Gateway Drive, Cypress, CA 90630  
 Tel. 209/ 549 7508 Fax. 714/ 226 0009

<b>COA No:</b>	SCA-38645188-0
<b>Supersedes:</b>	None
<b>COA Date</b>	1/11/16
<b>Page 1 of 2</b>	

**COPY TO:**  
 Mr. Stephen Nowak  
 Project Manager  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

**ORIGINAL TO:**  
 Ms. Elizabeth Winger  
 Laboratory Director  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

<b>Received From:</b>	Garden Grove, CA
<b>Received Date:</b>	1/5/16
<b>P.O.# / ID:</b>	Stephen Nowak
<b>Location of Test: (except where noted)</b> Cypress, CA	

**Analytical Results**

**Desc. 1:** Sample ID:5-2-I-G **Laboratory ID:** 358077352  
**Desc. 2:** Date:01/05/16 **Condition Rec'd:** NORMAL  
**Desc. 3:** Time:08:50 **Temp Rec'd (°C):** 3.1  
**Desc. 4:** Matrix:WW  
**Desc. 5:** Project # :16-01-0123  
**Desc. 6:** Date and Time Tested:01/05/16 2:52PM

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	300	/100mL	SMEWW 20th ed. 9221B	1/9/16	
E. coli - 5 tube MPN	220	/100mL	SMEWW 20th ed. 9221F	1/11/16	
Enterococci - 5 tube MPN	34	/100mL	SMEWW 20th, 9230A-B	1/8/16	
Fecal Coliforms - 5 tube MPN	800	/100mL	SMEWW 20th ed. 9221E	1/9/16	

**Desc. 1:** Sample ID:5-2-E-G **Laboratory ID:** 358077353  
**Desc. 2:** Date:01/05/16 **Condition Rec'd:** NORMAL  
**Desc. 3:** Time:09:15 **Temp Rec'd (°C):** 3.1  
**Desc. 4:** Matrix:WW  
**Desc. 5:** Project # :16-01-0123  
**Desc. 6:** Date and Time Tested:01/05/16 2:52PM

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	1300	/100mL	SMEWW 20th ed. 9221B	1/9/16	
E. coli - 5 tube MPN	9.1	/100mL	SMEWW 20th ed. 9221F	1/11/16	
Enterococci - 5 tube MPN	300	/100mL	SMEWW 20th, 9230A-B	1/8/16	
Fecal Coliforms - 5 tube MPN	800	/100mL	SMEWW 20th ed. 9221E	1/9/16	

**Desc. 1:** Sample ID:5-2-E-G-D **Laboratory ID:** 358077354  
**Desc. 2:** Date:01/05/16 **Condition Rec'd:** NORMAL  
**Desc. 3:** Time:09:35 **Temp Rec'd (°C):** 3.1  
**Desc. 4:** Matrix:WW  
**Desc. 5:** Project # :16-01-0123  
**Desc. 6:** Date and Time Tested:01/05/16 2:52PM

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	2300	/100mL	SMEWW 20th ed. 9221B	1/9/16	
E. coli - 5 tube MPN	14	/100mL	SMEWW 20th ed. 9221F	1/11/16	
Enterococci - 5 tube MPN	230	/100mL	SMEWW 20th, 9230A-B	1/8/16	
Fecal Coliforms - 5 tube MPN	280	/100mL	SMEWW 20th ed. 9221E	1/9/16	

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Except as otherwise stated, Mériex NutriSciences Terms and Conditions for Testing Services apply.

Return to Contents



**SILLIKER, Inc.**  
**Southern California Laboratory**  
 6360 Gateway Drive, Cypress, CA 90630  
 Tel. 209/ 549 7508 Fax. 714/ 226 0009

<b>COA No:</b>	SCA-38645188-0
<b>Supersedes:</b>	None
<b>COA Date</b>	1/11/16
<b>Page 2 of 2</b>	

**COPY TO:**  
 Mr. Stephen Nowak  
 Project Manager  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

**ORIGINAL TO:**  
 Ms. Elizabeth Winger  
 Laboratory Director  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

<b>Received From:</b>	Garden Grove, CA
<b>Received Date:</b>	1/5/16
<b>P.O.# / ID:</b>	Stephen Nowak
<b>Location of Test: (except where noted)</b> Cypress, CA	


**Analytical Results**

**Desc. 1:** Sample ID:7-4-1 **Laboratory ID:** 358077355  
**Desc. 2:** Date:01/05/16 **Condition Rec'd:** NORMAL  
**Desc. 3:** Time:08:28 **Temp Rec'd (°C):** 3.1  
**Desc. 4:** Matrix:WW  
**Desc. 5:** Project # :16-01-0123  
**Desc. 6:** Date and Time Tested:01/05/16 2:52PM

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	3000	/100mL	SMEWW 20th ed. 9221B	1/9/16	
E. coli - 5 tube MPN	7	/100mL	SMEWW 20th ed. 9221F	1/11/16	
Enterococci - 5 tube MPN	130	/100mL	SMEWW 20th, 9230A-B	1/8/16	
Fecal Coliforms - 5 tube MPN	80	/100mL	SMEWW 20th ed. 9221E	1/9/16	

**Desc. 1:** Sample ID:Blank **Laboratory ID:** 358077356  
**Desc. 2:** Date:01/05/16 **Condition Rec'd:** NORMAL  
**Desc. 3:** Time:08:15 **Temp Rec'd (°C):** 3.1  
**Desc. 4:** Matrix:WW  
**Desc. 5:** Project # :16-01-0123  
**Desc. 6:** Date and Time Tested:01/05/16 2:52PM

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221B	1/7/16	
E. coli - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221F	1/7/16	
Enterococci - 5 tube MPN	<2	/100mL	SMEWW 20th, 9230A-B	1/7/16	
Fecal Coliforms - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221E	1/7/16	

  
 Helen Andrews Laboratory Director

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Except as otherwise stated, Mérioux NutriSciences Terms and Conditions for Testing Services apply.



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**WORK ORDER NUMBER: 16-01-0417**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** CDM Smith Inc.

**Client Project Name:** Marina Del Rey Parking Lots 5 & 7

**Attention:** Tiffany Lin  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Approved for release on 01/19/2016 by:  
Stephen Nowak  
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



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# Contents

Client Project Name: Marina Del Rey Parking Lots 5 & 7  
Work Order Number: 16-01-0417

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Detections Summary. . . . .	5
4	Client Sample Data. . . . .	6
	4.1 EPA 200.7 ICP Metals (Aqueous). . . . .	6
	4.2 EPA 200.7 ICP Metals (Aqueous). . . . .	7
	4.3 Combined Inorganic Tests. . . . .	8
5	Quality Control Sample Data. . . . .	9
	5.1 MS/MSD. . . . .	9
	5.2 PDS/PDSD. . . . .	11
	5.3 Sample Duplicate. . . . .	12
	5.4 LCS/LCSD. . . . .	14
6	Sample Analysis Summary. . . . .	17
7	Glossary of Terms and Qualifiers. . . . .	18
8	Chain-of-Custody/Sample Receipt Form. . . . .	19





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**Work Order Narrative**

Work Order: 16-01-0417

Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 01/07/16. They were assigned to Work Order 16-01-0417.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



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**Sample Summary**

---

Client: CDM Smith Inc. 600 Wilshire Boulevard, Suite 750 Los Angeles, CA 90017-3255	Work Order: 16-01-0417 Project Name: Marina Del Rey Parking Lots 5 & 7 PO Number: Date/Time Received: 01/07/16 15:00 Number of Containers: 16
-------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------

Attn: Tiffany Lin

---

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
5-2-I	16-01-0417-1	01/07/16 11:00	7	Aqueous
5-2-E	16-01-0417-2	01/07/16 11:00	9	Aqueous

Return to Contents 



Calscience

## Detections Summary

Client: CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Work Order: 16-01-0417  
Project Name: Marina Del Rey Parking Lots 5 & 7  
Received: 01/07/16

Attn: Tiffany Lin

Page 1 of 1

Client SampleID

<u>Analyte</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>Units</u>	<u>Method</u>	<u>Extraction</u>
5-2-I (16-01-0417-1)						
Copper	0.00492	J	0.00267*	mg/L	EPA 200.7	N/A
Zinc	0.0348	B	0.0100	mg/L	EPA 200.7	N/A
Copper	0.00401	J	0.00267*	mg/L	EPA 200.7	Filtered
Zinc	0.0311		0.0100	mg/L	EPA 200.7	Filtered
Solids, Total Suspended	6.0		1.0	mg/L	SM 2540 D	N/A
5-2-E (16-01-0417-2)						
Copper	0.00424	J	0.00267*	mg/L	EPA 200.7	N/A
Zinc	0.0187	B	0.0100	mg/L	EPA 200.7	N/A
Copper	0.00282	J	0.00267*	mg/L	EPA 200.7	Filtered
Zinc	0.0161		0.0100	mg/L	EPA 200.7	Filtered
Hardness, Total (as CaCO <sub>3</sub> )	8.0		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	5.4		1.0	mg/L	SM 2540 D	N/A

Subcontracted analyses, if any, are not included in this summary.


  
Return to Contents

\* MDL is shown



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### Analytical Report

CDM Smith Inc.	Date Received:	01/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0417
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	16-01-0417-1-A	01/07/16 11:00	Aqueous	ICP 7300	01/08/16	01/14/16 17:25	160108LA3

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00492	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0348	0.0100	0.00352	1.00	B

5-2-E	16-01-0417-2-A	01/07/16 11:00	Aqueous	ICP 7300	01/08/16	01/14/16 17:26	160108LA3
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Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00424	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0187	0.0100	0.00352	1.00	B

Method Blank	097-01-012-6424	N/A	Aqueous	ICP 7300	01/08/16	01/11/16 14:51	160108LA3
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Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.00597	0.0100	0.00352	1.00	J

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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### Analytical Report

CDM Smith Inc.	Date Received:	01/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0417
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I	16-01-0417-1-B	01/07/16 11:00	Aqueous	ICP 7300	01/08/16	01/14/16 17:27	160107LA7F

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00401	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	

5-2-I	16-01-0417-1-B	01/07/16 11:00	Aqueous	ICP 7300	01/08/16	01/15/16 12:57	160107LA7F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Zinc	0.0311	0.0100	0.00352	1.00	

5-2-E	16-01-0417-2-B	01/07/16 11:00	Aqueous	ICP 7300	01/08/16	01/14/16 17:28	160107LA7F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00282	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0161	0.0100	0.00352	1.00	

Method Blank	099-14-304-503	N/A	Aqueous	ICP 7300	01/07/16	01/08/16 13:02	160107LA7F
--------------	----------------	-----	---------	----------	----------	-------------------	------------

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

CDM Smith Inc.

600 Wilshire Boulevard, Suite 750

Los Angeles, CA 90017-3255

Project: Marina Del Rey Parking Lots 5 &amp; 7

Date Received:

01/07/16

Work Order:

16-01-0417

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
5-2-I	16-01-0417-1	01/07/16 11:00	Aqueous

Parameter	Results	RL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> )	ND	2.0	1.00		mg/L	N/A	01/15/16	SM 2340C
Solids, Total Suspended	6.0	1.0	1.00		mg/L	01/13/16	01/13/16	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
5-2-E	16-01-0417-2	01/07/16 11:00	Aqueous

Parameter	Results	RL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> )	8.0	2.0	1.00		mg/L	N/A	01/15/16	SM 2340C
Solids, Total Suspended	5.4	1.0	1.00		mg/L	01/13/16	01/13/16	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
Method Blank		N/A	Aqueous

Parameter	Results	RL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> )	ND	2.0	1.00		mg/L	N/A	01/15/16	SM 2340C
Solids, Total Suspended	ND	1.0	1.00		mg/L	01/13/16	01/13/16	SM 2540 D

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	01/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0417
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-01-0317-2	Sample	Aqueous	ICP 7300	01/08/16	01/12/16 12:28	160108SA3
16-01-0317-2	Matrix Spike	Aqueous	ICP 7300	01/08/16	01/12/16 12:29	160108SA3
16-01-0317-2	Matrix Spike Duplicate	Aqueous	ICP 7300	01/08/16	01/12/16 12:34	160108SA3

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.5323	106	0.4911	98	80-120	8	0-20	
Lead	ND	0.5000	0.5452	109	0.5118	102	80-120	6	0-20	
Zinc	ND	0.5000	0.5977	120	0.5659	113	80-120	5	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





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Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	01/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0417
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-01-0123-2	Sample	Aqueous	ICP 7300	01/07/16	01/08/16 13:32	160107SA7
16-01-0123-2	Matrix Spike	Aqueous	ICP 7300	01/07/16	01/08/16 13:29	160107SA7
16-01-0123-2	Matrix Spike Duplicate	Aqueous	ICP 7300	01/07/16	01/08/16 13:30	160107SA7

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.5646	113	0.5395	108	80-120	5	0-20	
Lead	ND	0.5000	0.5844	117	0.5429	109	80-120	7	0-20	
Zinc	0.01781	0.5000	0.5996	116	0.5738	111	80-120	4	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - PDS

CDM Smith Inc.	Date Received:	01/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0417
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-01-0317-2	Sample	Aqueous	ICP 7300	01/08/16 00:00	01/12/16 12:28	160108SA3
16-01-0317-2	PDS	Aqueous	ICP 7300	01/08/16 00:00	01/12/16 12:35	160108SA3

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Copper	ND	0.5000	0.4696	94	75-125	
Lead	ND	0.5000	0.4795	96	75-125	
Zinc	ND	0.5000	0.5165	103	75-125	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	01/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0417
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2340C

Project: Marina Del Rey Parking Lots 5 & 7 Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-01-0466-4	Sample	Aqueous	BUR21	N/A	01/15/16 19:26	G0115HARD1
16-01-0466-4	Sample Duplicate	Aqueous	BUR21	N/A	01/15/16 19:26	G0115HARD1

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Hardness, Total (as CaCO3)	87.00	87.00	0	0-25	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	01/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0417
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-01-0786-3	Sample	Aqueous	N/A	01/13/16 00:00	01/13/16 19:15	G0113TSSD3
16-01-0786-3	Sample Duplicate	Aqueous	N/A	01/13/16 00:00	01/13/16 19:15	G0113TSSD3

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Solids, Total Suspended	836.0	896.0	7	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - LCS/LCSD

CDM Smith Inc.	Date Received:	01/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0417
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D

Project: Marina Del Rey Parking Lots 5 & 7 Page 1 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-010-7505	LCS	Aqueous	N/A	01/13/16	01/13/16 19:15	G0113TSSL3
099-09-010-7505	LCSD	Aqueous	N/A	01/13/16	01/13/16 19:15	G0113TSSL3

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Solids, Total Suspended	100.0	103.0	103	97.00	97	80-120	6	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	01/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0417
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>097-01-012-6424</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>01/08/16</b>	<b>01/11/16 14:53</b>	<b>160108LA3</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.5081	102	85-115	
Lead		0.5000	0.5289	106	85-115	
Zinc		0.5000	0.5064	101	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - LCS

CDM Smith Inc.	Date Received:	01/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-01-0417
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 3 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-14-304-503</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>01/07/16</b>	<b>01/08/16 13:04</b>	<b>160107LA7F</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.5001	100	85-115	
Lead		0.5000	0.5051	101	85-115	
Zinc		0.5000	0.4957	99	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





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## Sample Analysis Summary Report

Work Order: 16-01-0417

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 200.7	N/A	935	ICP 7300	1
EPA 200.7	Filtered	935	ICP 7300	1
SM 2340C	N/A	688	BUR21	1
SM 2540 D	N/A	1009	N/A	1

  
Return to Contents

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841



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## Glossary of Terms and Qualifiers

Work Order: 16-01-0417

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.





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WORK ORDER NUMBER: 16-01-0417

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: CDM SMITH

DATE: 01 / 07 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 2.7 °C (w/ CF): 3.0 °C; [X] Blank [ ] Sample

[ ] Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)

[ ] Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

[ ] Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: [ ] Air [ ] Filter

Checked by: 803

CUSTODY SEAL:

Cooler [ ] Present and Intact [ ] Present but Not Intact [X] Not Present [ ] N/A

Checked by: 803

Sample(s) [ ] Present and Intact [ ] Present but Not Intact [X] Not Present [ ] N/A

Checked by: 1017

SAMPLE CONDITION:

Chain-of-Custody (COC) document(s) received with samples [X] Yes [ ] No [ ] N/A

COC document(s) received complete [X] Yes [ ] No [ ] N/A

[ ] Sampling date [ ] Sampling time [ ] Matrix [ ] Number of containers

[ ] No analysis requested [ ] Not relinquished [ ] No relinquished date [ ] No relinquished time

Sampler's name indicated on COC [X] Yes [ ] No [ ] N/A

Sample container label(s) consistent with COC [X] Yes [ ] No [ ] N/A

Sample container(s) intact and in good condition [X] Yes [ ] No [ ] N/A

Proper containers for analyses requested [X] Yes [ ] No [ ] N/A

Sufficient volume/mass for analyses requested [X] Yes [ ] No [ ] N/A

Samples received within holding time [X] Yes [ ] No [ ] N/A

Aqueous samples for certain analyses received within 15-minute holding time

[ ] pH [ ] Residual Chlorine [ ] Dissolved Sulfide [ ] Dissolved Oxygen [ ] N/A

Proper preservation chemical(s) noted on COC and/or sample container [X] Yes [ ] No [ ] N/A

Unpreserved aqueous sample(s) received for certain analyses

[ ] Volatile Organics [ ] Total Metals [ ] Dissolved Metals

Container(s) for certain analysis free of headspace [ ] Yes [ ] No [X] N/A

[ ] Volatile Organics [ ] Dissolved Gases (RSK-175) [ ] Dissolved Oxygen (SM 4500)

[ ] Carbon Dioxide (SM 4500) [ ] Ferrous Iron (SM 3500) [ ] Hydrogen Sulfide (Hach)

Tedlar™ bag(s) free of condensation [ ] Yes [ ] No [X] N/A

CONTAINER TYPE:

(Trip Blank Lot Number: \_\_\_\_\_)

Aqueous: [ ] VOA [ ] VOA<sub>h</sub> [ ] VOA<sub>na2</sub> [ ] 100PJ [ ] 100PJ<sub>na2</sub> [ ] 125AGB [ ] 125AGB<sub>h</sub> [ ] 125AGB<sub>p</sub> [ ] 125PB

[ ] 125PB<sub>z</sub> [ ] 250AGB [ ] 250CGB [ ] 250CGB<sub>s</sub> [X] 250PB [X] 250PB<sub>n</sub> [ ] 500AGB [ ] 500AGJ [ ] 500AGJ<sub>s</sub>

[ ] 500PB [ ] 1AGB [ ] 1AGB<sub>na2</sub> [ ] 1AGB<sub>s</sub> [X] 1PB [ ] 1PB<sub>na</sub> [ ] \_\_\_\_\_ [ ] \_\_\_\_\_ [ ] \_\_\_\_\_ [ ] \_\_\_\_\_

Solid: [ ] 4ozCGJ [ ] 8ozCGJ [ ] 16ozCGJ [ ] Sleeve (\_\_\_\_\_) [ ] EnCores® (\_\_\_\_\_) [ ] TerraCores® (\_\_\_\_\_) [ ] \_\_\_\_\_

Air: [ ] Tedlar™ [ ] Canister [ ] Sorbent Tube [ ] PUF [ ] \_\_\_\_\_ Other Matrix (\_\_\_\_): [ ] \_\_\_\_\_ [ ] \_\_\_\_\_

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO<sub>3</sub>, na = NaOH, na<sub>2</sub> = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, p = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: 1017

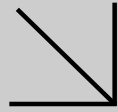
s = H<sub>2</sub>SO<sub>4</sub>, u = ultra-pure, z<sub>na</sub> = Zn(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH

Reviewed by: 681

Return to Contents



Calscience



**WORK ORDER NUMBER: 16-03-0415**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** CDM Smith Inc.

**Client Project Name:** Marina Del Rey Parking Lots 5 & 7

**Attention:** Tiffany Lin  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Approved for release on 03/15/2016 by:  
Stephen Nowak  
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



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# Contents

Client Project Name: Marina Del Rey Parking Lots 5 & 7  
Work Order Number: 16-03-0415

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Detections Summary. . . . .	5
4	Client Sample Data. . . . .	6
	4.1 EPA 8015B (M) TPH Diesel (Aqueous). . . . .	6
	4.2 EPA 8015B GRO (Aqueous). . . . .	7
	4.3 EPA 200.7 ICP Metals (Aqueous). . . . .	8
	4.4 EPA 200.7 ICP Metals (Aqueous). . . . .	9
	4.5 Combined Inorganic Tests. . . . .	10
5	Quality Control Sample Data. . . . .	11
	5.1 MS/MSD. . . . .	11
	5.2 Sample Duplicate. . . . .	14
	5.3 LCS/LCSD. . . . .	16
6	Sample Analysis Summary. . . . .	21
7	Glossary of Terms and Qualifiers. . . . .	22
8	Chain-of-Custody/Sample Receipt Form. . . . .	23





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**Work Order Narrative**

Work Order: 16-03-0415

Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 03/07/16. They were assigned to Work Order 16-03-0415.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.







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### Sample Summary

Client: CDM Smith Inc. 600 Wilshire Boulevard, Suite 750 Los Angeles, CA 90017-3255	Work Order: 16-03-0415 Project Name: Marina Del Rey Parking Lots 5 & 7 PO Number: Date/Time Received: 03/07/16 11:30 Number of Containers: 14
-------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------

Attn: Tiffany Lin

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
7-4-I	16-03-0415-1	03/05/16 00:15	7	Aqueous
7-4-I-Dup	16-03-0415-2	03/05/16 00:26	7	Aqueous

Return to Contents 



Calscience

## Detections Summary

Client: CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Work Order: 16-03-0415  
Project Name: Marina Del Rey Parking Lots 5 & 7  
Received: 03/07/16

Attn: Tiffany Lin

Page 1 of 1

Client SampleID

<u>Analyte</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>Units</u>	<u>Method</u>	<u>Extraction</u>
7-4-I (16-03-0415-1)						
Copper	0.0392		0.0100	mg/L	EPA 200.7	N/A
Lead	0.00844	J	0.00406*	mg/L	EPA 200.7	N/A
Zinc	0.215		0.0100	mg/L	EPA 200.7	N/A
Copper	0.0229		0.0100	mg/L	EPA 200.7	Filtered
Zinc	0.176		0.0100	mg/L	EPA 200.7	Filtered
TPH as Diesel	1100	HD	240	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	27		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	30		1.0	mg/L	SM 2540 D	N/A
7-4-I-Dup (16-03-0415-2)						
Copper	0.0415		0.0100	mg/L	EPA 200.7	N/A
Lead	0.00560	J	0.00406*	mg/L	EPA 200.7	N/A
Zinc	0.239		0.0100	mg/L	EPA 200.7	N/A
Copper	0.0225		0.0100	mg/L	EPA 200.7	Filtered
Zinc	0.175		0.0100	mg/L	EPA 200.7	Filtered
TPH as Diesel	1500	HD	240	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	26		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	36		1.0	mg/L	SM 2540 D	N/A

Subcontracted analyses, if any, are not included in this summary.

\* MDL is shown



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### Analytical Report

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-4-I	16-03-0415-1-F	03/05/16 00:15	Aqueous	GC 45	03/09/16	03/09/16 22:18	160309B04

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	1100	240	38	5.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	98	68-140	

7-4-I-Dup	16-03-0415-2-F	03/05/16 00:26	Aqueous	GC 45	03/09/16	03/09/16 22:35	160309B04
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	1500	240	38	5.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	110	68-140	

Method Blank	099-15-304-1344	N/A	Aqueous	GC 45	03/09/16	03/10/16 09:52	160309B04
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	50	8.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	107	68-140	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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### Analytical Report

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-4-I	16-03-0415-1-B	03/05/16 00:15	Aqueous	GC 1	03/08/16	03/08/16 18:37	160308L046

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	68	38-134	

7-4-I-Dup	16-03-0415-2-B	03/05/16 00:26	Aqueous	GC 1	03/08/16	03/08/16 20:24	160308L046
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	68	38-134	

Method Blank	099-12-022-3330	N/A	Aqueous	GC 1	03/08/16	03/08/16 15:04	160308L046
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	73	38-134	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-4-I	16-03-0415-1-C	03/05/16 00:15	Aqueous	ICP 7300	03/08/16	03/09/16 10:42	160308LA4

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0392	0.0100	0.00267	1.00	
Lead	0.00844	0.0100	0.00406	1.00	J
Zinc	0.215	0.0100	0.00352	1.00	

7-4-I-Dup	16-03-0415-2-C	03/05/16 00:26	Aqueous	ICP 7300	03/08/16	03/09/16 10:43	160308LA4
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0415	0.0100	0.00267	1.00	
Lead	0.00560	0.0100	0.00406	1.00	J
Zinc	0.239	0.0100	0.00352	1.00	

Method Blank	097-01-012-6492	N/A	Aqueous	ICP 7300	03/08/16	03/08/16 21:57	160308LA4
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-4-I	16-03-0415-1-C	03/05/16 00:15	Aqueous	ICP 7300	03/09/16	03/14/16 13:45	160309LA5F

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0229	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.176	0.0100	0.00352	1.00	

7-4-I-Dup	16-03-0415-2-C	03/05/16 00:26	Aqueous	ICP 7300	03/09/16	03/14/16 13:46	160309LA5F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0225	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.175	0.0100	0.00352	1.00	

Method Blank	099-14-304-513	N/A	Aqueous	ICP 7300	03/09/16	03/10/16 09:59	160309LA5F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.

600 Wilshire Boulevard, Suite 750

Los Angeles, CA 90017-3255

Project: Marina Del Rey Parking Lots 5 &amp; 7

Date Received:

03/07/16

Work Order:

16-03-0415

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>7-4-I</b>	<b>16-03-0415-1</b>	<b>03/05/16 00:15</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> ) (24)	27	2.0	0.99	1.00		mg/L	N/A	03/08/16	SM 2340C
Solids, Total Suspended (24)	30	1.0	0.83	1.00		mg/L	03/09/16	03/09/16	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>7-4-I-Dup</b>	<b>16-03-0415-2</b>	<b>03/05/16 00:26</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> ) (24)	26	2.0	0.99	1.00		mg/L	N/A	03/08/16	SM 2340C
Solids, Total Suspended (24)	36	1.0	0.83	1.00		mg/L	03/09/16	03/09/16	SM 2540 D

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix
<b>Method Blank</b>		<b>N/A</b>	<b>Aqueous</b>

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Results	RL	MDL	DF	Qualifiers	Units	Date Prepared	Date Analyzed	Method
Hardness, Total (as CaCO <sub>3</sub> ) (24)	ND	2.0	0.99	1.00		mg/L	N/A	03/08/16	SM 2340C
Solids, Total Suspended (24)	ND	1.0	0.83	1.00		mg/L	03/09/16	03/09/16	SM 2540 D

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





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Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
7-4-I	Sample	Aqueous	GC 1	03/08/16	03/08/16 18:37	160308S023
7-4-I	Matrix Spike	Aqueous	GC 1	03/08/16	03/08/16 19:13	160308S023
7-4-I	Matrix Spike Duplicate	Aqueous	GC 1	03/08/16	03/08/16 19:48	160308S023

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics	ND	2000	1707	85	1704	85	68-122	0	0-18	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7

Project: Marina Del Rey Parking Lots 5 & 7 Page 2 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-03-0453-1	Sample	Aqueous	ICP 7300	03/08/16	03/08/16 22:17	160308SA4A
16-03-0453-1	Matrix Spike	Aqueous	ICP 7300	03/08/16	03/08/16 22:18	160308SA4A
16-03-0453-1	Matrix Spike Duplicate	Aqueous	ICP 7300	03/08/16	03/08/16 22:20	160308SA4A

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	0.06453	0.5000	0.5627	100	0.5580	99	80-120	1	0-20	
Lead	0.03572	0.5000	0.5567	104	0.5493	103	80-120	1	0-20	
Zinc	0.5989	0.5000	1.104	101	1.080	96	80-120	2	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 3 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-03-0531-1	Sample	Aqueous	ICP 7300	03/09/16	03/10/16 11:20	160309SA5
16-03-0531-1	Matrix Spike	Aqueous	ICP 7300	03/09/16	03/10/16 11:23	160309SA5
16-03-0531-1	Matrix Spike Duplicate	Aqueous	ICP 7300	03/09/16	03/10/16 11:24	160309SA5

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.6254	125	0.5675	114	80-120	10	0-20	3
Lead	ND	0.5000	0.6293	126	0.5719	114	80-120	10	0-20	3
Zinc	0.05287	0.5000	0.7024	130	0.6513	120	80-120	8	0-20	3

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2340C
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-03-0355-1	Sample	Aqueous	BUR21	N/A	03/08/16 19:00	G0308HARD1
16-03-0355-1	Sample Duplicate	Aqueous	BUR21	N/A	03/08/16 19:00	G0308HARD1

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Hardness, Total (as CaCO3)	114.0	115.0	1	0-25	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
7-4-I	Sample	Aqueous	N/A	03/09/16 00:00	03/09/16 18:30	G0309TSSD3
7-4-I	Sample Duplicate	Aqueous	N/A	03/09/16 00:00	03/09/16 18:30	G0309TSSD3

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Solids, Total Suspended	29.75	31.50	6	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc. 600 Wilshire Boulevard, Suite 750 Los Angeles, CA 90017-3255	Date Received: 03/07/16 Work Order: 16-03-0415 Preparation: N/A Method: SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7	Page 1 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-010-7604	LCS	Aqueous	N/A	03/09/16	03/09/16 18:30	G0309TSSL3
099-09-010-7604	LCSD	Aqueous	N/A	03/09/16	03/09/16 18:30	G0309TSSL3

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Solids, Total Suspended	100.0	109.0	109	110.0	110	80-120	1	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
099-15-304-1344	LCS	Aqueous	GC 45	03/09/16	03/10/16 10:08	160309B04			
099-15-304-1344	LCSD	Aqueous	GC 45	03/09/16	03/10/16 10:24	160309B04			
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	2006	100	1987	99	75-117	1	0-13	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





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Quality Control - LCS

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 3 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-12-022-3330</b>	<b>LCS</b>	<b>Aqueous</b>	<b>GC 1</b>	<b>03/08/16</b>	<b>03/08/16 13:36</b>	<b>160308L046</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Gasoline Range Organics		2000	1771	89	78-120	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - LCS

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 4 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>097-01-012-6492</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>03/08/16</b>	<b>03/08/16 21:58</b>	<b>160308LA4</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.5038	101	85-115	
Lead		0.5000	0.5164	103	85-115	
Zinc		0.5000	0.5107	102	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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Quality Control - LCS

CDM Smith Inc.	Date Received:	03/07/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0415
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 5 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-14-304-513</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>03/09/16</b>	<b>03/10/16 10:01</b>	<b>160309LA5F</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.5208	104	85-115	
Lead		0.5000	0.5483	110	85-115	
Zinc		0.5000	0.5443	109	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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## Sample Analysis Summary Report

Work Order: 16-03-0415

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 200.7	N/A	935	ICP 7300	1
EPA 200.7	Filtered	935	ICP 7300	1
EPA 8015B	EPA 5030C	902	GC 1	2
EPA 8015B (M)	EPA 3510C	682	GC 45	1
SM 2340C	N/A	650	BUR21	1
SM 2540 D	N/A	1009	N/A	1

  
Return to Contents

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Location 2: 7445 Lampson Avenue, Garden Grove, CA 92841



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## Glossary of Terms and Qualifiers

Work Order: 16-03-0415

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Return to Contents



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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494  
For courier service / sample drop off information, contact us26\_sales@eurofinsus.com or call us.

LABORATORY CLIENT: CDM Smith

ADDRESS: 600 Wilshire Blvd Suite 750

CITY: LA STATE: CA ZIP: 90017

TEL: 213-457-2200 E-MAIL: linty@cdmsmith.com

TURNDOWN TIME (Rush surcharges may apply to any TAT not STANDARD):  
 SAME DAY  24 HR  48 HR  72 HR  5 DAYS  STANDARD

EDD:  COELT EDF  OTHER

SPECIAL INSTRUCTIONS:

Please discard bacteria samples.  
out of hobbing time range.  
-Thanks.

CHAIN-OF-CUSTODY RECORD

W/ONO / LAB USE ONLY

16-03-0415

DATE: \_\_\_\_\_ OF \_\_\_\_\_  
PAGE: \_\_\_\_\_

CLIENT PROJECT NAME / NO.: Marina del Rey  
 PROJECT CONTACT: Tiffany Lin  
 PROJECT CONTACT: Parking Lots 5 & 7

P.O. NO.: \_\_\_\_\_  
 LAB CONTACT OR QUOTE NO.: Steve Nowak  
 SAMPLER(S): (PRINT) \_\_\_\_\_  
 LOG CODE: \_\_\_\_\_

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) <input checked="" type="checkbox"/>	TPH(d) <input checked="" type="checkbox"/> DRO	FPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C14	FTT	BTEX / MTBE <input type="checkbox"/> 0200 <input type="checkbox"/> TSS	VOCE (8260) Total Hardness	Oxyanions (8260)	Prep (8035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270) Total Metals (w/ Pb/Zn)	Pesticides (8081) Dissolved Metals (w/ Pb/Zn)	PCBE (8082) (w/ Pb/Zn)	PAHs <input type="checkbox"/> 0270 <input type="checkbox"/> 0270 SIM	122 Metals <input type="checkbox"/> 0810/747X <input type="checkbox"/> 6020/747X	OTV <input type="checkbox"/> 7190 <input type="checkbox"/> 7190 <input type="checkbox"/> 2185	Fecal coliform	Total coliform	E.coli	Enterococcus		
1	1-2-4-I	3/5/16	00:15	WATER	7				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>											
2	1-2-4-I Dup	3/5/16	00:26	WATER	7				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>											

Received by: (Signature/Affiliation) *[Signature]* Date: 3/7/16 Time: 10:45  
 Received by: (Signature/Affiliation) *[Signature]* Date: 3/7/16 Time: 11:30  
 Received by: (Signature/Affiliation) *[Signature]* Date: \_\_\_\_\_ Time: \_\_\_\_\_



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WORK ORDER NUMBER: 16-03-0415

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: CDM SMITH

DATE: 03/07/2016

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)  
 Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 3.4 °C (w/ CF): 3.7 °C;  Blank  Sample  
 Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)  
 Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling  
 Sample(s) received at ambient temperature; placed on ice for transport by courier  
 Ambient Temperature:  Air  Filter  
 Checked by: 804

**CUSTODY SEAL:**  
 Cooler  Present and Intact  Present but Not Intact  Not Present  N/A  
 Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A  
 Checked by: 804  
 Checked by: 300

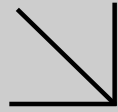
SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input type="checkbox"/> Matrix <input type="checkbox"/> Number of containers			
<input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input checked="" type="checkbox"/> Dissolved Metals			
Container(s) for certain analysis free of headspace .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:** (Trip Blank Lot Number: \_\_\_\_\_)  
 Aqueous:  VOA  VOA<sup>h</sup>  VOA<sub>na2</sub>  100PJ  100PJ<sub>na2</sub>  125AGB  125AGB<sup>h</sup>  125AGB<sup>p</sup>  125PB  
 125PB<sup>z</sup><sub>na</sub>  250AGB  250CGB  250CGB<sub>s</sub>  250PB  250PB<sup>n</sup>  500AGB  500AGJ  500AGJ<sub>s</sub>  
 500PB  1AGB  1AGB<sub>na2</sub>  1AGB<sub>s</sub>  1PB  1PB<sub>na</sub>  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  
 Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (\_\_\_\_\_)  EnCores® (\_\_\_\_\_)  TerraCores® (\_\_\_\_\_)  \_\_\_\_\_  
 Air:  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ Other Matrix (\_\_\_\_\_)  \_\_\_\_\_  \_\_\_\_\_  
 Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag  
 Preservative: b = buffered, f = filtered, h = HCl, n = HNO<sub>3</sub>, na = NaOH, na<sub>2</sub> = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, p = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: 300  
 s = H<sub>2</sub>SO<sub>4</sub>, u = ultra-pure, z<sub>na</sub> = Zn(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH Reviewed by: 876





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**WORK ORDER NUMBER: 16-03-0935**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** CDM Smith Inc.

**Client Project Name:** Marina Del Rey Parking Lots 5 & 7

**Attention:** Tiffany Lin  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Approved for release on 03/22/2016 by:  
Stephen Nowak  
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



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# Contents

Client Project Name: Marina Del Rey Parking Lots 5 & 7  
Work Order Number: 16-03-0935

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Detections Summary. . . . .	5
4	Client Sample Data. . . . .	6
	4.1 EPA 8015B (M) TPH Diesel (Aqueous). . . . .	6
	4.2 EPA 8015B GRO (Aqueous). . . . .	7
	4.3 EPA 200.7 ICP Metals (Aqueous). . . . .	8
	4.4 EPA 200.7 ICP Metals (Aqueous). . . . .	10
	4.5 Combined Inorganic Tests. . . . .	12
5	Quality Control Sample Data. . . . .	13
	5.1 MS/MSD. . . . .	13
	5.2 Sample Duplicate. . . . .	18
	5.3 LCS/LCSD. . . . .	20
6	Sample Analysis Summary. . . . .	26
7	Glossary of Terms and Qualifiers. . . . .	27
8	Chain-of-Custody/Sample Receipt Form. . . . .	28
9	Subcontract Narrative. . . . .	35
10	Subcontract - Microbiology 16-03-0935. . . . .	36



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**Work Order Narrative**

Work Order: 16-03-0935

Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 03/11/16. They were assigned to Work Order 16-03-0935.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.





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**Sample Summary**

Client: CDM Smith Inc.	Work Order:	16-03-0935
600 Wilshire Boulevard, Suite 750	Project Name:	Marina Del Rey Parking Lots 5 & 7
Los Angeles, CA 90017-3255	PO Number:	
	Date/Time Received:	03/11/16 18:40
	Number of Containers:	41

Attn: Tiffany Lin

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
5-2-I-G	16-03-0935-1	03/11/16 13:40	11	Aqueous
5-2-E-G	16-03-0935-2	03/11/16 14:00	11	Aqueous
BLANK	16-03-0935-3	03/11/16 14:44	11	Aqueous
5-2-I I1-24	16-03-0935-4	03/11/16 16:00	4	Aqueous
5-2-E E1-24	16-03-0935-5	03/11/16 16:00	4	Aqueous


  
Return to Contents



Calscience

## Detections Summary

Client: CDM Smith Inc.  
600 Wilshire Boulevard, Suite 750  
Los Angeles, CA 90017-3255

Work Order: 16-03-0935  
Project Name: Marina Del Rey Parking Lots 5 & 7  
Received: 03/11/16

Attn: Tiffany Lin

Page 1 of 1

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
5-2-I-G (16-03-0935-1)						
Copper	0.0346		0.0100	mg/L	EPA 200.7	N/A
Lead	0.0115		0.0100	mg/L	EPA 200.7	N/A
Zinc	0.194	B	0.0100	mg/L	EPA 200.7	N/A
Copper	0.0226		0.0100	mg/L	EPA 200.7	Filtered
Zinc	0.142		0.0100	mg/L	EPA 200.7	Filtered
TPH as Diesel	1400	HD	47	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	28		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	112		1.00	mg/L	SM 2540 D	N/A
5-2-E-G (16-03-0935-2)						
Copper	0.0190		0.0100	mg/L	EPA 200.7	N/A
Lead	0.00512	J	0.00406*	mg/L	EPA 200.7	N/A
Zinc	0.136	B	0.0100	mg/L	EPA 200.7	N/A
Copper	0.0103		0.0100	mg/L	EPA 200.7	Filtered
Zinc	0.0292		0.0100	mg/L	EPA 200.7	Filtered
TPH as Diesel	870	HD	47	ug/L	EPA 8015B (M)	EPA 3510C
Hardness, Total (as CaCO3)	36		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	54		1.0	mg/L	SM 2540 D	N/A
5-2-I I1-24 (16-03-0935-4)						
Copper	0.0167		0.0100	mg/L	EPA 200.7	N/A
Lead	0.00811	J	0.00406*	mg/L	EPA 200.7	N/A
Zinc	0.0937		0.0100	mg/L	EPA 200.7	N/A
Copper	0.00636	J	0.00267*	mg/L	EPA 200.7	Filtered
Zinc	0.0553		0.0100	mg/L	EPA 200.7	Filtered
Hardness, Total (as CaCO3)	10		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	74		1.0	mg/L	SM 2540 D	N/A
5-2-E E1-24 (16-03-0935-5)						
Copper	0.0130		0.0100	mg/L	EPA 200.7	N/A
Zinc	0.0314		0.0100	mg/L	EPA 200.7	N/A
Copper	0.00635	J	0.00267*	mg/L	EPA 200.7	Filtered
Zinc	0.0180		0.0100	mg/L	EPA 200.7	Filtered
Hardness, Total (as CaCO3)	20		2.0	mg/L	SM 2340C	N/A
Solids, Total Suspended	25		1.0	mg/L	SM 2540 D	N/A

Subcontracted analyses, if any, are not included in this summary.

\* MDL is shown



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### Analytical Report

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I-G	16-03-0935-1-E	03/11/16 13:40	Aqueous	GC 45	03/16/16	03/18/16 13:57	160316B03

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	1400	47	7.5	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	80	68-140	

5-2-E-G	16-03-0935-2-E	03/11/16 14:00	Aqueous	GC 45	03/16/16	03/18/16 14:13	160316B03
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	870	47	7.5	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	86	68-140	

BLANK	16-03-0935-3-E	03/11/16 14:44	Aqueous	GC 45	03/16/16	03/17/16 03:34	160316B03
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	47	7.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	82	68-140	

Method Blank	099-15-304-1353	N/A	Aqueous	GC 45	03/16/16	03/17/16 00:20	160316B03
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	50	8.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	89	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
	Units:	ug/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I-G	16-03-0935-1-A	03/11/16 13:40	Aqueous	GC 56	03/14/16	03/14/16 16:30	160314L036

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	66	38-134	

5-2-E-G	16-03-0935-2-A	03/11/16 14:00	Aqueous	GC 56	03/14/16	03/14/16 18:05	160314L036
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	63	38-134	

BLANK	16-03-0935-3-A	03/11/16 14:44	Aqueous	GC 56	03/14/16	03/14/16 15:58	160314L036
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	64	38-134	

Method Blank	099-12-022-3338	N/A	Aqueous	GC 56	03/14/16	03/14/16 15:26	160314L036
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Gasoline Range Organics	ND	50	38	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	68	38-134	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents





Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I-G	16-03-0935-1-C	03/11/16 13:40	Aqueous	ICP 7300	03/15/16	03/16/16 12:17	160315LA4

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0346	0.0100	0.00267	1.00	
Lead	0.0115	0.0100	0.00406	1.00	
Zinc	0.194	0.0100	0.00352	1.00	B

5-2-E-G	16-03-0935-2-D	03/11/16 14:00	Aqueous	ICP 7300	03/15/16	03/16/16 12:18	160315LA4
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0190	0.0100	0.00267	1.00	
Lead	0.00512	0.0100	0.00406	1.00	J
Zinc	0.136	0.0100	0.00352	1.00	B

BLANK	16-03-0935-3-D	03/11/16 14:44	Aqueous	ICP 7300	03/15/16	03/16/16 12:24	160315LA4
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

5-2-I I1-24	16-03-0935-4-D	03/11/16 16:00	Aqueous	ICP 7300	03/17/16	03/18/16 16:36	160317LA6
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0167	0.0100	0.00267	1.00	
Lead	0.00811	0.0100	0.00406	1.00	J
Zinc	0.0937	0.0100	0.00352	1.00	

5-2-E E1-24	16-03-0935-5-B	03/11/16 16:00	Aqueous	ICP 7300	03/17/16	03/18/16 16:37	160317LA6
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0130	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0314	0.0100	0.00352	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>097-01-012-6500</b>	<b>N/A</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>03/15/16</b>	<b>03/16/16 11:53</b>	<b>160315LA4</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.00666	0.0100	0.00352	1.00	J

<b>Method Blank</b>	<b>097-01-012-6508</b>	<b>N/A</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>03/17/16</b>	<b>03/18/16 12:50</b>	<b>160317LA6</b>
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
5-2-I-G	16-03-0935-1-C	03/11/16 13:40	Aqueous	ICP 7300	03/15/16	03/16/16 12:14	160315LA5F

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0226	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.142	0.0100	0.00352	1.00	

5-2-E-G	16-03-0935-2-D	03/11/16 14:00	Aqueous	ICP 7300	03/15/16	03/16/16 12:15	160315LA5F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.0103	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0292	0.0100	0.00352	1.00	

BLANK	16-03-0935-3-D	03/11/16 14:44	Aqueous	ICP 7300	03/15/16	03/16/16 12:16	160315LA5F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

5-2-I I1-24	16-03-0935-4-C	03/11/16 16:00	Aqueous	ICP 7300	03/15/16	03/18/16 16:31	160315LA5F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00636	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0553	0.0100	0.00352	1.00	

5-2-E E1-24	16-03-0935-5-C	03/11/16 16:00	Aqueous	ICP 7300	03/15/16	03/18/16 16:47	160315LA5F
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Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Copper	0.00635	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Zinc	0.0180	0.0100	0.00352	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents



Calscience

### Analytical Report

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
	Units:	mg/L

Project: Marina Del Rey Parking Lots 5 & 7

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-14-304-514</b>	<b>N/A</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>03/15/16</b>	<b>03/16/16 11:56</b>	<b>160315LA5F</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

CDM Smith Inc.

600 Wilshire Boulevard, Suite 750

Los Angeles, CA 90017-3255

Project: Marina Del Rey Parking Lots 5 &amp; 7

Date Received:

03/11/16

Work Order:

16-03-0935

Page 1 of 1

Client Sample Number	Lab Sample Number				Date/Time Collected		Matrix	
<b>5-2-I-G</b>	<b>16-03-0935-1</b>				<b>03/11/16 13:40</b>		<b>Aqueous</b>	
<u>Parameter</u>	<u>Results</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>
Hardness, Total (as CaCO <sub>3</sub> )	28	2.0	1.00		mg/L	N/A	03/16/16	SM 2340C
Solids, Total Suspended	112	1.00	1.00		mg/L	03/17/16	03/17/16	SM 2540 D
<b>5-2-E-G</b>	<b>16-03-0935-2</b>				<b>03/11/16 14:00</b>		<b>Aqueous</b>	
<u>Parameter</u>	<u>Results</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>
Hardness, Total (as CaCO <sub>3</sub> )	36	2.0	1.00		mg/L	N/A	03/16/16	SM 2340C
Solids, Total Suspended	54	1.0	1.00		mg/L	03/17/16	03/17/16	SM 2540 D
<b>BLANK</b>	<b>16-03-0935-3</b>				<b>03/11/16 14:44</b>		<b>Aqueous</b>	
<u>Parameter</u>	<u>Results</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>
Hardness, Total (as CaCO <sub>3</sub> )	ND	2.0	1.00		mg/L	N/A	03/16/16	SM 2340C
Solids, Total Suspended	ND	1.0	1.00		mg/L	03/17/16	03/17/16	SM 2540 D
<b>5-2-I I1-24</b>	<b>16-03-0935-4</b>				<b>03/11/16 16:00</b>		<b>Aqueous</b>	
<u>Parameter</u>	<u>Results</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>
Hardness, Total (as CaCO <sub>3</sub> )	10	2.0	1.00		mg/L	N/A	03/16/16	SM 2340C
Solids, Total Suspended	74	1.0	1.00		mg/L	03/17/16	03/17/16	SM 2540 D
<b>5-2-E E1-24</b>	<b>16-03-0935-5</b>				<b>03/11/16 16:00</b>		<b>Aqueous</b>	
<u>Parameter</u>	<u>Results</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>
Hardness, Total (as CaCO <sub>3</sub> )	20	2.0	1.00		mg/L	N/A	03/16/16	SM 2340C
Solids, Total Suspended	25	1.0	1.00		mg/L	03/17/16	03/17/16	SM 2540 D
<b>Method Blank</b>					<b>N/A</b>		<b>Aqueous</b>	
<u>Parameter</u>	<u>Results</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>
Hardness, Total (as CaCO <sub>3</sub> )	ND	2.0	1.00		mg/L	N/A	03/16/16	SM 2340C
Solids, Total Suspended	ND	1.0	1.00		mg/L	03/17/16	03/17/16	SM 2540 D

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B

Project: Marina Del Rey Parking Lots 5 & 7

Page 1 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
5-2-I-G	Sample	Aqueous	GC 56	03/14/16	03/14/16 16:30	160314S020
5-2-I-G	Matrix Spike	Aqueous	GC 56	03/14/16	03/14/16 17:02	160314S020
5-2-I-G	Matrix Spike Duplicate	Aqueous	GC 56	03/14/16	03/14/16 17:33	160314S020

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics	ND	2000	1688	84	1646	82	68-122	3	0-18	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7

Project: Marina Del Rey Parking Lots 5 & 7 Page 2 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-03-0996-1	Sample	Aqueous	ICP 7300	03/15/16	03/16/16 13:57	160315SA4
16-03-0996-1	Matrix Spike	Aqueous	ICP 7300	03/15/16	03/16/16 13:58	160315SA4
16-03-0996-1	Matrix Spike Duplicate	Aqueous	ICP 7300	03/15/16	03/16/16 13:59	160315SA4

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	0.04543	0.5000	0.5438	100	0.5541	102	80-120	2	0-20	
Lead	ND	0.5000	0.5349	107	0.5377	108	80-120	1	0-20	
Zinc	0.1001	0.5000	0.6110	102	0.6340	107	80-120	4	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7

Project: Marina Del Rey Parking Lots 5 & 7 Page 3 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-03-1119-1	Sample	Aqueous	ICP 7300	03/17/16	03/18/16 14:06	160317SA6
16-03-1119-1	Matrix Spike	Aqueous	ICP 7300	03/17/16	03/18/16 14:08	160317SA6
16-03-1119-1	Matrix Spike Duplicate	Aqueous	ICP 7300	03/17/16	03/18/16 14:09	160317SA6

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	0.01592	0.5000	0.5687	111	0.5668	110	80-120	0	0-20	
Lead	ND	0.5000	0.5364	107	0.5436	109	80-120	1	0-20	
Zinc	0.03284	0.5000	0.6174	117	0.5988	113	80-120	3	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 4 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
5-2-E-G	Sample	Aqueous	ICP 7300	03/15/16	03/16/16 12:15	160315SA5
5-2-E-G	Matrix Spike	Aqueous	ICP 7300	03/15/16	03/16/16 12:11	160315SA5
5-2-E-G	Matrix Spike Duplicate	Aqueous	ICP 7300	03/15/16	03/16/16 12:12	160315SA5

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	0.01031	0.5000	0.5150	101	0.5178	101	80-120	1	0-20	
Lead	ND	0.5000	0.5076	102	0.5271	105	80-120	4	0-20	
Zinc	0.02925	0.5000	0.5604	106	0.5626	107	80-120	0	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 5 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
5-2-I I1-24	Sample	Aqueous	ICP 7300	03/15/16	03/18/16 16:31	160315SA5A
5-2-I I1-24	Matrix Spike	Aqueous	ICP 7300	03/15/16	03/18/16 16:45	160315SA5A
5-2-I I1-24	Matrix Spike Duplicate	Aqueous	ICP 7300	03/15/16	03/18/16 16:46	160315SA5A

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Copper	ND	0.5000	0.5561	111	0.5427	109	80-120	2	0-20	
Lead	ND	0.5000	0.5523	110	0.5330	107	80-120	4	0-20	
Zinc	0.05526	0.5000	0.6097	111	0.5967	108	80-120	2	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2340C
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-03-1098-5	Sample	Aqueous	BUR21	N/A	03/16/16 22:30	G0316HARD1
16-03-1098-5	Sample Duplicate	Aqueous	BUR21	N/A	03/16/16 22:30	G0316HARD1

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Hardness, Total (as CaCO3)	409.0	405.0	1	0-25	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Sample Duplicate

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-03-0742-2	Sample	Aqueous	N/A	03/17/16 00:00	03/17/16 14:00	G0317TSSD1
16-03-0742-2	Sample Duplicate	Aqueous	N/A	03/17/16 00:00	03/17/16 14:00	G0317TSSD1

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc.</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Solids, Total Suspended	1150	1104	4	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	SM 2540 D
Project: Marina Del Rey Parking Lots 5 & 7		Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-010-7631	LCS	Aqueous	N/A	03/17/16	03/17/16 14:00	G0317TSSL1
099-09-010-7631	LCSD	Aqueous	N/A	03/17/16	03/17/16 14:00	G0317TSSL1

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Solids, Total Suspended	100.0	98.00	98	99.00	99	80-120	1	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)
Project: Marina Del Rey Parking Lots 5 & 7		Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
099-15-304-1353	LCS	Aqueous	GC 45	03/16/16	03/17/16 00:37	160316B03			
099-15-304-1353	LCSD	Aqueous	GC 45	03/16/16	03/17/16 00:53	160316B03			
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	1922	96	1980	99	75-117	3	0-13	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	EPA 5030C
	Method:	EPA 8015B
Project: Marina Del Rey Parking Lots 5 & 7		Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-12-022-3338</b>	<b>LCS</b>	<b>Aqueous</b>	<b>GC 56</b>	<b>03/14/16</b>	<b>03/14/16 14:55</b>	<b>160314L036</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Gasoline Range Organics		2000	1680	84	78-120	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>097-01-012-6500</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>03/15/16</b>	<b>03/16/16 11:54</b>	<b>160315LA4</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.4814	96	85-115	
Lead		0.5000	0.5058	101	85-115	
Zinc		0.5000	0.5130	103	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	N/A
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>097-01-012-6508</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>03/17/16</b>	<b>03/18/16 12:51</b>	<b>160317LA6</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper		0.5000	0.4854	97	85-115	
Lead		0.5000	0.5011	100	85-115	
Zinc		0.5000	0.4889	98	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

CDM Smith Inc.	Date Received:	03/11/16
600 Wilshire Boulevard, Suite 750	Work Order:	16-03-0935
Los Angeles, CA 90017-3255	Preparation:	Filtered
	Method:	EPA 200.7
Project: Marina Del Rey Parking Lots 5 & 7		Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-14-304-514</b>	<b>LCS</b>	<b>Aqueous</b>	<b>ICP 7300</b>	<b>03/15/16</b>	<b>03/16/16 11:57</b>	<b>160315LA5F</b>

<u>Parameter</u>	<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Copper	0.5000	0.5390	108	85-115	
Lead	0.5000	0.5555	111	85-115	
Zinc	0.5000	0.5662	113	85-115	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Sample Analysis Summary Report

Work Order: 16-03-0935

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 200.7	N/A	935	ICP 7300	1
EPA 200.7	Filtered	935	ICP 7300	1
EPA 8015B	EPA 5030C	933	GC 56	2
EPA 8015B (M)	EPA 3510C	682	GC 45	1
SM 2340C	N/A	1068	BUR21	1
SM 2540 D	N/A	1035	N/A	1

  
Return to Contents

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Location 2: 7445 Lampson Avenue, Garden Grove, CA 92841



Calscience

## Glossary of Terms and Qualifiers

Work Order: 16-03-0935

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Return to Contents



Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494  
For courier service / sample drop off information, contact us26\_sales@eurofins.com or call us.

LABORATORY CLIENT:

CDM Smith

ADDRESS: 600 Wilshire Blvd Suite 750

CITY: LA STATE: CA ZIP: 90017

TEL: 213-457-2200 E-MAIL: lindy@cdmsmith.com

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):  
 SAME DAY  24 HR  48 HR  72 HR  5 DAYS  STANDARD

EDD:

COELTEDF  OTHER

SPECIAL INSTRUCTIONS:

Please refrigerate 1L autosampler bottles. I will send composite scheme on Monday.

CHAIN-OF-CUSTODY RECORD

DATE: 3/11/16 OF 1  
PAGE: 1

WO NO. / LAB USE ONLY  
**16-03-0935**

CLIENT PROJECT NAME / INC.: Manna del Rey  
LABORATORY PROJECT CONTACT: Tiffany Lin  
LABORATORY PROJECT CONTACT: Tiffany Lin  
LABORATORY PROJECT CONTACT: Tiffany Lin  
LABORATORY PROJECT CONTACT: Tiffany Lin

LAB CONTACT OR QUOTE NO.: Steve Nowak  
SAMPLER(S): (PRINT) Steve Nowak

GLOBAL ID:  
LOG CODE:  
P.O. NO.:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Field Filtered	Preserved	Unpreserved	TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCS (8270) TSS	Pesticides (8081) Total Hardness	PCBs (8082) Total Metals	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	Total Coliform	Fecal Coliform	E. coli	Enterococcus		
1	S-2-16	3/11/16	13:40	water					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
2	S-2-16	3/11/16	14:00	"					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
3	Blank	3/11/16	14:40	"					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
4	S-2-16	3/11/16	16:00	"					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
5	S-2-16	3/11/16	16:00	"					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	

Relinquished by: (Signature)  
Relinquished by: (Signature)  
Relinquished by: (Signature)

Received by: (Signature/Affiliation)  
Received by: (Signature/Affiliation)  
Received by: (Signature/Affiliation)

Date: 3/11/16  
Date: 3/11/16  
Date: 3/11/16

Time: 16:41  
Time: 1840  
Time:



Return to Contents



Calscience

WORK ORDER NUMBER: 16-03-0925

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 3

CLIENT: CDM Smith

DATE: 03 / 11 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 3.5 °C (w/ CF): 3.8 °C;  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature:  Air  Filter

Checked by: 804

CUSTODY SEAL:

Cooler  Present and Intact  Present but Not Intact  Not Present  N/A

Checked by: 804

Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A

Checked by: 778

SAMPLE CONDITION:

Yes No N/A

Chain-of-Custody (COC) document(s) received with samples .....

COC document(s) received complete .....

Sampling date  Sampling time  Matrix  Number of containers

No analysis requested  Not relinquished  No relinquished date  No relinquished time

Sampler's name indicated on COC .....

Sample container label(s) consistent with COC .....

Sample container(s) intact and in good condition .....

Proper containers for analyses requested .....

Sufficient volume/mass for analyses requested .....

Samples received within holding time .....

Aqueous samples for certain analyses received within 15-minute holding time

pH  Residual Chlorine  Dissolved Sulfide  Dissolved Oxygen .....

Proper preservation chemical(s) noted on COC and/or sample container .....

Unpreserved aqueous sample(s) received for certain analyses

Volatile Organics  Total Metals  Dissolved Metals

Container(s) for certain analysis free of headspace .....

Volatile Organics  Dissolved Gases (RSK-175)  Dissolved Oxygen (SM 4500)

Carbon Dioxide (SM 4500)  Ferrous Iron (SM 3500)  Hydrogen Sulfide (Hach)

Tedlar™ bag(s) free of condensation .....

CONTAINER TYPE:

(Trip Blank Lot Number: \_\_\_\_\_)

Aqueous:  VOA  VOA<sup>h</sup>  VOAn<sub>2</sub>  100PJ  100PJna<sub>2</sub>  125AGB  125AGBh  125AGBp  125PB

125PBz<sub>na</sub>  250AGB  250CGB  250CGBs  250PB  250PBn  500AGB  500AGJ  500AGJs

500PB  1AGB  1AGBna<sub>2</sub>  1AGBs  1PB  1PBna  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (\_\_\_\_)  EnCores® (\_\_\_\_)  TerraCores® (\_\_\_\_)  \_\_\_\_\_

Air:  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ Other Matrix (\_\_\_\_):  \_\_\_\_\_  \_\_\_\_\_

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO<sub>3</sub>, na = NaOH, na<sub>2</sub> = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, p = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: 301/778

s = H<sub>2</sub>SO<sub>4</sub>, u = ultra-pure, z<sub>na</sub> = Zn(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH

Reviewed by: 804/107

Return to Contents





Calscience

WORK ORDER NUMBER: 16-03-0935

SAMPLE RECEIPT CHECKLIST

COOLER 2 OF 3

CLIENT: CDM SMITH

DATE: 03 / 11 / 2016

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)  
 Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 3.6 °C (w/ CF): 3.9 °C;  Blank  Sample  
 Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)  
 Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling  
 Sample(s) received at ambient temperature; placed on ice for transport by courier  
 Ambient Temperature:  Air  Filter Checked by: 804

**CUSTODY SEAL:**  
 Cooler  Present and Intact  Present but Not Intact  Not Present  N/A Checked by: 804  
 Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A Checked by: 778

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input checked="" type="checkbox"/> Matrix <input checked="" type="checkbox"/> Number of containers			
<input checked="" type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input checked="" type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input checked="" type="checkbox"/> Dissolved Metals			
Container(s) for certain analysis free of headspace .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:** (Trip Blank Lot Number: \_\_\_\_\_)  
 Aqueous:  VOA  VOA<sup>h</sup>  VOAn<sub>2</sub>  100PJ  100PJna<sub>2</sub>  125AGB  125AGBh  125AGBp  125PB  
 125PBz<sup>na</sup>  250AGB  250CGB  250CGBs  250PB  250PBn  500AGB  500AGJ  500AGJs  
 500PB  1AGB  1AGBna<sub>2</sub>  1AGBs  1PB  1PBna  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  
 Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (\_\_\_\_\_)  EnCores® (\_\_\_\_\_)  TerraCores® (\_\_\_\_\_)  \_\_\_\_\_  
 Air:  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ Other Matrix (\_\_\_\_):  \_\_\_\_\_  \_\_\_\_\_

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag  
 Preservative: b = buffered, f = filtered, h = HCl, n = HNO<sub>3</sub>, na = NaOH, na<sub>2</sub> = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, p = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: 778  
 s = H<sub>2</sub>SO<sub>4</sub>, u = ultra-pure, z<sup>na</sup> = Zn(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH Reviewed by: 1017

Return to Contents





Calscience

WORK ORDER NUMBER: **16-03-** 0938

### SAMPLE RECEIPT CHECKLIST

COOLER 3 OF 3

CLIENT: CDM SMITH

DATE: 03 / 11 / 2016

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)  
 Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 3.8 °C (w/ CF): 4.1 °C;  Blank  Sample  
 Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)  
 Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling  
 Sample(s) received at ambient temperature; placed on ice for transport by courier  
 Ambient Temperature:  Air  Filter Checked by: 804

**CUSTODY SEAL:**

Cooler	<input type="checkbox"/> Present and Intact	<input type="checkbox"/> Present but Not Intact	<input checked="" type="checkbox"/> Not Present	<input type="checkbox"/> N/A	Checked by: <u>804</u>
Sample(s)	<input type="checkbox"/> Present and Intact	<input type="checkbox"/> Present but Not Intact	<input checked="" type="checkbox"/> Not Present	<input type="checkbox"/> N/A	Checked by: <u>778</u>

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input checked="" type="checkbox"/> Matrix <input checked="" type="checkbox"/> Number of containers			
<input checked="" type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input checked="" type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input checked="" type="checkbox"/> Dissolved Metals			
Container(s) for certain analysis free of headspace .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:** (Trip Blank Lot Number: \_\_\_\_\_)

**Aqueous:**  VOA  VOAh  VOAna<sub>2</sub>  100PJ  100PJna<sub>2</sub>  125AGB  125AGBh  125AGBp  125PB  
 125PBz<sub>na</sub>  250AGB  250CGB  250CGBs  250PB  250PBn  500AGB  500AGJ  500AGJs  
 500PB  1AGB  1AGBna<sub>2</sub>  1AGBs  1PB  1PBna  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

**Solid:**  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (\_\_\_\_\_)  EnCores® (\_\_\_\_\_)  TerraCores® (\_\_\_\_\_)  \_\_\_\_\_

**Air:**  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ **Other Matrix** (\_\_\_\_):  \_\_\_\_\_  \_\_\_\_\_

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag  
 Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO<sub>3</sub>, **na** = NaOH, **na<sub>2</sub>** = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, **p** = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: 778  
**s** = H<sub>2</sub>SO<sub>4</sub>, **u** = ultra-pure, **z<sub>na</sub>** = Zn(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH Reviewed by: 1017

Return to Contents

**Stephen Nowak**

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**From:** Lin, Tiffany Y. [lnty@cdmsmith.com]  
**Sent:** Tuesday, March 15, 2016 10:33 AM  
**To:** Stephen Nowak  
**Subject:** RE: composite samples schemes

Analysis will be: TSS, Hardness, Total & Dissolved metals

Remind me again - is TPH (DRO & GRO) analysis viable only for grab samples?

Thanks.

---

**From:** Stephen Nowak [<mailto:StephenNowak@eurofinsUS.com>]  
**Sent:** Tuesday, March 15, 2016 10:30 AM  
**To:** Lin, Tiffany Y. <[lnty@cdmsmith.com](mailto:lnty@cdmsmith.com)>  
**Cc:** Quasebarth, Thomas <[QuasebarthT@cdmsmith.com](mailto:QuasebarthT@cdmsmith.com)>  
**Subject:** RE: composite samples schemes

Thanks Tiffany-

Please confirm the analysis needed for these composite samples.  
The COC does not list any analysis.

Stephen Nowak  
Project Manager



Eurofins Calscience, Inc.  
7440 Lincoln Way  
GARDEN GROVE, CA 92841  
USA  
Phone: +1 714 895 5494

Email: [StephenNowak@EurofinsUS.com](mailto:StephenNowak@EurofinsUS.com)  
Website: [www.calscience.com](http://www.calscience.com)

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**From:** Lin, Tiffany Y. [<mailto:linty@cdmsmith.com>]  
**Sent:** Tuesday, March 15, 2016 12:38 AM  
**To:** Stephen Nowak  
**Cc:** Quasebarth, Thomas  
**Subject:** composite samples schemes

Hi Steve,

For samples collected by autosampler 5-2-I (as identified on the bottle labels), you can composite the sample based on the right-most column. This will be a total of 1800 ml, which is more than enough for the necessary analyses.

Date	5-2-I Bottle ID#	Actual Vol. of Sample Collected mL	Individual Sample Contribution for Compositing mL
3/11/2016	I1	0	0
3/11/2016	I2	800	0.0
3/11/2016	I3	100	2.5
3/11/2016	I4	1000	145.0
3/11/2016	I5	1000	923.4
3/11/2016	I6	1000	460.9
3/11/2016	I7	1000	51.0
3/11/2016	I8	1000	7.3
3/11/2016	I9	1000	49.4
3/11/2016	I10	1000	122.6
3/11/2016	I11	1000	36.4
3/11/2016	I12	1000	1.5
3/11/2016	I13	1000	0.0056
3/11/2016	I14	0	0
3/11/2016	I15	0	0
3/11/2016	I16	0	0
3/11/2016	I17	0	0

For samples collected by autosampler 5-2-E (as identified on the bottle labels), you can composite the sample based on the right-most column below. This will be a total of 1294 ml, which is just under the min 1300 ml required. Hopefully that will still allow for adequate analyses.

Date	5-2-E Bottle ID#	Actual Vol. of Sample Collected mL	Individual Sample Contribution for Compositing mL
3/11/2016	E1	0	0
3/11/2016	E2	100	0
3/11/2016	E3	1000	20.7
3/11/2016	E4	1000	48.0
3/11/2016	E5	1000	1000.1
3/11/2016	E6	1000	106.2
3/11/2016	E7	0	0.0
3/11/2016	E8	1000	25.1
3/11/2016	E9	1000	15.4
3/11/2016	E10	1000	29.5
3/11/2016	E11	1000	25.8
3/11/2016	E12	800	11.3
3/11/2016	E13	500	5.4

3/11/2016	E14	250	2.8
3/11/2016	E15	200	1.7
3/11/2016	E16	200	1.1
3/11/2016	E17	100	0.8

Please let me know if you have any questions.

Thanks,  
Tiffany

**Tiffany Lin, Ph.D.** | Water Resources Engineer | CDM Smith  
600 Wilshire Blvd. Suite 750 | Los Angeles, CA 90017 | 213.457.2200 | [linty@cdmsmith.com](mailto:linty@cdmsmith.com) | [cdmsmith.com](http://cdmsmith.com)

Notify us [here](#) to report this email as spam.



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## Subcontractor Analysis Report

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Work Order: 16-03-0935

Page 1 of 1

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One or more samples in this work order have tests that were subcontracted. The subcontract report(s) follows.

For subcontracted tests, please reference the laboratory information noted below.

1. Silliker Inc. - Cypress, CA CA ELAP 1534  
Microbiology

  
Return to Contents



**SILLIKER, Inc.**  
**Southern California Laboratory**  
 6360 Gateway Drive, Cypress, CA 90630  
 Tel. 209/ 549 7508 Fax. 714/ 226 0009

<b>COA No:</b>	SCA-38836992-0
<b>Supersedes:</b>	None
<b>COA Date</b>	3/19/16
<b>Page 1 of 1</b>	

**COPY TO:**

Mr. Stephen Nowak  
 Project Manager  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

**ORIGINAL TO:**


Ms. Elizabeth Winger  
 Laboratory Director  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

<b>Received From:</b>	Garden Grove, CA
<b>Received Date:</b>	3/12/16
<b>P.O.# / ID:</b>	16-03-0935
<b>Location of Test: (except where noted)</b> Cypress, CA	

**Analytical Results**

<b>Desc. 1:</b>	Sample ID:5-2-I-G	<b>Laboratory ID:</b>	359528821
<b>Desc. 2:</b>	Date:3/11/16	<b>Condition Rec'd:</b>	NORMAL
<b>Desc. 3:</b>	Time:13:40	<b>Temp Rec'd (°C):</b>	3.5
<b>Desc. 4:</b>	Matrix: SW		
<b>Desc. 5:</b>	Project # : 16-03-0935		
<b>Desc. 6:</b>	Date And Time Tested:3/12/2016 11:39am		

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	170	/100mL	SMEWW 20th ed. 9221B	3/16/16	
E. coli - 5 tube MPN	2	/100mL	SMEWW 20th ed. 9221F	3/18/16	
Enterococci - 5 tube MPN	500	/100mL	SMEWW 20th, 9230A-B	3/15/16	
Fecal Coliforms - 5 tube MPN	2	/100mL	SMEWW 20th ed. 9221E	3/16/16	

  
 Helen Andrews Laboratory Director

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**SILLIKER, Inc.**  
**Southern California Laboratory**  
 6360 Gateway Drive, Cypress, CA 90630  
 Tel. 209/ 549 7508 Fax. 714/ 226 0009

<b>COA No:</b>	SCA-38833848-0
<b>Supersedes:</b>	None
<b>COA Date</b>	3/17/16
<b>Page 1 of 1</b>	

**COPY TO:**  
 Mr. Stephen Nowak  
 Project Manager  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

**ORIGINAL TO:**  
 Ms. Elizabeth Winger  
 Laboratory Director  
 Eurofins Calscience, Inc.  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427

<b>Received From:</b>	Garden Grove, CA
<b>Received Date:</b>	3/11/16
<b>P.O.# / ID:</b>	Stephen Nowak
<b>Location of Test: (except where noted)</b> Cypress, CA	


**Analytical Results**

**Desc. 1:** Sample ID:5-2-E-G **Laboratory ID:** 359516956  
**Desc. 2:** Date:3/11/16 **Condition Rec'd:** NORMAL  
**Desc. 3:** Time:14:10 **Temp Rec'd (°C):** 4.0  
**Desc. 4:** Matrix:SW  
**Desc. 5:** Project # :16-03-0935-2  
**Desc. 6:** Date And Time Tested:03/11/16, 7:44 PM

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	1100	/100mL	SMEWW 20th ed. 9221B	3/15/16	
E. coli - 5 tube MPN	8	/100mL	SMEWW 20th ed. 9221F	3/17/16	
Enterococci - 5 tube MPN	8000	/100mL	SMEWW 20th, 9230A-B	3/14/16	
Fecal Coliforms - 5 tube MPN	30	/100mL	SMEWW 20th ed. 9221E	3/15/16	

**Desc. 1:** Sample ID:Blank **Laboratory ID:** 359516957  
**Desc. 2:** Date:3/11/16 **Condition Rec'd:** NORMAL  
**Desc. 3:** Time:14:44 **Temp Rec'd (°C):** 4.0  
**Desc. 4:** Matrix:SW  
**Desc. 5:** Project # :16-03-0935-3  
**Desc. 6:** Date And Time Tested:03/11/16, 7:44 PM

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Coliforms - 5 tube MPN	50	/100mL	SMEWW 20th ed. 9221B	3/15/16	
E. coli - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221F	3/15/16	
Enterococci - 5 tube MPN	<2	/100mL	SMEWW 20th, 9230A-B	3/13/16	
Fecal Coliforms - 5 tube MPN	<2	/100mL	SMEWW 20th ed. 9221E	3/15/16	

  
 Helen Andrews Laboratory Director

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**ATTACHMENT 8.2 - EXHIBIT E**

Certified Full Capture Systems Database

Dominguez Channels and L.A. Harbor Watersheds

Date: 08/31/2016

Reporting Year: 2016

Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements

L.A. County MS4 Permit

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	124TH ST ( SW CORNER )	FELTON AV	CO	CO	02/02/2015 to 06/01/2015	1538036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	124TH ST ( NW CORNER )	FELTON AV	CO	CO	02/02/2015 to 06/01/2015	1538037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	124TH ST ( SW CORNER )	FELTON AV	CO	CO	02/02/2015 to 06/01/2015	1538038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	124TH ST ( N CORNER )	FELTON AV	CO	CO	02/02/2015 to 06/01/2015	1538039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	133RD ST ( SW CORNER )	INGLEWOOD AV	CO	CO	02/02/2015 to 06/01/2015	1592132	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	133RD ST ( NW CORNER )	INGLEWOOD AV	CO	CO	02/02/2015 to 06/01/2015	1592133	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AV ( NW CORNER )	133RD ST	CO	CO	02/02/2015 to 06/01/2015	1592146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	132ND ST ( SW CORNER )	INGLEWOOD AV	CO	CO	02/02/2015 to 06/01/2015	1592147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	132ND ST ( NW CORNER )	INGLEWOOD AV	CO	CO	02/02/2015 to 06/01/2015	1592148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AV ( NW CORNER )	132ND ST	CO	CO	02/02/2015 to 06/01/2015	1592149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FELTON AV ( NW CORNER )	124TH ST	CO	CO	02/02/2015 to 06/01/2015	1592164	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FELTON AV ( SW CORNER )	124TH ST	CO	CO	02/02/2015 to 06/01/2015	1592165	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FELTON AV ( NE CORNER )	124TH ST	CO	CO	02/02/2015 to 06/01/2015	1592166	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FELTON AV ( SE CORNER )	124TH ST	CO	CO	02/02/2015 to 06/01/2015	1592171	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	139TH ST ( NW CORNER )	INGLEWOOD AV	CO	CO	02/02/2015 to 06/01/2015	1592290	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AV ( NW CORNER )	139TH ST	CO	CO	02/02/2015 to 06/01/2015	1592291	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AV ( NW CORNER )	137TH PL	CO	CO	02/02/2015 to 06/01/2015	1592300	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AV ( NW CORNER )	138TH ST	CO	CO	02/02/2015 to 06/01/2015	1592301	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	138TH ST ( WN CORNER )	INGLEWOOD AV	CO	CO	02/02/2015 to 06/01/2015	1592302	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	138TH ST ( SW CORNER )	INGLEWOOD AV	CO	CO	02/02/2015 to 06/01/2015	1592303	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AV ( NW CORNER )	134TH ST	CO	CO	02/02/2015 to 06/01/2015	1592322	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	134TH ST ( NW CORNER )	INGLEWOOD AV	CO	CO	02/02/2015 to 06/01/2015	1592323	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	134TH ST ( SW CORNER )	INGLEWOOD AV	CO	CO	02/02/2015 to 06/01/2015	1592324	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AV ( NW CORNER )	134TH PL	CO	CO	02/02/2015 to 06/01/2015	1592337	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	134TH PL ( NW CORNER )	INGLEWOOD AV	CO	CO	02/02/2015 to 06/01/2015	1592338	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HALLDALE AV ( NW CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HALLDALE AV ( NW CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HALLDALE AV ( NE CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD ( NE CORNER )	HALLDALE AV	CO	CO	02/02/2015 to 06/01/2015	1646026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE ( NW CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DENKER AV ( NE CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD ( NE CORNER )	DENKER AV	CO	CO	02/02/2015 to 06/01/2015	1646031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DENKER AV ( NW CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DENKER AV ( NW1 CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD ( NE CORNER )	HARVARD BLVD	CO	CO	02/02/2015 to 06/01/2015	1646036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARVARD BLVD ( NE CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HARVARD BLVD ( NW CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD ( NE CORNER )	WESTERN AV	CO	CO	02/02/2015 to 06/01/2015	1646041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WESTERN AV ( NE CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646042	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD ( NW CORNER )	WILTON PL	CO	CO	02/02/2015 to 06/01/2015	1646068	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	3RD ST ( SW CORNER )	PATTON AV	CO	CO	02/02/2015 to 06/01/2015	1654145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON AV ( SE CORNER )	SUNSET ST	CO	CO	02/02/2015 to 06/01/2015	1654147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BELLMARIN DR ( SE CORNER )	DOLORES RD	CO	CO	02/02/2015 to 06/01/2015	1654149	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	6TH ST ( NW CORNER )	BANDINI ST	CO	CO	02/02/2015 to 06/01/2015	1654151	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	6TH ST ( SW CORNER )	BANDINI ST	CO	CO	02/02/2015 to 06/01/2015	1654152	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	1ST ST ( SW CORNER )	LA ALAMEDA	CO	CO	02/02/2015 to 06/01/2015	1654153	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORMANDIE AV ( NE CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1646312	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD ( NE CORNER )	NORMANDIE BLVD	CO	CO	02/02/2015 to 06/01/2015	1701105	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAYMOND AV ( NW CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1701107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAYMOND AV ( NE CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1701108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD ( NE CORNER )	RAYMOND AV	CO	CO	02/02/2015 to 06/01/2015	1701109	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EL SEGUNDO BLVD ( NW CORNER )	BERENDO AV	CO	CO	02/02/2015 to 06/01/2015	1701110	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BERENDO AV ( NE CORNER )	EL SEGUNDO BLVD	CO	CO	02/02/2015 to 06/01/2015	1701111	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	1ST ST ( SW CORNER )	MEYLER ST	CO	CO	02/02/2015 to 06/01/2015	1709062	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	1ST ST ( NW CORNER )	MEYLER ST	CO	CO	02/02/2015 to 06/01/2015	1709064	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.2 - EXHIBIT E**

Certified Full Capture Systems Database

Dominguez Channels and L.A. Harbor Watersheds

Date: 08/31/2016

Reporting Year: 2016

Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements

L.A. County MS4 Permit

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	BANDINI ST ( NW CORNER )	1ST ST	CO	CO	02/02/2015 to 06/01/2015	1709065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	5TH ST ( SW CORNER )	MEYLER ST	CO	CO	02/02/2015 to 06/01/2015	1709069	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BLVD ( NW CORNER )	REDONDO BEACH BLVD	CO	CO	02/02/2015 to 06/01/2015	1757145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AVALON BLVD ( NE CORNER )	REDONDO BEACH BLVD	CO	CO	02/02/2015 to 06/01/2015	1757146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REDONDO BEACH BLVD ( NE CORNER )	AVALON BLVD	CO	CO	02/02/2015 to 06/01/2015	1757147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REDONDO BEACH BLVD ( SE CORNER )	AVALON BLVD	CO	CO	02/02/2015 to 06/01/2015	1757148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLADWICK ST ( SE CORNER )	WILMINGTON AV	CO	CO	02/02/2015 to 06/01/2015	1814046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLADWICK ST ( NE CORNER )	WILMINGTON AV	CO	CO	02/02/2015 to 06/01/2015	1814047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEL AMO BLVD ( NE CORNER )	WILMINGTON AV	CO	CO	02/02/2015 to 06/01/2015	1814060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 223RD ST. (N CORNER)	HARBOR RIDGE LN.	CO	CO	02/29/2016 to 09/30/2016	1705196	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 220TH ST. (SE CORNER)	MARIPOSA AVE.	CO	CO	02/29/2016 to 09/30/2016	1705152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. VERMONT. AVE (SE CORNER)	W. CARSON ST.	CO	CO	02/29/2016 to 09/30/2016	1705142	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. VERMONT. AVE (SE CORNER)	W. CARSON ST.	CO	CO	02/29/2016 to 09/30/2016	1705140	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. CARSON ST. (SE CORNER)	S. VERMONT. AVE	CO	CO	02/29/2016 to 09/30/2016	1705141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. VERMONT. AVE (NW CORNER)	W. CARSON ST.	CO	CO	02/29/2016 to 09/30/2016	1705134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. VERMONT. AVE (NW CORNER)	W. CARSON ST.	CO	CO	02/29/2016 to 09/30/2016	1705133	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. VERMONT. AVE (NE CORNER)	W. CARSON ST.	CO	CO	02/29/2016 to 09/30/2016	1705135	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. VERMONT. AVE (SE CORNER)	TORRANCE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1704091	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TORRANCE BLVD. (NW CORNER)	S. KENWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1704079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TORRANCE BLVD. (NW CORNER)	S. VERMONT. AVE	CO	CO	02/29/2016 to 09/30/2016	1704087	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TORRANCE BLVD. (NE CORNER)	S. VERMONT. AVE	CO	CO	02/29/2016 to 09/30/2016	1704089	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. NEW HAMPSHIRE AVE. (NE CORNER)	S. MILTON ST.	CO	CO	02/29/2016 to 09/30/2016	1704068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. VERMONT. AVE (NW CORNER)	W. BARON ST.	CO	CO	02/29/2016 to 09/30/2016	1704069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. NEW HAMPSHIRE AVE. (NE CORNER)	S. MILTON ST.	CO	CO	02/29/2016 to 09/30/2016	1704067	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. DEL AMO BLVD. (NE CORNER)	S. VERMONT AVE.	CO	CO	02/29/2016 to 09/30/2016	1704306	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON AVE. (NW CORNER)	W. DEL AMO BLVD.	CO	CO	02/29/2016 to 09/30/2016	1704037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. DEL AMO BLVD. (NW CORNER)	S. SANTA FE AVE.	CO	CO	02/29/2016 to 09/30/2016	1814091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. DEL AMO BLVD. (NW CORNER)	S. SANTA FE AVE.	CO	CO	02/29/2016 to 09/30/2016	1814088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. DEL AMO BLVD. (NW CORNER)	S. SANTA FE AVE.	CO	CO	02/29/2016 to 09/30/2016	1814090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. DEL AMO BLVD. (NE CORNER)	S. ALAMEDA ST.	CO	CO	02/29/2016 to 09/30/2016	1814087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. DEL AMO BLVD. (NE CORNER)	S. ALAMEDA ST.	CO	CO	02/29/2016 to 09/30/2016	1814072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. DEL AMO BLVD. (NE CORNER)	REEVES AVE.	CO	CO	02/29/2016 to 09/30/2016	1814129	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. DEL AMO BLVD. (NW CORNER)	REEVES AVE.	CO	CO	02/29/2016 to 09/30/2016	1814064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. DEL AMO BLVD. (NW CORNER)	REEVES AVE.	CO	CO	02/29/2016 to 09/30/2016	1814062	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. DEL AMO BLVD. (NE CORNER)	RANCHO WY.	CO	CO	02/29/2016 to 09/30/2016	1814085	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. SANTA FE AVE. (NW CORNER)	E. DEL AMO BLVD.	CO	CO	02/29/2016 to 09/30/2016	1814095	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RANCHO WY. (NW CORNER)	E. DEL AMO BLVD.	CO	CO	02/29/2016 to 09/30/2016	1814146	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RANCHO WY. (NE CORNER)	E. DEL AMO BLVD.	CO	CO	02/29/2016 to 09/30/2016	1814147	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. WILMINGTON AVE. (SE CORNER)	E. VIA ARADO	CO	CO	02/29/2016 to 09/30/2016	1814056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. VIA ARADO (SE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. VIA ARADO (SE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. VIA ARADO (SE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. VIA ARADO (NE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. WILMINGTON AVE. (NE CORNER)	E. VIA ARADO	CO	CO	02/29/2016 to 09/30/2016	1814128	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PACIFICA PL. (W CORNER)	RANCHO WY.	CO	CO	02/29/2016 to 09/30/2016	1814135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RANCHO WY. (SW CORNER)	PACIFICA PL.	CO	CO	02/29/2016 to 09/30/2016	1814136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RANCHO WY. (SE CORNER)	PACIFICA PL.	CO	CO	02/29/2016 to 09/30/2016	1814137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PACIFICA PL. (NW CORNER)	RANCHO WY.	CO	CO	02/29/2016 to 09/30/2016	1814138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA INDUSTRIA (SE CORNER)	S. ALAMEDA ST.	CO	CO	02/29/2016 to 09/30/2016	1814081	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON AVE. (NE CORNER)	FRANCISCO	CO	CO	02/29/2016 to 09/30/2016	1704026	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. VISTA BELLA WY. (SE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. VISTA BELLA WY. (NE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RANCHO WY. (SW CORNER)	GLADWICK ST.	CO	CO	02/29/2016 to 09/30/2016	1814145	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLADWICK ST. (NW CORNER)	RANCHO WY.	CO	CO	02/29/2016 to 09/30/2016	1814141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GLADWICK ST. (NW CORNER)	RANCHO WY.	CO	CO	02/29/2016 to 09/30/2016	1814140	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.2 - EXHIBIT E**

Certified Full Capture Systems Database

Dominguez Channels and L.A. Harbor Watersheds

Date: 08/31/2016

Reporting Year: 2016

Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements

L.A. County MS4 Permit

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	GLADWICK ST. (NE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DOMINGUEZ HILLS DR. (NE CORNER)	GLADWICK ST.	CO	CO	02/29/2016 to 09/30/2016	1814126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LAUREL PARK RD. (SE CORNER)	RANCHO WY	CO	CO	02/29/2016 to 09/30/2016	1814043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LAUREL PARK RD. (SE CORNER)	RANCHO WY	CO	CO	02/29/2016 to 09/30/2016	1814042	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LAUREL PARK RD. (SE CORNER)	RANCHO WY	CO	CO	02/29/2016 to 09/30/2016	1814044	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LAUREL PARK RD. (NE CORNER)	RANCHO WY	CO	CO	02/29/2016 to 09/30/2016	1814044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON AVE. (NE CORNER)	KNOX ST.	CO	CO	02/29/2016 to 09/30/2016	1704023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAMILTON AVE. (NW CORNER)	KNOX ST.	CO	CO	02/29/2016 to 09/30/2016	1704022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LAUREL PARK RD. (NE CORNER)	RANCHO WY	CO	CO	02/29/2016 to 09/30/2016	1814041	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LAUREL PARK RD. (SW CORNER)	RANCHO WY	CO	CO	02/29/2016 to 09/30/2016	1814039	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DOMINGUEZ HILLS DR. (SE CORNER)	CASHDAN ST.	CO	CO	02/29/2016 to 09/30/2016	1814125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LAUREL PARK RD. (SW CORNER)	RANCHO WY	CO	CO	02/29/2016 to 09/30/2016	1814038	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LAUREL PARK RD. (SW CORNER)	RANCHO WY	CO	CO	02/29/2016 to 09/30/2016	1814037	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASHDAN ST. (SE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CASHDAN ST. (NE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	UNIVERSITY DR. (SE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814026	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	UNIVERSITY DR. (NE CORNER)	S. WILMINGTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1814027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LAUREL PARK RD. (NE CORNER)	ENTRANCE RD.	CO	CO	02/29/2016 to 09/30/2016	1814034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWICK ST. (NW CORNER)	UNIVERSITY DR.	CO	CO	02/29/2016 to 09/30/2016	1814028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWICK ST. (NE CORNER)	UNIVERSITY DR.	CO	CO	02/29/2016 to 09/30/2016	1814029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LAUREL PARK RD. (NE CORNER)	ENTRANCE RD.	CO	CO	02/29/2016 to 09/30/2016	1814033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRAIRIE AVE. (SE CORNER)	W. 164TH ST.	CO	CO	02/29/2016 to 09/30/2016	1593355	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD. (NW CORNER)	REDONDO BEACH BLVD.	CO	CO	02/29/2016 to 09/30/2016	1647022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD. (NW CORNER)	REDONDO BEACH BLVD.	CO	CO	02/29/2016 to 09/30/2016	1647020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MANHATTAN BEACH AVE. (NW CORNER)	CRENSHAW BLVD.	CO	CO	02/29/2016 to 09/30/2016	1647293	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PRAIRIE AVE. (NE CORNER)	MANHATTAN BEACH AVE.	CO	CO	02/29/2016 to 09/30/2016	1593313	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD. (NW CORNER)	W. 156TH ST.	CO	CO	02/29/2016 to 09/30/2016	1647298	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD. (NW CORNER)	W. 154TH ST.	CO	CO	02/29/2016 to 09/30/2016	1647221	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD. (SW CORNER)	W. MARINE AVE.	CO	CO	02/29/2016 to 09/30/2016	1647214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. MARINE AVE. (SW CORNER)	CRENSHAW BLVD.	CO	CO	02/29/2016 to 09/30/2016	1647213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. MARINE AVE. (NW CORNER)	CRENSHAW BLVD.	CO	CO	02/29/2016 to 09/30/2016	1647212	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	YUKON AVE. (NW CORNER)	MARINE AVE.	CO	CO	02/29/2016 to 09/30/2016	1593090	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. COMPTON BLVD. (SE CORNER)	S. AVALON BLVD.	CO	CO	02/29/2016 to 09/30/2016	1757119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. COMPTON BLVD. (SE CORNER)	S. AVALON BLVD.	CO	CO	02/29/2016 to 09/30/2016	1757122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. COMPTON BLVD. (NE CORNER)	S. AVALON BLVD.	CO	CO	02/29/2016 to 09/30/2016	1757120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. AVALON BLVD. (NE CORNER)	E. COMPTON BLVD.	CO	CO	02/29/2016 to 09/30/2016	1757118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. AVALON BLVD. (NW CORNER)	E. COMPTON BLVD.	CO	CO	02/29/2016 to 09/30/2016	1757116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. SAN PEDRO ST. (NE CORNER)	W. 149TH ST.	CO	CO	02/29/2016 to 09/30/2016	1702025	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. SAN PEDRO ST. (NW CORNER)	W. 149TH ST.	CO	CO	02/29/2016 to 09/30/2016	1702023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FINNEY CT. (SE CORNER)	S. SAN PEDRO ST.	CO	CO	02/29/2016 to 09/30/2016	1702022	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD. (SW CORNER)	W. 147TH ST.	CO	CO	02/29/2016 to 09/30/2016	1647202	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FINNEY CT. (NE CORNER)	S. SAN PEDRO ST.	CO	CO	02/29/2016 to 09/30/2016	1702020	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 147TH ST. (SW CORNER)	CRENSHAW BLVD.	CO	CO	02/29/2016 to 09/30/2016	1647201	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 147TH ST. (SW CORNER)	CRENSHAW BLVD.	CO	CO	02/29/2016 to 09/30/2016	1647200	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 147TH ST. (NW CORNER)	CRENSHAW BLVD.	CO	CO	02/29/2016 to 09/30/2016	1647203	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD. (NW CORNER)	147TH ST.	CO	CO	02/29/2016 to 09/30/2016	1647205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD. (SW CORNER)	W. 144TH ST.	CO	CO	02/29/2016 to 09/30/2016	1647206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CRENSHAW BLVD. (SW CORNER)	W. 144TH ST.	CO	CO	02/29/2016 to 09/30/2016	1647207	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. ROSECRANS AVE. (SE CORNER)	N. SAN PEDRO AVE.	CO	CO	02/29/2016 to 09/30/2016	1701288	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. ROSECRANS AVE. (NW CORNER)	N. SAN PEDRO AVE.	CO	CO	02/29/2016 to 09/30/2016	1701285	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. ROSECRANS AVE. (NW CORNER)	S. MAIN ST.	CO	CO	02/29/2016 to 09/30/2016	1701276	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. ROSECRANS AVE. (NE CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701274	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. BROADWAY (NW CORNER)	W. ROSECRANS AVE.	CO	CO	02/29/2016 to 09/30/2016	1701273	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. MAIN ST. (NW CORNER)	W. ROSECRANS AVE.	CO	CO	02/29/2016 to 09/30/2016	1701277	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. SAN PEDRO AVE. (NE CORNER)	W. ROSECRANS AVE.	CO	CO	02/29/2016 to 09/30/2016	1701287	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.2 - EXHIBIT E**

Certified Full Capture Systems Database

Dominguez Channels and L.A. Harbor Watersheds

Date: 08/31/2016

Reporting Year: 2016

Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements

L.A. County MS4 Permit

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	S. BROADWAY (NE CORNER)	W. ROSECRANS AVE.	CO	CO	02/29/2016 to 09/30/2016	1701272	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. MAIN ST. (NW CORNER)	W. ROSECRANS AVE.	CO	CO	02/29/2016 to 09/30/2016	1701278	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. MAIN ST. (NE CORNER)	W. 139TH ST	CO	CO	02/29/2016 to 09/30/2016	1701263	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 138TH ST (E CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701261	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 137TH PL. (SW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1592298	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 137TH PL. (NW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1592299	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 137TH ST. (SW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1592348	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 137TH ST. (NW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1592347	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. BROADWAY (SE CORNER)	W. 135TH ST.	CO	CO	02/29/2016 to 09/30/2016	1701249	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 135TH ST. (SW CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701248	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. BROADWAY (NE CORNER)	W. 135TH ST.	CO	CO	02/29/2016 to 09/30/2016	1701252	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 135TH ST. (NW CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701247	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AN/W. 135TH ST. (SW CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701239	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AN/W. 135TH ST. (SE CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701241	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. MAIN ST. (NW CORNER)	W. 135TH ST.	CO	CO	02/29/2016 to 09/30/2016	1701255	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AN/W. 135TH ST. (E CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701242	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. MAIN ST. (NE CORNER)	W. 135TH ST.	CO	CO	02/29/2016 to 09/30/2016	1701256	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 134TH PL. (SW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1592339	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AN/W. 135TH ST. (NE CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701240	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 135TH ST. (NE CORNER)	CRENSHAW BLVD.	CO	CO	02/29/2016 to 09/30/2016	1646115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 135TH ST. (NW CORNER)	CRENSHAW BLVD.	CO	CO	02/29/2016 to 09/30/2016	1646114	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 134TH ST. (E CORNER)	ERIEL AVE.	CO	CO	02/29/2016 to 09/30/2016	1646113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 132ND ST. (SE CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 132ND ST. (NE CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 132ND ST. (NW CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 132ND ST. (SW CORNER)	ATHENS WAY	CO	CO	02/29/2016 to 09/30/2016	1701050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 132ND ST. (NW CORNER)	S. BROADWAY	CO	CO	02/29/2016 to 09/30/2016	1701057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 132ND ST. (NW CORNER)	ATHENS WAY	CO	CO	02/29/2016 to 09/30/2016	1701049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. BROADWAY (NW CORNER)	W. 132ND ST.	CO	CO	02/29/2016 to 09/30/2016	1701058	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ATHENS WAY (NW CORNER)	W. 132ND ST.	CO	CO	02/29/2016 to 09/30/2016	1701051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ATHENS WAY (NE CORNER)	W. 132ND ST.	CO	CO	02/29/2016 to 09/30/2016	1701052	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. BROADWAY (NE CORNER)	W. 132ND ST.	CO	CO	02/29/2016 to 09/30/2016	1701059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. BROADWAY (NW CORNER)	W. 132ND ST.	CO	CO	02/29/2016 to 09/30/2016	1701036	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 131ST. ST (SW CORNER)	S. SPRING ST.	CO	CO	02/29/2016 to 09/30/2016	1701037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 131ST. ST (NW CORNER)	S. SPRING ST.	CO	CO	02/29/2016 to 09/30/2016	1701038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. SPRING ST. (NW CORNER)	W. 131ST. ST.	CO	CO	02/29/2016 to 09/30/2016	1701039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. SPRING ST. (NE CORNER)	W. 131ST. ST.	CO	CO	02/29/2016 to 09/30/2016	1701040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 131ST ST. (SW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1592150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 131ST ST. (NW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1592151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 129TH ST. (NW CORNER)	OCEAN GATE AVE.	CO	CO	02/29/2016 to 09/30/2016	1538167	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. MAIN ST. (SW CORNER)	W. EL SEGUNDO BLVD.	CO	CO	02/29/2016 to 09/30/2016	1701025	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. EL SEGUNDO BLVD. (SW CORNER)	S. SPRING ST.	CO	CO	02/29/2016 to 09/30/2016	1701020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. EL SEGUNDO BLVD. (SE CORNER)	S. SPRING ST.	CO	CO	02/29/2016 to 09/30/2016	1701021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. EL SEGUNDO BLVD. (SW CORNER)	OCEAN GATE AVE.	CO	CO	02/29/2016 to 09/30/2016	1538166	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. EL SEGUNDO BLVD. (NW CORNER)	BERENDO AVE.	CO	CO	02/29/2016 to 09/30/2016	1701112	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. MAIN ST. (NW CORNER)	W. EL SEGUNDO BLVD.	CO	CO	02/29/2016 to 09/30/2016	1701023	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. BROADWAY (NE CORNER)	W. EL SEGUNDO BLVD.	CO	CO	02/29/2016 to 09/30/2016	1701018	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. MAIN ST. (NW CORNER)	W. EL SEGUNDO BLVD.	CO	CO	02/29/2016 to 09/30/2016	1701022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. MAIN ST. (NE CORNER)	W. EL SEGUNDO BLVD.	CO	CO	02/29/2016 to 09/30/2016	1701024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. WESTERN AVE. (SE CORNER)	W. 127TH ST.	CO	CO	02/29/2016 to 09/30/2016	1646043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. WESTERN AVE. (SE CORNER)	W. 127TH ST.	CO	CO	02/29/2016 to 09/30/2016	1646044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 127TH ST. (SE CORNER)	S. WESTERN AVE.	CO	CO	02/29/2016 to 09/30/2016	1646045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. WESTERN AVE. (NE CORNER)	W. 127TH ST.	CO	CO	02/29/2016 to 09/30/2016	1646046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 126TH ST. (SE CORNER)	S. WESTERN AVE.	CO	CO	02/29/2016 to 09/30/2016	1646048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 126TH ST. (SE CORNER)	S. WESTERN AVE.	CO	CO	02/29/2016 to 09/30/2016	1646047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.2 - EXHIBIT E**

Certified Full Capture Systems Database

Dominguez Channels and L.A. Harbor Watersheds

Date: 08/31/2016

Reporting Year: 2016

Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements

L.A. County MS4 Permit

County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	S. WESTERN AVE. (NE CORNER)	W. 126TH ST.	CO	CO	02/29/2016 to 09/30/2016	1646049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 125TH ST. (SE CORNER)	S. WESTERN AVE.	CO	CO	02/29/2016 to 09/30/2016	1646050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. WESTERN AVE. (NE CORNER)	W. 125TH ST.	CO	CO	02/29/2016 to 09/30/2016	1646051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWAY (SE CORNER)	FELTON AVE.	CO	CO	02/29/2016 to 09/30/2016	1592170	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 124TH ST. (SE CORNER)	S. WESTERN AVE.	CO	CO	02/29/2016 to 09/30/2016	1646010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LA CIENEGA BLVD. (SW CORNER)	PACIFIC CONCOURSE DR.	CO	CO	02/29/2016 to 09/30/2016	1537065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PACIFIC CONCOURSE DR. (SW CORNER)	S. LA CIENEGA BLVD.	CO	CO	02/29/2016 to 09/30/2016	1537060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LA CIENEGA BLVD. (E CORNER)	PACIFIC CONCOURSE DR.	CO	CO	02/29/2016 to 09/30/2016	1537064	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 118TH PL. (E CORNER)	ISIS AVE.	CO	CO	02/29/2016 to 09/30/2016	1537058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ISIS AVE. (SE CORNER)	W. 116TH ST.	CO	CO	02/29/2016 to 09/30/2016	1537048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 115TH ST. (SE CORNER)	IMPERIAL HWY.	CO	CO	02/29/2016 to 09/30/2016	1645291	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 115TH ST. (SW CORNER)	IMPERIAL HWY.	CO	CO	02/29/2016 to 09/30/2016	1645290	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IMPERIAL HWY. (SW CORNER)	BRENDO AVE.	CO	CO	02/29/2016 to 09/30/2016	1700150	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IMPERIAL HWY. (SW CORNER)	S. NORMANDIE AVE.	CO	CO	02/29/2016 to 09/30/2016	1645292	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IMPERIAL HWY. (SE CORNER)	S. WILTON PL.	CO	CO	02/29/2016 to 09/30/2016	1645289	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IMPERIAL HWY. (NE CORNER)	S. VAN NESS AVE.	CO	CO	02/29/2016 to 09/30/2016	1645194	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IMPERIAL HWY. (NE CORNER)	S. WILTON PL.	CO	CO	02/29/2016 to 09/30/2016	1645280	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. WESTERN AVE. (NE CORNER)	IMPERIAL HWY.	CO	CO	02/29/2016 to 09/30/2016	1645284	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. NORMANDIE AVE. (NW CORNER)	IMPERIAL HWY.	CO	CO	02/29/2016 to 09/30/2016	1645287	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. WESTERN AVE. (NE CORNER)	IMPERIAL HWY.	CO	CO	02/29/2016 to 09/30/2016	1645283	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	112TH ST. (NW CORNER)	INGLEWOOD	CO	CO	02/29/2016 to 09/30/2016	1591264	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AVE. (SW CORNER)	111TH PL.	CO	CO	02/29/2016 to 09/30/2016	1591263	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	111TH PL. (SW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1591262	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	111TH PL. (NW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1591261	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. WESTERN AVE. (NW CORNER)	W. 111TH ST.	CO	CO	02/29/2016 to 09/30/2016	1645079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD (SE CORNER)	111TH ST.	CO	CO	02/29/2016 to 09/30/2016	1591221	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AVE. (SW CORNER)	111TH ST.	CO	CO	02/29/2016 to 09/30/2016	1591215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	111TH ST. (SE CORNER)	INGLEWOOD	CO	CO	02/29/2016 to 09/30/2016	1591220	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	111TH ST. (SW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1591214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	111TH ST. (NE CORNER)	INGLEWOOD	CO	CO	02/29/2016 to 09/30/2016	1591219	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AVE. (NE CORNER)	111TH ST.	CO	CO	02/29/2016 to 09/30/2016	1591218	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AVE. (NW CORNER)	111TH ST.	CO	CO	02/29/2016 to 09/30/2016	1591216	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AVE. (NW CORNER)	111TH ST.	CO	CO	02/29/2016 to 09/30/2016	1591217	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 110TH ST. (SE CORNER)	W. WESTERN AVE.	CO	CO	02/29/2016 to 09/30/2016	1645069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 110TH ST. (SE CORNER)	W. WESTERN AVE.	CO	CO	02/29/2016 to 09/30/2016	1645067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 110TH ST. (NE CORNER)	W. WESTERN AVE.	CO	CO	02/29/2016 to 09/30/2016	1645066	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. WESTERN AVE. (NE CORNER)	LOHENGRIN ST.	CO	CO	02/29/2016 to 09/30/2016	1645065	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. WESTERN AVE. (NW CORNER)	LOHENGRIN ST.	CO	CO	02/29/2016 to 09/30/2016	1645064	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CULLIVAN ST. (SE CORNER)	S. VAN NESS AVE.	CO	CO	02/29/2016 to 09/30/2016	1645174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. WESTERN AVE. (SW CORNER)	W. 108TH ST.	CO	CO	02/29/2016 to 09/30/2016	1645045	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AVE. (SW CORNER)	LENNOX BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591169	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LENNOX BLVD. (SE CORNER)	HAWTHORNE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LENNOX BLVD. (SW CORNER)	HAWTHORNE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LENNOX BLVD. (SW CORNER)	S. BURN AVE.	CO	CO	02/29/2016 to 09/30/2016	1591186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LENNOX BLVD. (SW CORNER)	INGLEWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	1591170	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 108TH ST. (NE CORNER)	S. VAN NESS AVE.	CO	CO	02/29/2016 to 09/30/2016	1645160	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LENNOX BLVD. (NW CORNER)	HAWTHORNE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LENNOX BLVD. (NE CORNER)	S. GREVILLEA AVE.	CO	CO	02/29/2016 to 09/30/2016	1591185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AVE. (NW CORNER)	LENNOX BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591171	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. BURN AVE. (NW CORNER)	LENNOX BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AVE. (NE CORNER)	LENNOX BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591174	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AVE. (NW CORNER)	LENNOX BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591172	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. BURN AVE. (NE CORNER)	LENNOX BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591188	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INGLEWOOD AVE. (NW CORNER)	LENNOX BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA (NE CORNER)	LENNOX BLVD.	CO	CO	02/29/2016 to 09/30/2016	1537030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

## ATTACHMENT 8.2 - EXHIBIT E

Certified Full Capture Systems Database  
Dominguez Channels and L.A. Harbor Watersheds

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	106TH ST. (SE CORNER)	HAWTHORNE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591157	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	106TH ST. (NE CORNER)	HAWTHORNE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591156	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA CIENEGA (NE CORNER)	106TH	CO	CO	02/29/2016 to 09/30/2016	1537028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	105TH ST. (NE CORNER)	HAWTHORNE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	104TH ST. (SE CORNER)	HAWTHORNE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	104TH ST. (SW CORNER)	HAWTHORNE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591572	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IRWIN (E CORNER)	LA CIENEGA	CO	CO	02/29/2016 to 09/30/2016	1537019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	104TH ST. (NE CORNER)	HAWTHORNE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	104TH ST. (NW CORNER)	HAWTHORNE BLVD.	CO	CO	02/29/2016 to 09/30/2016	1591571	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	104TH (NE CORNER)	FELTON	CO	CO	02/29/2016 to 09/30/2016	1591125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FELTON (NE CORNER)	104TH	CO	CO	02/29/2016 to 09/30/2016	1591124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IRWIN (N CORNER)	LA CIENEGA	CO	CO	02/29/2016 to 09/30/2016	1536197	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. WILTON PL. (SW CORNER)	W. CENTURY BLVD.	CO	CO	02/29/2016 to 09/30/2016	1644300	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. VAN NESS AVE. (SE CORNER)	W. CENTURY BLVD.	CO	CO	02/29/2016 to 09/30/2016	1644206	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. CENTURY BLVD. (SE CORNER)	S. WILTON PL.	CO	CO	02/29/2016 to 09/30/2016	1644302	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. CENTURY BLVD. (SE CORNER)	S. VAN NESS AVE.	CO	CO	02/29/2016 to 09/30/2016	1644298	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. CENTURY BLVD. (SE CORNER)	S. VAN NESS AVE.	CO	CO	02/29/2016 to 09/30/2016	1644205	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. CENTURY BLVD. (SE CORNER)	S. VAN NESS AVE.	CO	CO	02/29/2016 to 09/30/2016	1644204	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. 135TH ST. (NE CORNER)	S. FIGUEROA ST.	CO	CO	02/29/2016 to 09/30/2016	1701246	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

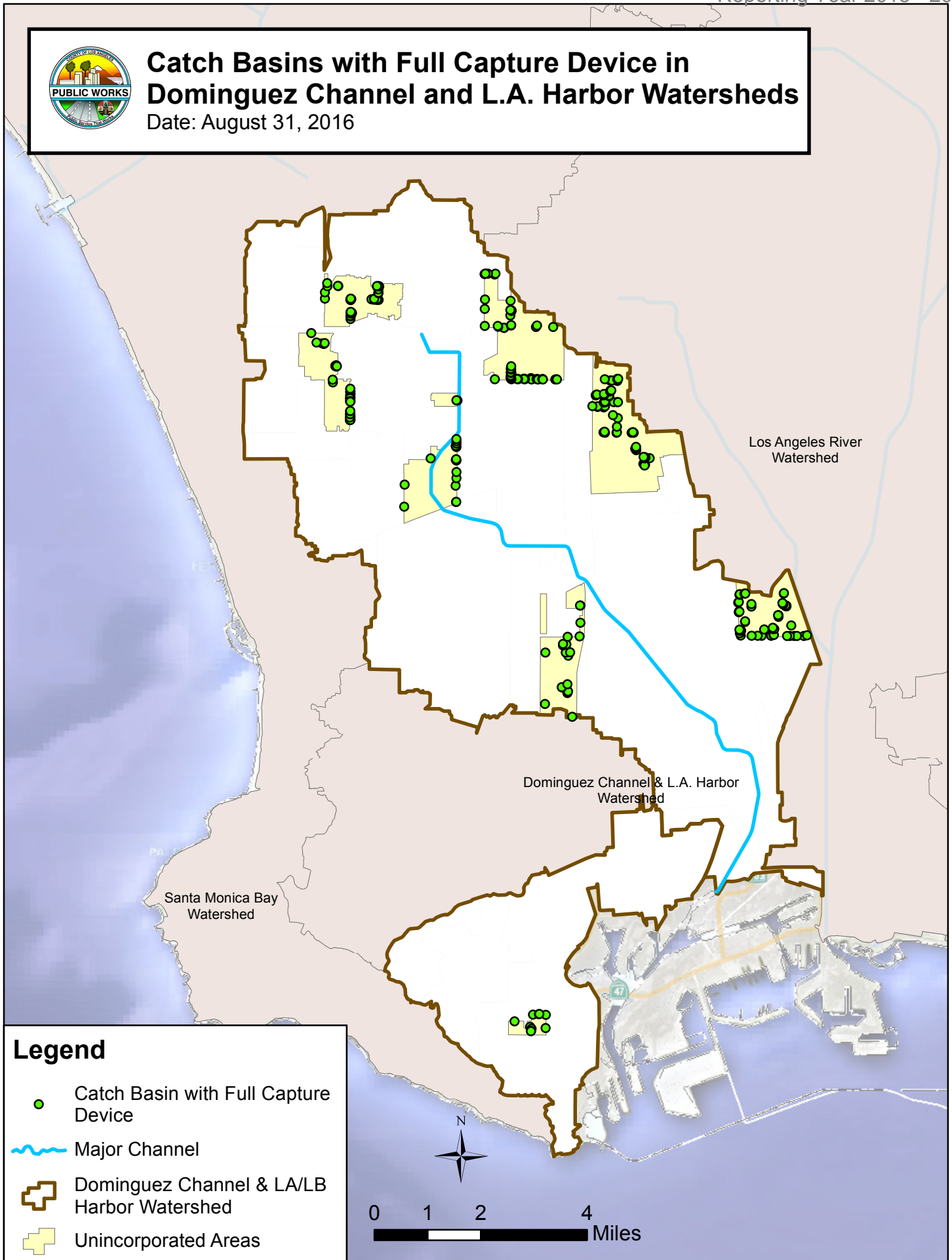
**Notations:**

- Form            Insert additional rows, as necessary
- Column 1:    Indicate certified full capture device (FCD) installed
- Column 2:    Name FCD street location and indicate whether: E - East, N - North; NE - North East; NW - North West; S - South; SE - South East; SW - South West; W - West
- Column 3:    Name the nearest cross street location of the FCD; A/E - Alleyway East of; A/N Alleyway North of
- Column 4:    FCD Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 5:    FCD Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 6:    Provide the date when FCD was installed
- Column 7:    Indicate County or City assigned catch basin (CB) identification (ID) numbers
- Column 8:    Type of CB based on Standard Plan for Public Works Construction from Greenbook Committee, Public Works Standards, Inc. (i.e., 300-2; 301-2; 302-2; 303-2; etc.)
- Column 9:    CB Owned by: DBH - Department of Beaches and Harbor; CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 10:    CB Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 11:    Indicate frequency of FCD maintenance (e.g. inspection & cleanout: 1x/3 mo., 1x/6 mo., 1x Nov., 1x Jan., 1x Aug., etc.)



# Catch Basins with Full Capture Device in Dominguez Channel and L.A. Harbor Watersheds

Date: August 31, 2016



**ATTACHMENT 8.2 - EXHIBIT F**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
San Gabriel River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	MEYER RD (NW1 CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2080013	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEYER RD (NE1 CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2080016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMENITA RD (NW1 CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2080024	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NW CORNER)	INEZ ST	CO	CO	02/02/2015 to 06/01/2015	2080028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INEZ ST (NW CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2080029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INEZ ST (NE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2080030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SW CORNER)	LELAND AV	CO	CO	02/02/2015 to 06/01/2015	2080031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NW CORNER)	LELAND AV	CO	CO	02/02/2015 to 06/01/2015	2080032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LELAND AV (NW1 CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2080033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LELAND AV (NW2 CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2080034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LELAND AV (NE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2080035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NE CORNER)	LELAND AV	CO	CO	02/02/2015 to 06/01/2015	2080036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SE CORNER)	LELAND AV	CO	CO	02/02/2015 to 06/01/2015	2080037	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HASTINGS DR (NW CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2080038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HASTINGS DR (NE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2080039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SW CORNER)	MEYER RD	CO	CO	02/02/2015 to 06/01/2015	2080040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SE CORNER)	MEYER RD	CO	CO	02/02/2015 to 06/01/2015	2080041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NE CORNER)	CARMENITA RD	CO	CO	02/02/2015 to 06/01/2015	2080078	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NW CORNER)	MEYER RD	CO	CO	02/02/2015 to 06/01/2015	2080280	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COTEAU DR (NW CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129219	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COTEAU DR (NE CORNER)	LOMA DR	CO	CO	02/02/2015 to 06/01/2015	2129220	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NE CORNER)	CONTEAU DR	CO	CO	02/02/2015 to 06/01/2015	2129221	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMA DR (NW CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129222	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMA DR (NE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129223	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NE CORNER)	LOMA DR	CO	CO	02/02/2015 to 06/01/2015	2129224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONTEAU DR (NW CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONTEAU DR (NE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129226	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NE CORNER)	CONTEAU DR	CO	CO	02/02/2015 to 06/01/2015	2129227	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY VIEW AV (NW CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129228	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY VIEW AV (NE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129229	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NW CORNER)	CORLEY DR	CO	CO	02/02/2015 to 06/01/2015	2129230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORLEY DR (NW1 CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORLEY DR (NW2 CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129232	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORLEY DR (NE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129233	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NE CORNER)	CORLEY DR	CO	CO	02/02/2015 to 06/01/2015	2129234	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SE CORNER)	CORLEY DR	CO	CO	02/02/2015 to 06/01/2015	2129235	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (N CORNER)	EAGAN DR	CO	CO	02/02/2015 to 06/01/2015	2129236	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGAN DR (SW CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129237	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGAN DR (SE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129238	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SE CORNER)	EAGAN DR	CO	CO	02/02/2015 to 06/01/2015	2129239	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD (SE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129240	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD (SW CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129241	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SE CORNER)	COLIMA RD	CO	CO	02/02/2015 to 06/01/2015	2129242	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NE CORNER)	COLIMA RD	CO	CO	02/02/2015 to 06/01/2015	2129243	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD (NE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129244	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD (NW CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129245	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER RD (SW CORNER)	RARITAN DR	CO	CO	02/02/2015 to 06/01/2015	2129259	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NE CORNER)	ARROYO DR	CO	CO	02/02/2015 to 06/01/2015	2129263	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NW CORNER)	TOERGE DR	CO	CO	02/02/2015 to 06/01/2015	2129266	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SW CORNER)	VALLEY VIEW RD	CO	CO	02/02/2015 to 06/01/2015	2129300	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMA DR (SE CORNER)	LEFFINGWELL RD	CO	CO	02/02/2015 to 06/01/2015	2129374	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (NW CORNER)	COTEAU DR	CO	CO	02/02/2015 to 06/01/2015	2130188	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SW CORNER)	CONTEAU DR	CO	CO	02/02/2015 to 06/01/2015	2130189	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD (NW CORNER)	COLLWOOD AV	CO	CO	02/02/2015 to 06/01/2015	2170121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD (SE CORNER)	ORANGE BLOSSOM AV	CO	CO	02/02/2015 to 06/01/2015	2170124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD (SE CORNER)	2ND ST	CO	CO	02/02/2015 to 06/01/2015	2170126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SW CORNER)	EL ARCO DR	CO	CO	02/02/2015 to 06/01/2015	2176103	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SE CORNER)	EL ARCO DR	CO	CO	02/02/2015 to 06/01/2015	2176104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SW CORNER)	SANTA GERTRUDES AV	CO	CO	02/02/2015 to 06/01/2015	2176106	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SE CORNER)	SANTA GERTRUDES AV	CO	CO	02/02/2015 to 06/01/2015	2176110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD (SW CORNER)	MOLLYKNOLL AV	CO	CO	02/02/2015 to 06/01/2015	2176116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris



**ATTACHMENT 8.2 - EXHIBIT F**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
San Gabriel River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	FOREST PARK LN (SE CORNER)	LEFFINGWELL RD.	CO	CO	02/02/2015 to 06/01/2015	2176118	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOREST PARK LN (NE CORNER)	LEFFINGWELL RD.	CO	CO	02/02/2015 to 06/01/2015	2176119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CONQUISTA AVE (SE CORNER)	E. HARCO ST.	CO	CO	02/29/2016 to 09/30/2016	1978230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. HARCO ST. (NW CORNER)	CONQUISTA AVE.	CO	CO	02/29/2016 to 09/30/2016	1978229	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IMPERIAL HWY (NW CORNER)	FIDEL AVE.	CO	CO	02/29/2016 to 09/30/2016	2080047	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IMPERIAL HWY (NE CORNER)	CARMENITA RD.	CO	CO	02/29/2016 to 09/30/2016	2080067	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IMPERIAL HWY (NE CORNER)	CARMENITA RD.	CO	CO	02/29/2016 to 09/30/2016	2080069	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FIDEL AVE. (NW CORNER)	IMPERIAL HWY.	CO	CO	02/29/2016 to 09/30/2016	2080048	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IMPERIAL HWY (NW CORNER)	VALLEY VIEW AVE.	CO	CO	02/29/2016 to 09/30/2016	2130212	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	IMPERIAL HWY (NE CORNER)	VALLEY VIEW AVE.	CO	CO	02/29/2016 to 09/30/2016	2130213	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHOEMAKER AVE. (NE CORNER)	IMPERIAL HWY.	CO	CO	02/29/2016 to 09/30/2016	2080104	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY VIEW AVE. (NE CORNER)	IMPERIAL HWY.	CO	CO	02/29/2016 to 09/30/2016	2130061	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. BUSBY DR. (SE CORNER)	IMPERIAL HWY.	CO	CO	02/29/2016 to 09/30/2016	2130217	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORLEY DR. (NW CORNER)	E. BUSBY DR.	CO	CO	02/29/2016 to 09/30/2016	2130214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SLENDORA DR. (SE CORNER)	FIDEL AVE.	CO	CO	02/29/2016 to 09/30/2016	2080049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL RD. (SW CORNER)	CARMENITA RD.	CO	CO	02/29/2016 to 09/30/2016	2080060	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMENITA RD. (NE CORNER)	LEFFINGWELL RD.	CO	CO	02/29/2016 to 09/30/2016	2080027	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMENITA RD. (NW CORNER)	LEFFINGWELL RD.	CO	CO	02/29/2016 to 09/30/2016	2080023	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMENITA RD. (NE CORNER)	LEFFINGWELL RD.	CO	CO	02/29/2016 to 09/30/2016	2080026	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMENITA RD. (NW CORNER)	LEFFINGWELL RD.	CO	CO	02/29/2016 to 09/30/2016	2080022	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMENITA RD. (NE CORNER)	LEFFINGWELL RD.	CO	CO	02/29/2016 to 09/30/2016	2080025	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMENITA RD. (NW CORNER)	LEFFINGWELL RD.	CO	CO	02/29/2016 to 09/30/2016	2080021	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEYER RD. (NW CORNER)	LEFFINGWELL RD.	CO	CO	02/29/2016 to 09/30/2016	2080012	306	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEYER RD. (NW CORNER)	LEFFINGWELL RD.	CO	CO	02/29/2016 to 09/30/2016	2080011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSEY DR. (S CORNER)	CREWE ST.	CO	CO	02/29/2016 to 09/30/2016	2080018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	RAMSEY DR. (S CORNER)	CREWE ST.	CO	CO	02/29/2016 to 09/30/2016	2080017	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MEYER RD. (NW CORNER)	INEZ AVE.	CO	CO	02/29/2016 to 09/30/2016	2079166	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEATY AVE. (SW CORNER)	MEYER RD.	CO	CO	02/29/2016 to 09/30/2016	2079165	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LEFFINGWELL ED. (NE CORNER)	TELEGRAPH RD.	CO	CO	02/29/2016 to 09/30/2016	2129218	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BEATY AVE. (NE CORNER)	CARMENITA RD.	CO	CO	02/29/2016 to 09/30/2016	2079160	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANLEFFINGWELL RD. (W CORNER)	OBERT AVE.	CO	CO	02/29/2016 to 09/30/2016	2129217	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD. (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2129215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (NE CORNER)	TELEGRAPH RD.	CO	CO	02/29/2016 to 09/30/2016	2129214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMENITA RD. (NW CORNER)	MEYER RD.	CO	CO	02/29/2016 to 09/30/2016	2079138	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLER RD (NE CORNER)	ARROYO DR.	CO	CO	02/29/2016 to 09/30/2016	2129260	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY VIEW AVE. (SE CORNER)	SYRACUSE ST.	CO	CO	02/29/2016 to 09/30/2016	2129205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SYRACUSE ST. (NE CORNER)	VALLEY VIEW AVE.	CO	CO	02/29/2016 to 09/30/2016	2129206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD. (SW CORNER)	CHADSEY DR.	CO	CO	02/29/2016 to 09/30/2016	2129208	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE. (NE CORNER)	TELEGRAPH RD.	CO	CO	02/29/2016 to 09/30/2016	2129147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VICTORIA AVE. (NE CORNER)	TELEGRAPH RD.	CO	CO	02/29/2016 to 09/30/2016	2129149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD. (NW CORNER)	VICTORIA AVE.	CO	CO	02/29/2016 to 09/30/2016	2079034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA MIRADA BLVD. (SW CORNER)	MULBERRY DR.	CO	CO	02/29/2016 to 09/30/2016	2129049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULBERRY DR. (SE CORNER)	LA MIRADA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2129051	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULBERRY DR. (NW CORNER)	LA MIRADA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2129047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULBERRY DR. (NE CORNER)	LA MIRADA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2129053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULBERRY DR. (NW CORNER)	ARROYO DR.	CO	CO	02/29/2016 to 09/30/2016	2129043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (NE CORNER)	TERRYKNOLL DR.	CO	CO	02/29/2016 to 09/30/2016	2129088	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FLORENCE AVE. (NW CORNER)	INEZ AVE.	CO	CO	02/29/2016 to 09/30/2016	2079022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLS AVE. (NE CORNER)	TELEGRAPH RD.	CO	CO	02/29/2016 to 09/30/2016	2079031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	A250N/FLRNC AVE (NW CORNER)	TELEGRAPH RD.	CO	CO	02/29/2016 to 09/30/2016	2079012	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD. (NW CORNER)	A250N/FLRNC AVE	CO	CO	02/29/2016 to 09/30/2016	2079011	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TELEGRAPH RD. (N CORNER)	A250N/FLRNC AVE	CO	CO	02/29/2016 to 09/30/2016	2079013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	INEZ AVE. (NE CORNER)	A350N/FLRNC AVE	CO	CO	02/29/2016 to 09/30/2016	2079010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAWES ST. (NW CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2129041	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWAY (SE CORNER)	MILLS AVE.	CO	CO	02/29/2016 to 09/30/2016	2129111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAMBERT RD. (NE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2129004	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LANNING DR. (NW CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2129002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAMBERT RD. (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2129005	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLS AVE. (SE CORNER)	BROADWAY	CO	CO	02/29/2016 to 09/30/2016	2129113	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLS AVE. (SE CORNER)	BROADWAY	CO	CO	02/29/2016 to 09/30/2016	2129179	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAUREL AVE. (NE CORNER)	TELEGRAPH RD.	CO	CO	02/29/2016 to 09/30/2016	2079002	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

ATTACHMENT 8.2 - EXHIBIT F

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
San Gabriel River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	COLIMA RD. (SW CORNER)	LAMBERT RD	CO	CO	02/29/2016 to 09/30/2016	2129003	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLS AVE. (SE CORNER)	DICKY ST.	CO	CO	02/29/2016 to 09/30/2016	2128147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLS AVE. (NE CORNER)	DICKY ST.	CO	CO	02/29/2016 to 09/30/2016	2128146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULBERRY DR. (SW CORNER)	MILLS AVE.	CO	CO	02/29/2016 to 09/30/2016	2128149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MILLS AVE. (NW CORNER)	MULBERRY DR.	CO	CO	02/29/2016 to 09/30/2016	2128148	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAUREL AVE. (SW CORNER)	AE/LAUREL AVE.	CO	CO	02/29/2016 to 09/30/2016	2078254	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMENITA RD. (SW CORNER)	LAUREL AVE.	CO	CO	02/29/2016 to 09/30/2016	2078257	NON-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CARMENITA RD. (SW CORNER)	LAUREL AVE.	CO	CO	02/29/2016 to 09/30/2016	2078256	NON-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LAUREL AVE. (SW CORNER)	CARMENITA RD.	CO	CO	02/29/2016 to 09/30/2016	2078255	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GUNN AVE. (NW CORNER)	MYSTIC ST.	CO	CO	02/29/2016 to 09/30/2016	2128145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PAINTER AVE. (NW CORNER)	CARMENITA RD.	CO	CO	02/29/2016 to 09/30/2016	2078202	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PAINTER AVE. (SW CORNER)	MULBERRY DR.	CO	CO	02/29/2016 to 09/30/2016	2078274	NON-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULBERRY DR. (NW CORNER)	PAINTER AVE.	CO	CO	02/29/2016 to 09/30/2016	2078275	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PAINTER AVE. (NE CORNER)	MULBERRY DR.	CO	CO	02/29/2016 to 09/30/2016	2078278	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MULBERRY DR. (NW CORNER)	PAINTER AVE.	CO	CO	02/29/2016 to 09/30/2016	2078276	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PAINTER AVE. (NE CORNER)	MULBERRY DR.	CO	CO	02/29/2016 to 09/30/2016	2078277	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SORENSEN AVE. (NE CORNER)	WASHINGTON BLVD.	CO	CO	02/29/2016 to 09/30/2016	2077205	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SORENSEN AVE. (NW CORNER)	WASHINGTON BLVD.	CO	CO	02/29/2016 to 09/30/2016	2077204	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON BLVD. (NW CORNER)	GRETNA AVE.	CO	CO	02/29/2016 to 09/30/2016	2077192	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRETNA AVE. (NE CORNER)	WASHINGTON BLVD.	CO	CO	02/29/2016 to 09/30/2016	2077194	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GRETNA AVE. (NW CORNER)	WASHINGTON BLVD.	CO	CO	02/29/2016 to 09/30/2016	2077193	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON BLVD. (NW CORNER)	WESTMAN AVE.	CO	CO	02/29/2016 to 09/30/2016	2077191	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON BLVD. (NW CORNER)	BROADWAY AVE.	CO	CO	02/29/2016 to 09/30/2016	2077188	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWAY AVE. (NE CORNER)	WASHINGTON BLVD.	CO	CO	02/29/2016 to 09/30/2016	2077190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BROADWAY AVE. (NW CORNER)	WASHINGTON BLVD.	CO	CO	02/29/2016 to 09/30/2016	2077189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WASHINGTON BLVD. (NW CORNER)	VANPORT AVE.	CO	CO	02/29/2016 to 09/30/2016	2024189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VANPORT AVE. (NW CORNER)	WASHINGTON BLVD.	CO	CO	02/29/2016 to 09/30/2016	2024187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VANPORT AVE. (NE CORNER)	WASHINGTON BLVD.	CO	CO	02/29/2016 to 09/30/2016	2024188	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. HACIENDA BLVD. (NW CORNER)	WINDRUSH DR.	CO	CO	02/29/2016 to 09/30/2016	2174019	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	AVALO DR.	CO	CO	02/29/2016 to 09/30/2016	2174010	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	AVALO DR.	CO	CO	02/29/2016 to 09/30/2016	2174011	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIDORA DR. (SW CORNER)	DUENAS DR.	CO	CO	02/29/2016 to 09/30/2016	2306110	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BREA CANYON CUTOFF RD. (SE CORNER)	ESQUILINE AVE.	CO	CO	02/29/2016 to 09/30/2016	2349071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HADLEY ST. (NW CORNER)	BROADWAY AVE.	CO	CO	02/29/2016 to 09/30/2016	2077085	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIDORA DR. (NW CORNER)	DUENAS DR.	CO	CO	02/29/2016 to 09/30/2016	2306111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ESQUILINE AVE. (SW CORNER)	LIVIOUS WY	CO	CO	02/29/2016 to 09/30/2016	2348130	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ESQUILINE AVE. (NW CORNER)	LIVIOUS WY	CO	CO	02/29/2016 to 09/30/2016	2348128	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BASTON AVE. (NW CORNER)	VIDORA DR.	CO	CO	02/29/2016 to 09/30/2016	2305053	NON-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BASTON AVE. (NE CORNER)	VIDORA DR.	CO	CO	02/29/2016 to 09/30/2016	2305052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PUNTA DEL ESTER DR. (SW CORNER)	SIERRA RIDGE WY	CO	CO	02/29/2016 to 09/30/2016	2219191	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ESQUILINE AVE. (NW CORNER)	BITHNIA WY.	CO	CO	02/29/2016 to 09/30/2016	2348127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD. (SE CORNER)	BROADWAY AVE.	CO	CO	02/29/2016 to 09/30/2016	2076151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD. (NE CORNER)	BROADWAY AVE.	CO	CO	02/29/2016 to 09/30/2016	2076150	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER BLVD. (NE CORNER)	BROADWAY AVE.	CO	CO	02/29/2016 to 09/30/2016	2076149	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NOGALES ST. (NE CORNER)	ADNEY ST.	CO	CO	02/29/2016 to 09/30/2016	2305217	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BASTON AVE. (SW CORNER)	CAMINO BELLO	CO	CO	02/29/2016 to 09/30/2016	2305051	NON-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BREA CANYON CUTOFF CTO (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2348314	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BREA CANYON CUTOFF CTO (SW CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2348118	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BREA CANYON CUTOFF CTO (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2348119	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. LARKVANE RD. (SE CORNER)	CAMINO BELLO	CO	CO	02/29/2016 to 09/30/2016	2262119	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NOGALES ST. (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2305216	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OTTERBEIN AVE. (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2305154	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA LEONE AVE. (SW CORNER)	JELLYCK AVE.	CO	CO	02/29/2016 to 09/30/2016	2305057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA LEONE AVE. (SW CORNER)	JELLYCK AVE.	CO	CO	02/29/2016 to 09/30/2016	2305058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	BREA CANYON CUTOFF CTO	CO	CO	02/29/2016 to 09/30/2016	2348120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA LEONE AVE. (NW CORNER)	JELLYCK AVE.	CO	CO	02/29/2016 to 09/30/2016	2305055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SIERRA LEONE AVE. (NW CORNER)	JELLYCK AVE.	CO	CO	02/29/2016 to 09/30/2016	2305056	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OTTERBEIN AVE. (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2305152	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	BREA CANYON CUTOFF CTO	CO	CO	02/29/2016 to 09/30/2016	2348121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	S. OTTERBEIN AVE.	CO	CO	02/29/2016 to 09/30/2016	2305151	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	S. OTTERBEIN AVE.	CO	CO	02/29/2016 to 09/30/2016	2305150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.2 - EXHIBIT F**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
San Gabriel River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	BASTON AVE. (SW CORNER)	CAMINO BELLO	CO	CO	02/29/2016 to 09/30/2016	2305049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NOGALES ST. (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2305215	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (NE CORNER)	BREA CANYON CUTOFF CTO	CO	CO	02/29/2016 to 09/30/2016	2348313	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	NOGALES ST.	CO	CO	02/29/2016 to 09/30/2016	2305071	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (NE CORNER)	S. OTTERBEIN AVE.	CO	CO	02/29/2016 to 09/30/2016	2305091	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	NOGALES ST.	CO	CO	02/29/2016 to 09/30/2016	2305070	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BASTON AVE. (NW CORNER)	CAMINO BELLO	CO	CO	02/29/2016 to 09/30/2016	2305045	NON-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DESIRE AVE. (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2305230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DESIRE AVE. (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2305229	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	GREENCASTLE AVE.	CO	CO	02/29/2016 to 09/30/2016	2305040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (NW CORNER)	NOGALES ST.	CO	CO	02/29/2016 to 09/30/2016	2305214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BATSON AVE. (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2305036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SW CORNER)	BATSON AVE.	CO	CO	02/29/2016 to 09/30/2016	2305047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BREA CANYON CUTOFF RD. (NW CORNER)	FAIRWAY DR.	CO	CO	02/29/2016 to 09/30/2016	2348111	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. OTTERBEIN AVE. (NW CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2305086	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY DR. (NE CORNER)	BREA CANYON CUTOFF RD.	CO	CO	02/29/2016 to 09/30/2016	2348117	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FULLERTON RD. (SW CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2262122	302	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FULLERTON RD. (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2262292	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FULLERTON RD. (SW CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2262121	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SW CORNER)	JELLYCK AVE.	CO	CO	02/29/2016 to 09/30/2016	2305034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SW CORNER)	JELLYCK AVE.	CO	CO	02/29/2016 to 09/30/2016	2305033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	BATSON AVE.	CO	CO	02/29/2016 to 09/30/2016	2305035	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SW CORNER)	BATSON AVE.	CO	CO	02/29/2016 to 09/30/2016	2305043	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OTTERBEIN AVE. (NE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2305087	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HOLBROOK ST. (NW CORNER)	NORWALK BLVD.	CO	CO	02/29/2016 to 09/30/2016	2076101	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORWALK BLVD. (SE CORNER)	HOLBROOK ST.	CO	CO	02/29/2016 to 09/30/2016	2076100	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAYLOFT PL. (SW CORNER)	COPPER HILL RD.	CO	CO	02/29/2016 to 09/30/2016	2219275	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NOGALES ST. (NE CORNER)	COLIMA	CO	CO	02/29/2016 to 09/30/2016	2305240	303	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NOGALES ST. (NE CORNER)	COLIMA	CO	CO	02/29/2016 to 09/30/2016	2305074	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (NW CORNER)	JELLYCK AVE.	CO	CO	02/29/2016 to 09/30/2016	2305032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (NW CORNER)	JELLYCK AVE.	CO	CO	02/29/2016 to 09/30/2016	2305031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. AZUSA AVE. (SW CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2262271	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAYLOFT PL. (SW CORNER)	COPPER HILL RD.	CO	CO	02/29/2016 to 09/30/2016	2219274	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	HAYLOFT PL. (SE CORNER)	COPPER HILL RD.	CO	CO	02/29/2016 to 09/30/2016	2219276	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COPPER HILL RD. (SW CORNER)	PEWTER CT.	CO	CO	02/29/2016 to 09/30/2016	2219277	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEWTER CT. (SE CORNER)	COPPER HILL RD.	CO	CO	02/29/2016 to 09/30/2016	2219278	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NORWALK BLVD. (N CORNER)	RINCON DR.	CO	CO	02/29/2016 to 09/30/2016	2076097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. AZUSA AVE. (SW CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2262035	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COPPER HILL RD. (SW CORNER)	COUNTRYWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	2219306	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COPPER HILL RD. (SE CORNER)	COUNTRYWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	2219305	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLEAR RIVER LN. (SE CORNER)	DEER TRAIL DR.	CO	CO	02/29/2016 to 09/30/2016	2219308	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. HACIENDA BLVD. (SW CORNER)	LA SUBIDA DR.	CO	CO	02/29/2016 to 09/30/2016	2219381	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEER TRAIL DR. (SW CORNER)	CLEAR RIVER LN.	CO	CO	02/29/2016 to 09/30/2016	2219310	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLEAR RIVER LN. (SE CORNER)	DEER TRAIL DR.	CO	CO	02/29/2016 to 09/30/2016	2219309	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLEAR RIVER LN. (NW CORNER)	DEER TRAIL DR.	CO	CO	02/29/2016 to 09/30/2016	2219311	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEER TRAIL DR. (NW CORNER)	COUNTRYWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	2219312	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COACHWOOD CT. (NW CORNER)	DEER TRAIL DR.	CO	CO	02/29/2016 to 09/30/2016	2219313	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALLE BARCELONA (SE CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2262220	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CALLE BARCELONA (SW CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2262268	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SW CORNER)	CALLE BARCELONA	CO	CO	02/29/2016 to 09/30/2016	2262281	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DEER TRAIL DR. (NW CORNER)	COUNTRYWOOD AVE.	CO	CO	02/29/2016 to 09/30/2016	2219314	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COACHWOOD CT. (NW CORNER)	DEER TRAIL DR.	CO	CO	02/29/2016 to 09/30/2016	2219315	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COUNTRYWOOD AVE. (E CORNER)	DEER TRAIL DR.	CO	CO	02/29/2016 to 09/30/2016	2219316	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. AZUSA AVE. (SW CORNER)	COLIMA RD.	CO	CO	02/29/2016 to 09/30/2016	2262028	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD (SW CORNER)	ALBATROSS RD.	CO	CO	02/29/2016 to 09/30/2016	2262282	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD (SW CORNER)	ALBATROSS RD.	CO	CO	02/29/2016 to 09/30/2016	2262080	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ASH (SW CORNER)	DESIDIA ST.	CO	CO	02/29/2016 to 09/30/2016	2305075	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	REGALADO ST. (SE CORNER)	S. HACIENDA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2219141	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SE CORNER)	MANOR GATE RD.	CO	CO	02/29/2016 to 09/30/2016	2262026	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (SW CORNER)	MANOR GATE RD.	CO	CO	02/29/2016 to 09/30/2016	2262024	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	COLIMA RD. (NE CORNER)	MANOR GATE RD.	CO	CO	02/29/2016 to 09/30/2016	2262025	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.2 - EXHIBIT F**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
San Gabriel River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	COLIMA RD. (SW CORNER)	PARK LAWN RD.	CO	CO	02/29/2016 to 09/30/2016	2219303	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. JELICK AVE. (W CORNER)	DESIDIA ST.	CO	CO	02/29/2016 to 09/30/2016	2305027	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NOGALES ST. (SW CORNER)	LABIN CT.	CO	CO	02/29/2016 to 09/30/2016	2305076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANNELLEN ST. (SE CORNER)	S. HACIENDA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2219140	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ANNELLEN ST. (NE CORNER)	S. HACIENDA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2219139	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	OAKBURN DR. (SE CORNER)	WALNUT DR. S.	CO	CO	02/29/2016 to 09/30/2016	2348270	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY DR. (SW CORNER)	WALNUT DR. S.	CO	CO	02/29/2016 to 09/30/2016	2348109	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT DR. N (NE CORNER)	OAKBURN DR.	CO	CO	02/29/2016 to 09/30/2016	2348108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TETLEY ST. (SW CORNER)	S. HACIENDA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2219138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PEPPER BROOK WY. (SW CORNER)	MANOR GATE RD.	CO	CO	02/29/2016 to 09/30/2016	2262021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TETLEY ST. (NW CORNER)	S. HACIENDA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2173040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TETLEY ST. (NE CORNER)	RICHDALE AVE.	CO	CO	02/29/2016 to 09/30/2016	2173038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WALNUT DR. N (SE CORNER)	OTTERBEIN AVE.	CO	CO	02/29/2016 to 09/30/2016	2305224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (SW CORNER)	NOGALES ST.	CO	CO	02/29/2016 to 09/30/2016	2305185	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (NW CORNER)	NOGALES ST.	CO	CO	02/29/2016 to 09/30/2016	2305186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WEDGEWORTH DR. (NW CORNER)	EAGLE PARK DR.	CO	CO	02/29/2016 to 09/30/2016	2219034	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (NW CORNER)	NOGALES ST.	CO	CO	02/29/2016 to 09/30/2016	2305222	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE PARK RD. (NW CORNER)	WEDGEWORTH DR.	CO	CO	02/29/2016 to 09/30/2016	2219033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	EAGLE PARK RD. (N CORNER)	WEDGEWORTH DR.	CO	CO	02/29/2016 to 09/30/2016	2219032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOREST GLEN DR. (NE CORNER)	WEDGEWORTH DR.	CO	CO	02/29/2016 to 09/30/2016	2219030	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOREST GLEN DR. (NW CORNER)	WEDGEWORTH DR.	CO	CO	02/29/2016 to 09/30/2016	2219029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FOREST GLEN DR. (N CORNER)	WEDGEWORTH DR.	CO	CO	02/29/2016 to 09/30/2016	2219031	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN JOSE AVE. (NE CORNER)	NOGALES ST.	CO	CO	02/29/2016 to 09/30/2016	2305010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN JOSE AVE. (SW CORNER)	FAIRWAY DR.	CO	CO	02/29/2016 to 09/30/2016	2305159	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN JOSE AVE. (NW CORNER)	FAIRWAY DR.	CO	CO	02/29/2016 to 09/30/2016	2305160	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SAN JOSE AVE. (SW CORNER)	FAIRWAY DR.	CO	CO	02/29/2016 to 09/30/2016	2305158	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NOGALES ST. (SE CORNER)	SAN JOSE	CO	CO	02/29/2016 to 09/30/2016	2305015	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FAIRWAY DR. (SW CORNER)	SAN JOSE AVE.	CO	CO	02/29/2016 to 09/30/2016	2305157	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NE CORNER)	LA SEDA RD.	CO	CO	02/29/2016 to 09/30/2016	2304043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA SEDA RD. (NE CORNER)	VALLEY BLVD.	CO	CO	02/29/2016 to 09/30/2016	2304044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LA SEDA RD. (NW CORNER)	VALLEY BLVD.	CO	CO	02/29/2016 to 09/30/2016	2304045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. HACIENDA BLVD. (SW CORNER)	THREE PALMS ST.	CO	CO	02/29/2016 to 09/30/2016	2218206	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	THREE PALMS ST. (SW CORNER)	S. HACIENDA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2218205	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NE CORNER)	TRAFALGAR AVE.	CO	CO	02/29/2016 to 09/30/2016	2304023	NON-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TRAFALGAR AVE. (NE CORNER)	VALLEY BLVD.	CO	CO	02/29/2016 to 09/30/2016	2304024	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NE CORNER)	YORBITA RD.	CO	CO	02/29/2016 to 09/30/2016	2304022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NE CORNER)	RANCHO LA PUENTE RD.	CO	CO	02/29/2016 to 09/30/2016	2261049	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NW CORNER)	RANCHO LA PUENTE RD.	CO	CO	02/29/2016 to 09/30/2016	2261050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NE CORNER)	ALDERTON AVE.	CO	CO	02/29/2016 to 09/30/2016	2261045	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NW CORNER)	ALDERTON AVE.	CO	CO	02/29/2016 to 09/30/2016	2261042	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALDERTON AVE. (NE CORNER)	VALLEY BLVD.	CO	CO	02/29/2016 to 09/30/2016	2261044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALDERTON AVE. (NW CORNER)	VALLEY BLVD.	CO	CO	02/29/2016 to 09/30/2016	2261043	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	ALDERTON AVE. (NW CORNER)	MACLAREN ST.	CO	CO	02/29/2016 to 09/30/2016	2261046	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CURRIER RD. (NW CORNER)	BREA CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	2347073	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CURRIER RD. (NW CORNER)	BREA CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	2347074	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHADYBEND DR. (NW CORNER)	PONTENOVA AVE.	CO	CO	02/29/2016 to 09/30/2016	2218138	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	SHADYBEND DR. (CORNER)	S. HACIENDA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2218127	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MARCHMONT AVE. (SW CORNER)	E. GALE AVE.	CO	CO	02/29/2016 to 09/30/2016	2218283	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FALSTONE AVE. (SW CORNER)	GALE AVE.	CO	CO	02/29/2016 to 09/30/2016	2218279	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (NE CORNER)	FALSTONE AVE.	CO	CO	02/29/2016 to 09/30/2016	2218282	NON-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	NOGALES ST. (SE CORNER)	LA PUENTE RD.	CO	CO	02/29/2016 to 09/30/2016	2304082	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NE CORNER)	S. LEMON AVE.	CO	CO	02/29/2016 to 09/30/2016	2347053	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (SE CORNER)	GALEMONT AVE.	CO	CO	02/29/2016 to 09/30/2016	2218125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (SW CORNER)	GALEMONT AVE.	CO	CO	02/29/2016 to 09/30/2016	2218123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (SE CORNER)	FARMSTEAD AVE.	CO	CO	02/29/2016 to 09/30/2016	2218124	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (NE CORNER)	FARMSTEAD AVE.	CO	CO	02/29/2016 to 09/30/2016	2218122	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUNSWELL AVE. (SE CORNER)	GALE AVE.	CO	CO	02/29/2016 to 09/30/2016	2218120	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DUNSWELL AVE. (SW CORNER)	GALE AVE.	CO	CO	02/29/2016 to 09/30/2016	2218119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (SE CORNER)	DUNSWELL AVE.	CO	CO	02/29/2016 to 09/30/2016	2218121	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KWIS AVE. (SW CORNER)	GALE AVE.	CO	CO	02/29/2016 to 09/30/2016	2218113	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	KWIS AVE. (SE CORNER)	GALE AVE.	CO	CO	02/29/2016 to 09/30/2016	2218115	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.2 - EXHIBIT F**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
San Gabriel River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	KWIS AVE. (SW CORNER)	GALE AVE.	CO	CO	02/29/2016 to 09/30/2016	2218112	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (SE CORNER)	KWIS AVE.	CO	CO	02/29/2016 to 09/30/2016	2218209	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	GALE AVE. (SW CORNER)	KWIS AVE.	CO	CO	02/29/2016 to 09/30/2016	2218111	NON-STD	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TURNBULL CANYON RD. (SE CORNER)	SHADYBEND DR.	CO	CO	02/29/2016 to 09/30/2016	2127071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TURNBULL CANYON RD. (SW CORNER)	GALE AVE.	CO	CO	02/29/2016 to 09/30/2016	2172029	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MISSION MILL RD. (SE CORNER)	WORKMAN MILL RD.	CO	CO	02/29/2016 to 09/30/2016	2075006	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WORKMAN MILL RD. (NE CORNER)	SHALLOWBROOK RD.	CO	CO	02/29/2016 to 09/30/2016	2075010	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLARK AVE. (SW CORNER)	TURNBULL CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	2172014	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CLARK AVE. (NW CORNER)	TURNBULL CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	2172013	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALENCIA AVE. (SE CORNER)	CLARK AVE.	CO	CO	02/29/2016 to 09/30/2016	2172144	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	9TH AVE. (SE CORNER)	CLARK AVE.	CO	CO	02/29/2016 to 09/30/2016	2172009	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WORKMAN MILL RD. (S. MEDIAN CORNER)	PECK RD.	CO	CO	02/29/2016 to 09/30/2016	2075144	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PECK RD. (NW CORNER)	WORKMAN MILL RD.	CO	CO	02/29/2016 to 09/30/2016	2075016	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. AZUSA AVE. (SE CORNER)	TEMPLE AVE.	CO	CO	02/29/2016 to 09/30/2016	2280159	301	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. AZUSA AVE. (SE CORNER)	TEMPLE AVE.	CO	CO	02/29/2016 to 09/30/2016	2280161	303	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TEMPLE AVE. (SE CORNER)	S. AZUSA AVE.	CO	CO	02/29/2016 to 09/30/2016	2280163	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TEMPLE AVE. (SE CORNER)	S. AZUSA AVE.	CO	CO	02/29/2016 to 09/30/2016	2280162	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. AZUSA AVE. (NW CORNER)	TEMPLE AVE.	CO	CO	02/29/2016 to 09/30/2016	2280155	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TEMPLE AVE. (SW CORNER)	WOODGATE DR.	CO	CO	02/29/2016 to 09/30/2016	2280165	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROCTOR AVE. (NE CORNER)	S. 8TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171207	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. 6TH AVE. (NE CORNER)	LOMITAS AVE.	CO	CO	02/29/2016 to 09/30/2016	2171199	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROCTOR AVE. (NE CORNER)	S. 8TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171208	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. 8TH AVE. (NE CORNER)	PROCTOR AVE.	CO	CO	02/29/2016 to 09/30/2016	2171209	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (SE CORNER)	S. 9TH. ST.	CO	CO	02/29/2016 to 09/30/2016	2217139	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROCTOR AVE. (NW CORNER)	S. 8TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171211	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. 8TH AVE. (NW CORNER)	PROCTOR AVE.	CO	CO	02/29/2016 to 09/30/2016	2171210	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. 6TH AVE. (NE CORNER)	LOMITAS AVE.	CO	CO	02/29/2016 to 09/30/2016	2171200	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMITAS AVE. (SW CORNER)	S. 6TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171135	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMITAS AVE. (SW CORNER)	S. 6TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (SE CORNER)	S. 9TH. ST.	CO	CO	02/29/2016 to 09/30/2016	2217253	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VIA SUR AVE. (NE CORNER)	WHITTIER WOODS DR.	CO	CO	02/29/2016 to 09/30/2016	2124044	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WHITTIER WOODS DR. (NW CORNER)	VIA SUR AVE.	CO	CO	02/29/2016 to 09/30/2016	2124041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CORALRIDGE PL. (S CORNER)	DON JULIAN RD.	CO	CO	02/29/2016 to 09/30/2016	2171227	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (SW CORNER)	CALIFORNIA AVE.	CO	CO	02/29/2016 to 09/30/2016	2171152	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROCTOR AVE. (NE CORNER)	S. 7TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. 7TH AVE. (NE CORNER)	PROCTOR AVE.	CO	CO	02/29/2016 to 09/30/2016	2171215	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	5TH AVE. (SW CORNER)	DON JULIAN RD.	CO	CO	02/29/2016 to 09/30/2016	2171126	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (SE CORNER)	S. 7TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171150	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (SE CORNER)	S. 7TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171149	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S 6TH AVE. (SE CORNER)	PROCTOR AVE.	CO	CO	02/29/2016 to 09/30/2016	2171139	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NE CORNER)	S. 7TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171181	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROCTOR AVE. (NW CORNER)	S 6TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PROCTOR AVE. (NW CORNER)	S 6TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171052	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. 6TH AVE. (SW CORNER)	VALLEY BLVD.	CO	CO	02/29/2016 to 09/30/2016	2171057	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	LOMITAS AVE. (NW CORNER)	GREENDALE DR.	CO	CO	02/29/2016 to 09/30/2016	2171108	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (SE CORNER)	S. 6TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171180	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. 5TH AVE. (SE CORNER)	VALLEY BLVD.	CO	CO	02/29/2016 to 09/30/2016	2171050	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (SE CORNER)	S. 5TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171173	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WORKMAN MILL RD. (SE CORNER)	DON JULIAN RD.	CO	CO	02/29/2016 to 09/30/2016	2171091	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DON JULIAN RD. (NE CORNER)	WORKMAN MILL RD.	CO	CO	02/29/2016 to 09/30/2016	2171092	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. 4TH AVE. (SE CORNER)	VALLEY BLVD.	CO	CO	02/29/2016 to 09/30/2016	2171019	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WORKMAN MILL RD. (SW CORNER)	DON JULIAN RD.	CO	CO	02/29/2016 to 09/30/2016	2171090	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. 4TH AVE. (SW CORNER)	VALLEY BLVD.	CO	CO	02/29/2016 to 09/30/2016	2171018	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DON JULIAN RD. (SE CORNER)	WORKMAN MILL RD.	CO	CO	02/29/2016 to 09/30/2016	2171093	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (SE CORNER)	S. 4TH AVE.	CO	CO	02/29/2016 to 09/30/2016	2171020	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. 3RD AVE. (SW CORNER)	WORKMAN MILL RD.	CO	CO	02/29/2016 to 09/30/2016	2171072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (SE CORNER)	N. PUENTE AVE.	CO	CO	02/29/2016 to 09/30/2016	2171080	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WORKMAN MILL RD. (SE CORNER)	S. 3RD AVE.	CO	CO	02/29/2016 to 09/30/2016	2171074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NE CORNER)	N. PUENTE AVE.	CO	CO	02/29/2016 to 09/30/2016	2171079	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	WORKMAN MILL RD. (NE CORNER)	PROCTOR AVE.	CO	CO	02/29/2016 to 09/30/2016	2171068	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	MAPLEGROVE ST. (NE CORNER)	VALINDA AVE.	CO	CO	02/29/2016 to 09/30/2016	2280047	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

**ATTACHMENT 8.2 - EXHIBIT F**

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified Full Capture Systems Database  
San Gabriel River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	VALLEY BLVD. (SW CORNER)	WORKMAN MILL RD.	CO	CO	02/29/2016 to 09/30/2016	2171076	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMAR RD. (SE CORNER)	N. SUNSET AVE.	CO	CO	02/29/2016 to 09/30/2016	2217074	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AMAR RD. (SE CORNER)	N. SUNSET AVE.	CO	CO	02/29/2016 to 09/30/2016	2216190	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. SUNSET AVE. (SE CORNER)	AMAR RD.	CO	CO	02/29/2016 to 09/30/2016	2216189	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. SUNSET AVE. (NE CORNER)	AMAR RD.	CO	CO	02/29/2016 to 09/30/2016	2216186	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. SUNSET AVE. (NE CORNER)	AMAR RD.	CO	CO	02/29/2016 to 09/30/2016	2216187	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. HACIENDA BLVD. (NW CORNER)	N. MAPLEGROVE ST.	CO	CO	02/29/2016 to 09/30/2016	2216244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NE CORNER)	S. 2ND AVE.	CO	CO	02/29/2016 to 09/30/2016	2170125	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD (SW CORNER)	S. ORANGE BLOSSOM AVE	CO	CO	02/29/2016 to 09/30/2016	2170123	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRANCISQUITO AVE. (SE CORNER)	S. WALNUT AVE.	CO	CO	02/29/2016 to 09/30/2016	2259119	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRANCISQUITO AVE. (NW CORNER)	S. MULLENDER AVE.	CO	CO	02/29/2016 to 09/30/2016	2216225	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRANCISQUITO AVE. (NE CORNER)	AILERON AVE.	CO	CO	02/29/2016 to 09/30/2016	2216224	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	FRANCISQUITO AVE. (NE CORNER)	S. GLENDORA AVE.	CO	CO	02/29/2016 to 09/30/2016	2216218	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AILERON AVE. (NE CORNER)	FRANCISQUITO AVE.	CO	CO	02/29/2016 to 09/30/2016	2216223	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	AILERON AVE. (NW CORNER)	FRANCISQUITO AVE.	CO	CO	02/29/2016 to 09/30/2016	2216222	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. GLENDORA AVE. (NE CORNER)	FRANCISQUITO AVE.	CO	CO	02/29/2016 to 09/30/2016	2216216	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	S. GLENDORA AVE. (NE CORNER)	FRANCISQUITO AVE.	CO	CO	02/29/2016 to 09/30/2016	2216217	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (SE CORNER)	AE/SAN FIDEL AVE.	CO	CO	02/29/2016 to 09/30/2016	2170243	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VALLEY BLVD. (NE CORNER)	AE/SAN FIDEL AVE.	CO	CO	02/29/2016 to 09/30/2016	2170244	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	TEMPLE AVE. (NE CORNER)	VALLEY BLVD.	CO	CO	02/29/2016 to 09/30/2016	2170248	300	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. TEMPLE AVE. (NW CORNER)	VINELAND AVE.	CO	CO	02/29/2016 to 09/30/2016	2170097	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VINELAND AVE. (NE CORNER)	E. TEMPLE AVE.	CO	CO	02/29/2016 to 09/30/2016	2170143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VINELAND AVE. (NE CORNER)	E. TEMPLE AVE.	CO	CO	02/29/2016 to 09/30/2016	2170144	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	VINELAND AVE. (NE CORNER)	E. TEMPLE AVE.	CO	CO	02/29/2016 to 09/30/2016	2170146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. GRAND AVE (SE CORNER)	E. CYPRESS ST.	CO	CO	02/29/2016 to 09/30/2016	2300197	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CYPRESS ST. (SE CORNER)	N. GRAND AVE	CO	CO	02/29/2016 to 09/30/2016	2300198	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CYPRESS ST. (SE CORNER)	N. LARK ELLEN AVE.	CO	CO	02/29/2016 to 09/30/2016	2252223	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CYPRESS ST. (SW CORNER)	N. BENDER AVE.	CO	CO	02/29/2016 to 09/30/2016	2343365	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CYPRESS ST. (NE CORNER)	N. GRAND AVE	CO	CO	02/29/2016 to 09/30/2016	2300201	304	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CYPRESS ST. (NE CORNER)	N. GRAND AVE	CO	CO	02/29/2016 to 09/30/2016	2300202	302	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CYPRESS ST. (NE CORNER)	N. GRAND AVE	CO	CO	02/29/2016 to 09/30/2016	2300200	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. GRAND AVE (NE CORNER)	E. CYPRESS ST.	CO	CO	02/29/2016 to 09/30/2016	2300203	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. GRAND AVE (NE CORNER)	E. CYPRESS ST.	CO	CO	02/29/2016 to 09/30/2016	2300021	306	CO	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. GRAND AVE (SE CORNER)	E. COVINA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2300023	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. COVINA BLVD. (NE CORNER)	N. WESTRIDGE AVE.	CO	CO	02/29/2016 to 09/30/2016	2343363	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. COVINA BLVD. (NW CORNER)	N. SUNFLOWER AVE.	CO	CO	02/29/2016 to 09/30/2016	2343021	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. SUNFLOWER AVE. (NW CORNER)	E. COVINA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2343022	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. GRAND AVE (NE CORNER)	E. COVINA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2300033	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. GRAND AVE (NE CORNER)	E. COVINA BLVD.	CO	CO	02/29/2016 to 09/30/2016	2300032	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. GRAND AVE (SE CORNER)	E. CIENEGA AVE.	CO	CO	02/29/2016 to 09/30/2016	2300036	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CIENEGA AVE. (SE CORNER)	N. GRAND AVE	CO	CO	02/29/2016 to 09/30/2016	2300038	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CIENEGA AVE. (SE CORNER)	N. GRAND AVE	CO	CO	02/29/2016 to 09/30/2016	2300037	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CIENEGA AVE. (NE CORNER)	N. GRAND AVE	CO	CO	02/29/2016 to 09/30/2016	2300041	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CIENEGA AVE. (NE CORNER)	N. GRAND AVE	CO	CO	02/29/2016 to 09/30/2016	2300040	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. CIENEGA AVE. (NE CORNER)	N. GRAND AVE	CO	CO	02/29/2016 to 09/30/2016	2300039	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. ASHERTON AVE. (NW CORNER)	E. CIENEGA AVE.	CO	CO	02/29/2016 to 09/30/2016	2343055	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. GLENDORA AVE. (NW CORNER)	E. CALORA ST.	CO	CO	02/29/2016 to 09/30/2016	2343107	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. SUNFLOWER AVE. (SE CORNER)	CALORA ST.	CO	CO	02/29/2016 to 09/30/2016	2343059	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. SUNFLOWER AVE. (NW CORNER)	CALORA ST.	CO	CO	02/29/2016 to 09/30/2016	2343058	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	BONNIE COVE AVE. (NW CORNER)	STEPHANIE DR.	CO	CO	02/29/2016 to 09/30/2016	2343071	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. BARRANCA AVE. (SE CORNER)	ARROW HWY.	CO	CO	02/29/2016 to 09/30/2016	2300054	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (SW CORNER)	N. LYMAN AVE.	CO	CO	02/29/2016 to 09/30/2016	2342140	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (SE CORNER)	BONNIE COVE AVE.	CO	CO	02/29/2016 to 09/30/2016	2342115	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (SE CORNER)	BONNIE COVE AVE.	CO	CO	02/29/2016 to 09/30/2016	2342139	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (SE CORNER)	N. SUNFLOWER AVE.	CO	CO	02/29/2016 to 09/30/2016	2342160	301	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (SE CORNER)	CITRUS AVE.	CO	CO	02/29/2016 to 09/30/2016	2299192	307	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (SE CORNER)	CITRUS AVE.	CO	CO	02/29/2016 to 09/30/2016	2299191	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (NE CORNER)	BONNIE COVE AVE.	CO	CO	02/29/2016 to 09/30/2016	2342116	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (NE CORNER)	BONNIE COVE AVE.	CO	CO	02/29/2016 to 09/30/2016	2342133	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (NW CORNER)	N. LYMAN AVE.	CO	CO	02/29/2016 to 09/30/2016	2342134	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (NW CORNER)	N. LYMAN AVE.	CO	CO	02/29/2016 to 09/30/2016	2342136	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

## ATTACHMENT 8.2 - EXHIBIT F

Certified Full Capture Systems Database  
San Gabriel River Watershed

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	E. ARROW HWY (NW CORNER)	N LYMAN AVE.	CO	CO	02/29/2016 to 09/30/2016	2342137	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (NE CORNER)	N. SUNFLOWER AVE.	CO	CO	02/29/2016 to 09/30/2016	2342161	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (NE CORNER)	N. SUNFLOWER AVE.	CO	CO	02/29/2016 to 09/30/2016	2342162	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (NE CORNER)	N. SUNFLOWER AVE.	CO	CO	02/29/2016 to 09/30/2016	2342163	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. ARROW HWY (NE CORNER)	N. CLYDEBANK AVE.	CO	CO	02/29/2016 to 09/30/2016	2256145	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. CLYDEBANK AVE. (NE CORNER)	E. ARROW HWY	CO	CO	02/29/2016 to 09/30/2016	2256146	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. CLYDEBANK AVE. (NE CORNER)	E. ARROW HWY	CO	CO	02/29/2016 to 09/30/2016	2256214	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. CLYDEBANK AVE. (NW CORNER)	E. ARROW HWY	CO	CO	02/29/2016 to 09/30/2016	2256143	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	Milburgh Rd. (SE CORNER)	N. CLYDEBANK AVE.	CO	CO	02/29/2016 to 09/30/2016	2256147	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	N. BARRANCA AVE. (NW CORNER)	SAN JOSE	CO	CO	02/29/2016 to 09/30/2016	2299232	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	W. GLADSTONE ST. (SW CORNER)	N. LARK ELLEN AVE.	CO	CO	02/29/2016 to 09/30/2016	2256171	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	DON JULIAN RD. (SE CORNER)	CORALRIDGE PL.	CO	CO	02/29/2016 to 09/30/2016	2171153	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	CURRIER RD. (SW CORNER)	BREA CANYON RD.	CO	CO	02/29/2016 to 09/30/2016	2347072	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PALO VERDE AVE. (SW CORNER)	E. HARCO ST.	CO	CO	02/29/2016 to 09/30/2016	1978231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

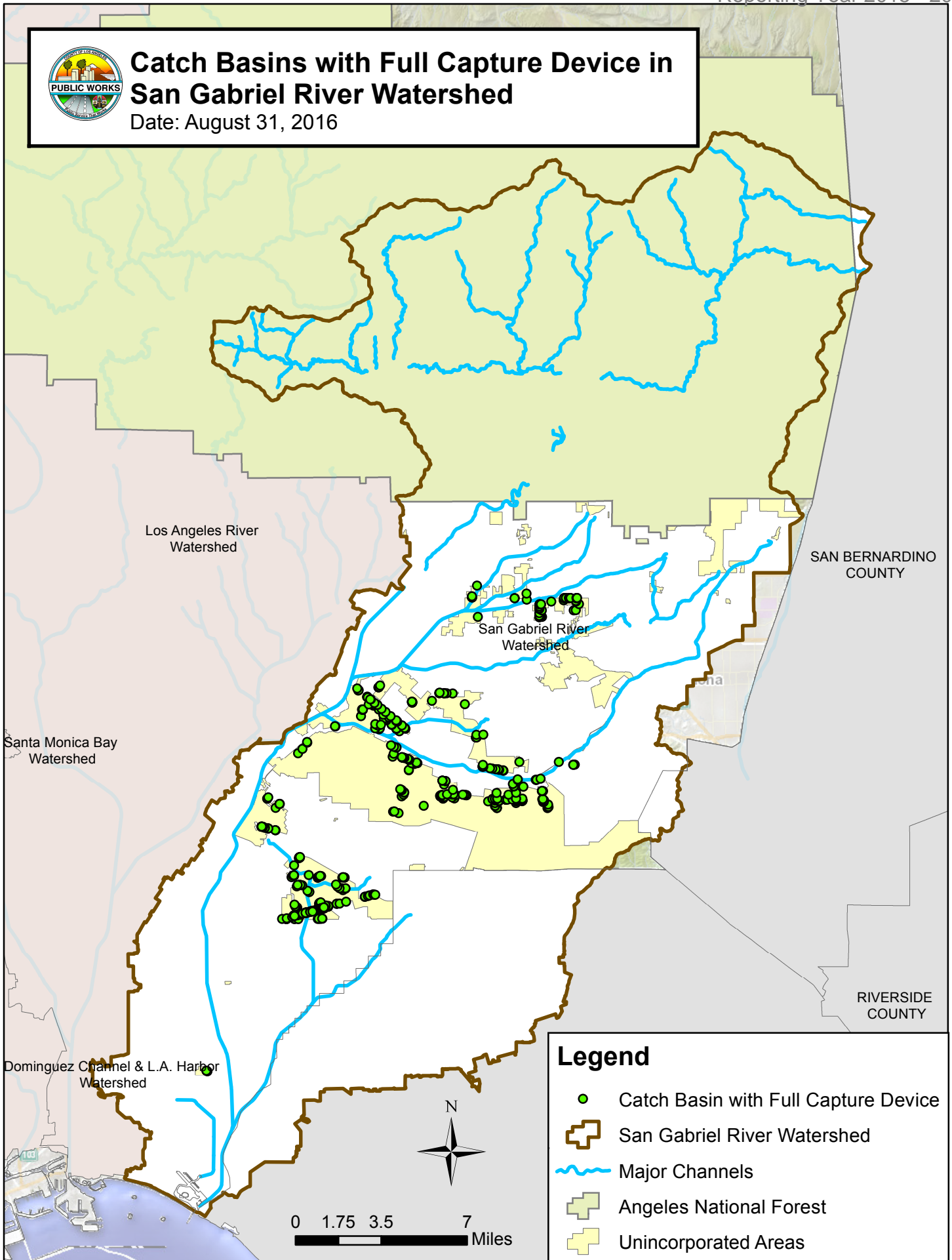
**Notations:**

- Form: Insert additional rows, as necessary
- Column 1: Indicate certified full capture device (FCD) installed
- Column 2: Name FCD street location and indicate whether: E - East, N - North; NE - North East; NW - North West; S - South; SE - South East; SW - South West; W - West
- Column 3: Name the nearest cross street location of the FCD; AE - Alleyway East of; A/N Alleyway North of
- Column 4: FCD Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 5: FCD Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 6: Provide the date when FCD was installed
- Column 7: Indicate County or City assigned catch basin (CB) identification (ID) numbers
- Column 8: Type of CB based on Standard Plan for Public Works Construction from Greenbook Committee, Public Works Standards, Inc. (i.e., 300-2; 301-2; 302-2; 303-2; etc.)
- Column 9: CB Owned by: DBH - Department of Beaches and Harbor; CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 10: CB Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 11: Indicate frequency of FCD maintenance (e.g. inspection & cleanout: 1x3 mo., 1x6 mo., 1x Nov., 1x Jan., 1x Aug., etc.)



# Catch Basins with Full Capture Device in San Gabriel River Watershed

Date: August 31, 2016





**ATTACHMENT 8.2 - EXHIBIT G**

Certified Full Capture Systems Database  
Alamitos Bay / Los Cerritos Channel Group

Date: 08/31/2016  
Reporting Year: 2016  
Prepared By: SL

Part VI.E.5.c.i -  
Monitoring and Reporting Requirements  
L.A. County MS4 Permit  
County of Los Angeles

Certified FCD(s) Installed	FCD Location	Nearest Cross Street	FCD Owner	FCD Maintained By	FCD Installation Date	CB ID No. Served by FCD	CB Type	CB Owner	CB Maintained By	Frequency of FCD Maintenance and other O&M comments
CPS	CONQUISTA AVE (SE CORNER)	E. HARCO ST.	CO	CO	02/29/2016 to 09/30/2016	1978230	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	E. HARCO ST. (NW CORNER)	CONQUISTA AVE.	CO	CO	02/29/2016 to 09/30/2016	1978229	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris
CPS	PALO VERDE AVE. (SW CORNER)	E. HARCO ST.	CO	CO	02/29/2016 to 09/30/2016	1978231	300	LACFCD	LACFCD	Once Between May-September & Whenever CB ≥40% Full of Trash/Debris

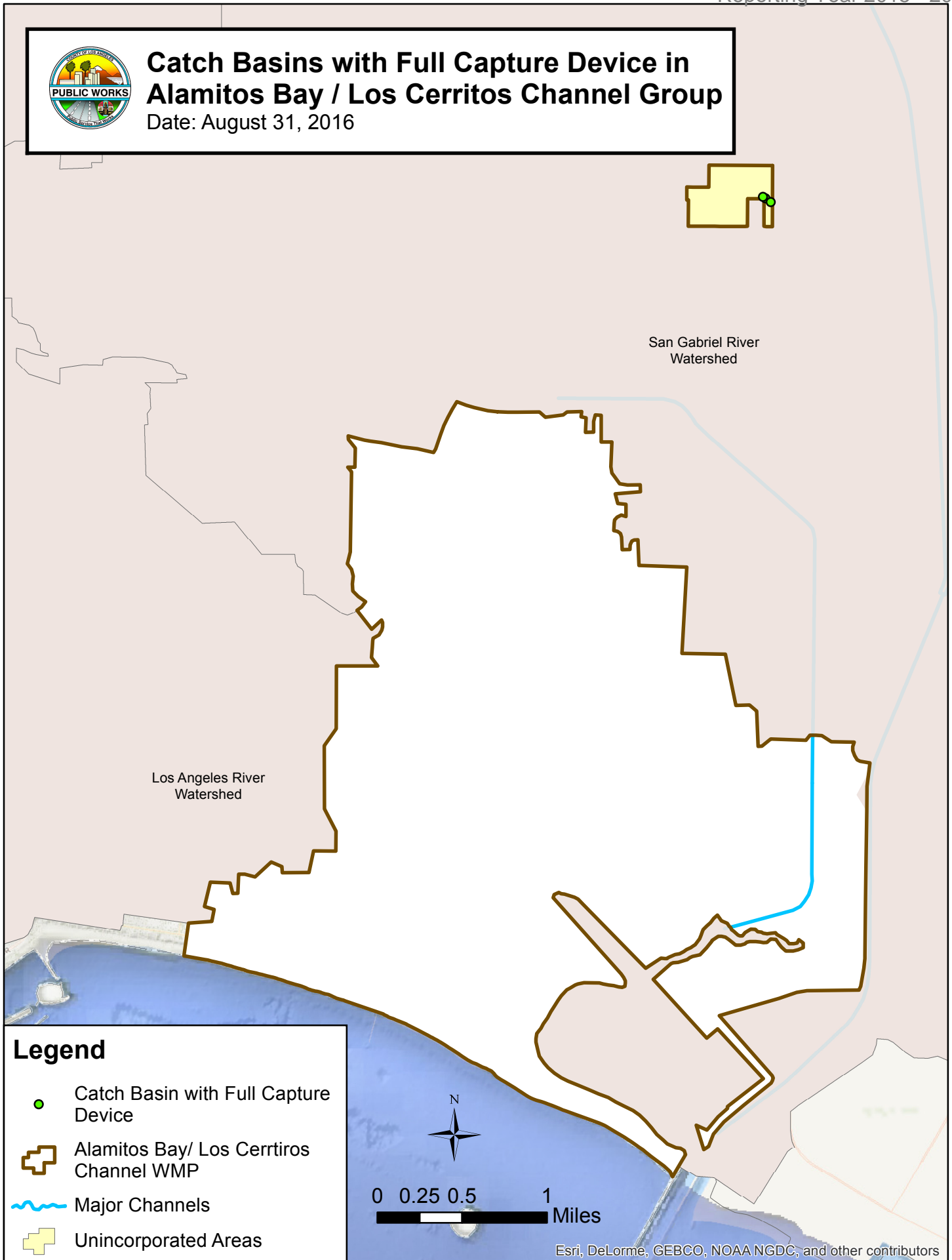
Notations:

- Form      Insert additional rows, as necessary
- Column 1:    Indicate certified full capture device (FCD) installed
- Column 2:    Name FCD street location and indicate whether: E - East, N - North; NE - North East; NW - North West; S - South; SE - South East; SW - South West; W - West
- Column 3:    Name the nearest cross street location of the FCD; A/E - Alleyway East of; A/N Alleyway North of
- Column 4:    FCD Owned by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 5:    FCD Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
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- Column 9:    CB Owned by: DBH - Department of Beaches and Harbor; CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 10:    CB Maintained by: CO - County of L.A.; LACFCD - L.A. County Flood Control District; Ci - City; Ca - Caltrans; Pr - Private; Oth - Others
- Column 11:    Indicate frequency of FCD maintenance (e.g. inspection & cleanout: 1x/3 mo., 1x/6 mo., 1x Nov., 1x Jan., 1x Aug., etc.)







# Catch Basins with Full Capture Device in Alamitos Bay / Los Cerritos Channel Group

Date: August 31, 2016



## Legend

-  Catch Basin with Full Capture Device
-  Alamitos Bay/ Los Cerritos Channel WMP
-  Major Channels
-  Unincorporated Areas



0 0.25 0.5 1 Miles

Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

## **Uninc. County**

### **Section 9.0 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 10.0 Attachments** Reporting Year 2015-2016

## **Uninc. County**

### **Section 11.0 Attachments** Reporting Year 2015-2016



GAIL FARBER, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

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ALHAMBRA, CALIFORNIA 91803-1331  
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ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE  
REFER TO FILE: **WM-7**

October 3, 2016

Dr. Maria de la Paz Carpio-Obeso  
Chief, Ocean Standards Unit  
California State Water Resources Control Board  
Division of Water Quality  
Watersheds, Ocean, and Wetlands Section  
P.O. Box 100  
Sacramento, CA 95812-0100

Dear Dr. Carpio-Obeso:

### **AREA OF SPECIAL BIOLOGICAL SIGNIFICANCE 24 REPORT ON SUPPLEMENTAL MONITORING**

On September 18, 2014, the County of Los Angeles and the Los Angeles County Flood Control District submitted the Draft Area of Special Biological Significance 24 (ASBS 24) Compliance Plan to the State Water Resources Control Board (SWRCB) for review and comment. On March 17, 2015, the SWRCB provided comments on the Compliance Plan and requested the LACFCD and the County to complete all outstanding monitoring activities as well as conduct additional monitoring activities within the ASBS 24. On September 17, 2015, the County and LACFCD submitted a revised compliance plan that addressed all of the SWRCBs comments and informed the SWRCB that they would be performing the requested monitoring.

In early 2016, as requested, site ASBS-S01 and its associated outfall were monitored for two wet weather events, and site ASBS-S02 and its associated outfall were monitored for one wet weather event. In accordance with the Special Protections document, described in SWRCB Resolution 2012-0031, an analysis of the monitoring results, in conjunction with previous monitoring was performed. The determination was that, other than as previously identified and addressed in the Compliance Plan, storm water discharges did not cause or contribute to the alterations of natural water quality in the ASBS 24.

Dr. Maria de la Paz Carpio-Obeso  
October 3, 2016  
Page 2

A summary of the monitoring data is presented in Table 1 below, and the Monitoring Report is enclosed. The data indicated that alterations of natural water quality for selenium, polycyclic aromatic hydrocarbons, and silver had occurred. However, selenium and polycyclic aromatic hydrocarbons at similar concentrations had already been identified and addressed in the ASBS 24 Compliance Plan. Further, the data shows that concentrations of silver in the storm water discharges were lower than the corresponding concentrations in the ASBS 24.

<b>Event</b>	<b>Constituent</b>	<b>Units</b>	<b>Natural Water Quality 85th Percentile</b>	<b>Ocean Plan Inst Max</b>	<b>Receiving Water ASBS-S01</b>	<b>Outfall ASBS-016</b>	<b>Receiving Water ASBS-S02</b>	<b>Outfall ASBS-028</b>
02/28/2014	Selenium	(µg/L)	0.003*	150	.011J	0.226	0.155**	0.334
01/06/2016	Selenium	(µg/L)	0.003*	150	.012J	0.965	0.076**	1.482
03/06/2016	Selenium	(µg/L)	0.003*	150	0.042	0.12	N/S	N/S
02/28/2014	Silver	(µg/L)	0.08	7	0.18**	0.1	0.14**	0.01J
01/06/2016	Silver	(µg/L)	0.08	7	0.09**	0.08	0.09**	0.01J
03/06/2016	Silver	(µg/L)	0.08	7	0.02	<0.01	N/S	N/S
02/28/2014	Total PAHs	(ng/L)	12.5	N/A	18.5	1087.2	84.1**	1178.8
01/06/2016	Total PAHs	(ng/L)	12.5	N/A	12.5	223.3	35.1**	2161.2
03/06/2016	Total PAHs	(ng/L)	12.5	N/A	18.8	226.9	N/S	N/S

J-Analyte was detected at a concentration below the reporting limit. Reported value is estimated.

\* Value was based on a series of non-detects and is 1/2 the detection limit.

\*\* concentrations higher than the 85% reference and occurring twice in a row.

(µg/L) = micrograms per liter; (ng/L) = nanograms per liter

As detailed in the enclosed Monitoring Report the additional monitoring performed in response to the comments on the ASBS 24 Compliance Plan has raised no issues that would alter the actions proposed in the ASBS 24 Compliance Plan. Consequently, the County and the LACFCD will continue to implement the actions identified in the ASBS 24 Compliance Plan and request that, at your earliest convenience, your board provide an approval letter for the ASBS 24 Pollution Prevention Plan and Compliance Plan submitted to the SWRCB on September 18, 2014, and September 17, 2015, respectively.

Dr. Maria de la Paz Carpio-Obeso  
October 3, 2016  
Page 3

If you have any questions, please contact me at (626) 458-4300 or [ageorge@dpw.lacounty.gov](mailto:ageorge@dpw.lacounty.gov) or your staff may contact Mr. Paul Alva at (626) 458-4325 or [palva@dpw.lacounty.gov](mailto:palva@dpw.lacounty.gov).

Very truly yours,

GAIL FARBER  
Director of Public Works



ANGELA R. GEORGE *for*  
Assistant Deputy Director  
Watershed Management Division

GC:hp

P:\wmpub\Secretarial\2016 Documents\Letters\Area of Special Biological Significance 24.docx\C16185

Enc.



# Los Angeles County Flood Control District and Los Angeles County Unincorporated Areas: Areas of Special Biological Significance Special Protections Monitoring

2015-2016 Season

Monitoring Report

Prepared For:

Los Angeles County Department of Public Works  
Watershed Management Division  
900 S. Fremont Ave.  
Alhambra, California 91803

August 2016



**Los Angeles County Flood Control District and  
Los Angeles County Unincorporated Areas:  
Areas of Special Biological Significance  
Special Protections Monitoring**

**2015-2016 Season**

**MONITORING REPORT**

**Prepared For:**

**Los Angeles County Department of Public Works  
Watershed Management Division  
900 S. Fremont Ave.  
Alhambra, California 91803**

**Prepared By:**

**Weston Solutions, Inc.  
5817 Dryden Place, Suite 101  
Carlsbad, California 92008**

August 2016

**TABLE OF CONTENTS**

1.0 INTRODUCTION ..... 1  
 1.1 Study Objectives ..... 4  
 2.0 STUDY DESIGN..... 5  
 2.1 Core Discharge and Ocean Receiving Water Monitoring ..... 5  
     2.1.1 Sampling Locations..... 6  
 2.2 Sampling Methods ..... 11  
     2.2.1 Water Collection ..... 11  
     2.2.2 Field Water Quality..... 11  
     2.2.4 Sample Analyses - Water ..... 12  
     2.2.5 Sample Analyses - Toxicity ..... 14  
 3.0 2015-2016 MONITORING RESULTS ..... 15  
 3.1 Core Discharge Monitoring ..... 16  
 3.2 Ocean Receiving Water ..... 18  
     3.2.1 Field Water Quality..... 18  
     3.2.2 General Chemistry..... 20  
     3.2.3 Total Metals..... 21  
     3.2.4 Polynuclear Aromatic Hydrocarbons ..... 21  
     3.2.5 Organophosphorus Pesticides ..... 22  
     3.2.6 Synthetic Pyrethroids ..... 22  
     3.2.7 Toxicity ..... 22  
 3.3 Flow Modeling and Pollutant Load Calculations ..... 23  
 3.4 Determination of Compliance with Natural Water Quality ..... 23  
 4.0 SUMMARY AND DISCUSSION..... 26  
 4.1 Recommendations..... 29  
 5.0 LITERATURE CITED ..... 30

**APPENDICES**

- Appendix A – Special Protections Document
- Appendix B – 2014 Malibu ASBS Special Protections Monitoring Final Report
- Appendix C – Chemistry Results
- Appendix D – Toxicity Results

**LIST OF TABLES**

Table 2-1. Monitoring Program Stations, Outfall Dimensions, Ownership, and Required Analyses for the 2015-2016 Wet Weather Season .....	6
Table 2-2. List of Constituents Analyzed for the 2015-2016 Core Discharge and Ocean Receiving Water Sampling Programs.....	12
Table 3-1. Summary of Core Discharge and Ocean Receiving Water Sample Collection.....	15
Table 3-2. Summary of Core Discharge Results from Monitored Storm Events during the 2015-2016 Storm Season .....	17
Table 3-3. Summary of Ocean Receiving Water Results from Monitored Storm Events during the 2015-2016 Storm Season.....	19
Table 3-4. Field Parameter Measurements at Ocean Receiving Water Stations .....	20
Table 3-5. Summary of Ocean Receiving Water Monitoring Toxicity Results for Post-Storm Samples .....	23
Table 3-6. Constituents that Exceeded the 85 <sup>th</sup> Percentile Reference Threshold .....	25
Table 4-1. Comparison of ASBS-028 Outfall Concentrations to Pre-storm and Post-storm Ocean Receiving Water Concentrations for ASBS-SO2 .....	28

**LIST OF FIGURES**

Figure 1-1. Core, Ocean Receiving Water, and Reference Monitoring Locations along ASBS 24 in Malibu, CA .....	3
Figure 2-1. Box Culvert (A); Zuma Beach Outfall of ASBS-016 (B); and Ocean Receiving Water of ASBS-SO1(C) .....	7
Figure 2-2. Core Discharge and Ocean Receiving Water Monitoring Locations along Zuma Beach .....	8
Figure 2-3. ASBS-028 Escondido Beach Outfall (A) and Ocean Receiving Water site ASBS-SO2 (B).....	9
Figure 2-4. Core Discharge and Ocean Receiving Water Monitoring Locations along Escondido Beach.....	10

**LIST OF ACRONYMS**

ABC Labs	Aquatic Bioassay and Consulting Laboratories, Inc.
ASBS	Area of Special Biological Significance
BMPs	best management practices
Caltrans	California Department of Transportation
COP	California Ocean Plan
County	Los Angeles County Unincorporated Areas
DO	dissolved oxygen
EC <sub>25</sub>	effect concentration 25: concentration which causes an effect in 25% of test organisms
EC <sub>50</sub>	effect concentration 50: concentration which causes an effect in 50% of test organisms
Imax	Instantaneous Maximum concentration in California Ocean Plan
LACFCDD	Los Angeles County Flood Control District
LC <sub>50</sub>	median lethal concentration: concentration which kills 50% of bioassay test organisms
LOEC	lowest observed effect concentration
NOEC	no observed effect concentration
OP	organophosphorus
PAH	polynuclear aromatic hydrocarbons
Public Works	Los Angeles County Department of Public Works
SCCWRP	Southern California Coastal Water Research Project
<i>Special Protections</i>	<i>Attachment B - Special Protections for Areas of Special Biological Significance, Governing Point Source Discharges of Storm Water and Nonpoint Source Waste Discharges</i>
State Board	State Water Resources Control Board
Storm 1	storm event of February 19, 2013
Storm 2	storm event of March 8, 2013
Storm 3	storm event of February 28, 2014
Storm 4	storm event of January 6, 2016
Storm 5	storm event of March 6, 2016
TSS	total suspended solids
TUc	toxic units chronic
USEPA	United States Environmental Protection Agency
Weston	Weston Solutions, Inc.
WQOs	water quality objectives

**LIST OF SYMBOLS AND MEASUREMENTS**

>	greater than
<	less than
%	percent
°C	degrees Celsius
ft	feet
L	liter
m	meter
mg	milligram
mS	microSiemens
ng	nanogram
NTU	nephelometric units
ppt	parts per thousand
µg	microgram



## 1.0 INTRODUCTION

The Area of Special Biological Significance (ASBS) 24, also referred to as the Laguna Point to Latigo Point ASBS or Malibu ASBS, was established in 1974 by the State Board to preserve sensitive marine habitat (State Water Resources Control Board [State Board], 1976). The ASBS stretches 24 miles, contains 11,842 marine acres, and is the largest ASBS along the mainland of Southern California. Approximately 500 direct discharges and 31 natural streams drain to ASBS 24. The boundary of ASBS 24 extends out from the mean high tide line at Laguna Point in Ventura County to either 1000 feet (ft) from shore or to the 100-ft isobath (whichever is greater) in a southwesterly direction to Latigo Point in Malibu, Los Angeles County. Water depth within the conservation area ranges from 0 ft to approximately 100 ft and includes sloping sandy habitat, a rocky intertidal reef complex, and subtidal reef and kelp forest habitat. A wide range of sandy substrate, rocky reef, and coastal pelagic species can be found within the Laguna Point to Latigo Point ASBS.

Since 1983, the California Ocean Plan (COP) has prohibited the discharge of waste into ASBS along the California Coast, unless the State Board grants an exception to dischargers. The southern and central portions of ASBS 24 that are located in Los Angeles County are subject to direct discharges from roads, urban landscape runoff, homes, and small businesses. In general, the near coast storm water runoff along ASBS 24 within Los Angeles County is conveyed through storm drain systems before it is discharged at multiple locations along the beach. On December 30, 2004, the Los Angeles County Department of Public Works (Public Works) requested an exception for storm water discharges to ASBS 24 from the State Board on behalf of the County and the Los Angeles County Flood Control District (LACFCD). The State Board received applications from numerous other applicants for an exception to the Ocean Plan. In 2012 the State Board adopted a General Exception to the COP. As part of the General Exception, the State Board produced guidance for monitoring discharges to ASBS entitled *Attachment B - Special Protections for Areas of Special Biological Significance, Governing Point Source Discharges of Storm Water and Nonpoint Source Waste Discharges* (Special Protections) (State Board, 2012) (Appendix A). The *Special Protections* document is intended to define the terms and conditions that limit storm water discharges to the ASBS for applicants along the California Coast (34 ASBSs have been designated throughout the state). Storm drain discharge pipes along the Malibu coastline fall under various jurisdictions including LACFCD, the Los Angeles County Unincorporated Areas (County), City of Malibu, and the California Department of Transportation (Caltrans).



There are 31 storm drain outfalls 18 inches in diameter or larger located in the County. Nine outfalls are operated by the LACFCD and 12 are operated by the County. The storm drain

**Malibu ASBS Special Protections Monitoring –  
2015-2016 Report****August 2016**

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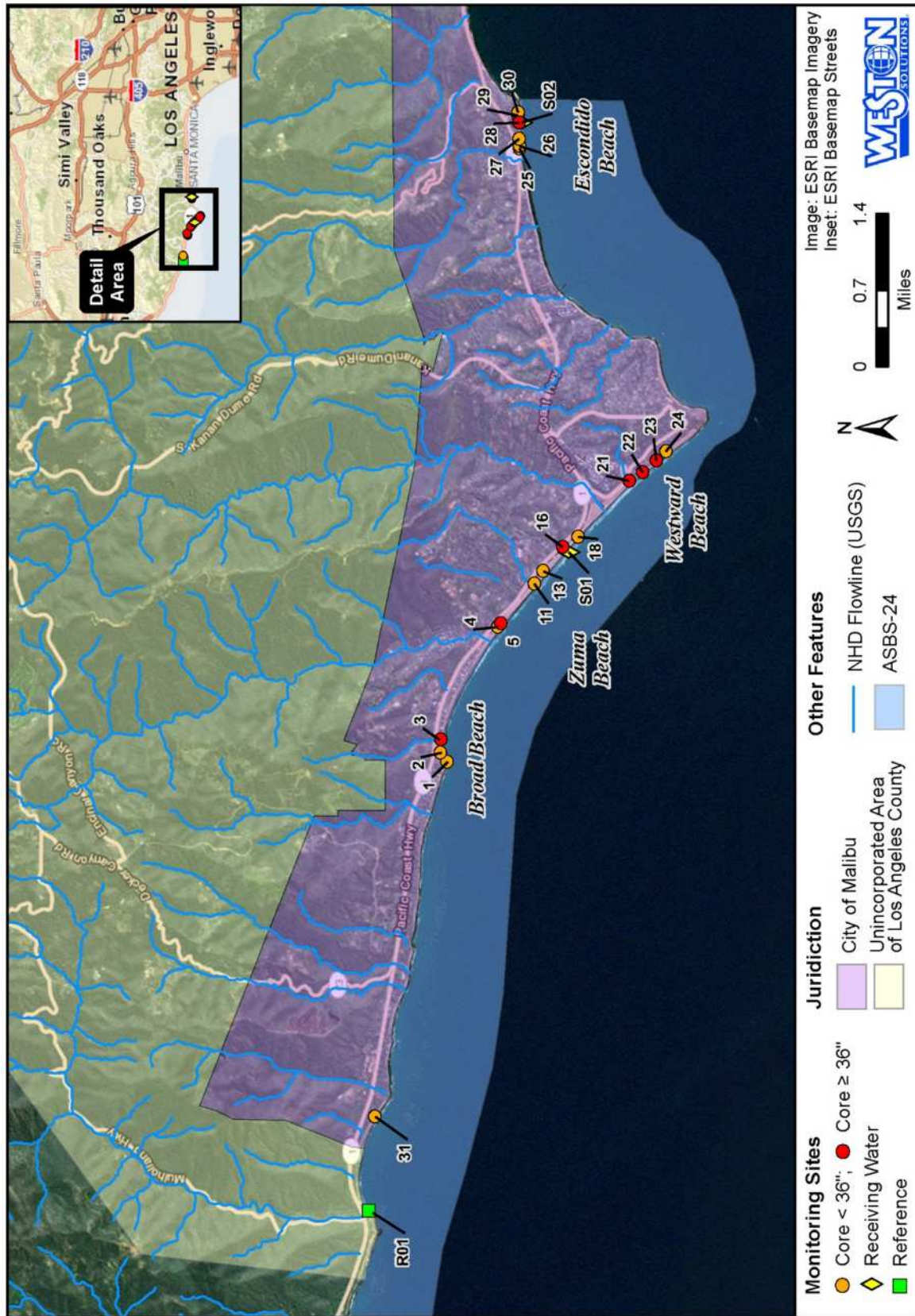
outfalls discharge storm water runoff that reaches ASBS 24; therefore, in accordance with the Special Protections document, the 21 outfalls under the jurisdiction of the County and LACFCD were identified for monitoring during the 2012-2013 and 2013-2014 storm seasons by Public Works. Additionally, two ocean receiving water stations, located on Zuma Beach and Escondido Beach, were also monitored during this time (Figure 1-1). The full report of the results from this monitoring is provided in Appendix B (2014 Malibu ASBS Special Protections Monitoring-Final Report).

Additional ASBS Special Protections monitoring was conducted during the 2015-2016 wet weather season at the two ocean receiving water stations and their respective beach outfalls. This monitoring was performed to satisfy comments from the State Board regarding the *ASBS 24 Draft Compliance Plan for the County of Los Angeles and City of Malibu* (Weston Solutions, Inc. [Weston], 2014). In their *Compliance Plan* comments, the State Board requested that additional monitoring be conducted at the two designated ocean receiving water stations (located on Zuma Beach and Escondido Beach) to more fully understand any potential water quality impacts from storm water runoff to the ocean receiving water of ASBS 24. Monitoring was conducted in accordance with the methods and requirements set forth in the Special Protections document.



**Malibu ASBS Special Protections Monitoring –  
2015-2016 Report**

**August 2016**



**Figure 1-1. Core, Ocean Receiving Water, and Reference Monitoring Locations along ASBS 24 in Malibu, CA**

## 1.1 Study Objectives

The ASBS 24 Special Protections Monitoring Study was designed to comply with the storm water monitoring requirements set forth in Attachment B of the State Water Resources Control Board Resolution No. 2012-0012, Special Protections for Areas of Special Biological Significance, Governing Point Source Discharges of Storm Water and Nonpoint Source Waste Discharges. The Special Protections document provides descriptions of the following two types of monitoring programs:

1. **Core Discharge (Outfall) Monitoring** – collecting and analyzing wet weather runoff from the discharge during a storm event.
2. **Ocean Receiving Water Monitoring** – collecting and analyzing samples from the ocean before and after a storm event at two locations (i.e., directly in front of the discharge and at a reference site removed from the discharge).

Monitoring requirements set forth in the Special Protections document are intended to help answer the following questions.

1. **What are the conditions of storm water effluent in the storm drains prior to being discharged into the ocean receiving waters? And what is the range of natural conditions at reference locations?**
2. **What are the conditions of the ocean receiving water directly in front of large storm drain outfalls both prior to, and immediately following, storm events? And how do these conditions compare to natural conditions at reference locations?**
3. **What are the estimated pollutant loads that are being transported into ASBS 24 from storm drains that fall under the jurisdiction of the County and the LACFCD?**

Specifically, Study Questions 1 and 2 can be answered by monitoring water quality in ocean receiving water (ASBS 24) and in storm drain effluent associated with storm drains proximal to the monitored receiving water location in ASBS 24. Flow monitoring equipment installed into two of the largest storm drains that flow into ASBS 24 during the 2012-2013 storm season provided information that was used to help answer Study Question 3 by accurately estimating the volume of storm water runoff flowing to the beach and into the receiving water during storm events. Pollutant loads entering ASBS 24 were calculated based upon flow measurements and flow modeling in combination with results of chemical analyses from three storm events during the 2012-2013 and 2013-2014 wet weather seasons.

Results from this study will enable the County and LACFD to conform to regional compliance monitoring requirements and will help prioritize potential best management practices (BMPs) for the purpose of reducing pollutant loading to the ASBS.

This report presents and summarizes data collected from sampling events that occurred during the 2015-2016 storm season and evaluates compliance with natural water quality based on these data in combination with previous data collected during the 2012-2013 and 2013-2014 storm seasons. Details of the monitoring design are provided in the following section.

## **2.0 STUDY DESIGN**

The ASBS Compliance Monitoring Program was designed to be consistent with a broader Regional ASBS Work Plan created by a planning committee as part of the Southern California Bight 2013 Regional Monitoring Survey and the State Board Special Protections document. The study design for the 2015-2016 storm season was intended to supplement previous data collected during the 2012-2013 and 2013-2014 wet weather seasons, and therefore was limited in scope. Monitoring for the 2015-2016 study consisted of monitoring one large outfall and its paired ocean receiving water location at Zuma Beach and one large outfall and its paired ocean receiving water location at Escondido Beach.

### **2.1 Core Discharge and Ocean Receiving Water Monitoring**

Core Discharge Monitoring during the 2012-2013 and 2013-2014 storm seasons consisted of sampling and analysis (water chemistry and toxicity) of wet weather discharges from 20 storm drains (greater than 18 inches in diameter) that discharge to ASBS 24. For storm drain outfalls that were greater than 18 inches and less than 36 inches in diameter, oil and grease and TSS were measured for each storm event, whereas for storm drains that are either 36 inches or larger in diameter or are linked with an ocean receiving water site, oil and grease, TSS, total metals, PAHs, pyrethroids, OP pesticides, ammonia, nitrate as N, and total phosphorus were analyzed for each storm event. Additionally, during one storm event at each outfall, chronic toxicity was measured using bivalve embryos. For the 2015-2016 storm season, core discharge monitoring was performed at outfalls ASBS-016 and ASBS-028. Both of these outfalls are linked with an ocean receiving water site and therefore were analyzed for the full suite of chemical constituents. The toxicity testing requirement for outfalls ASBS-016 and ASBS-028 had been met during the 2012-2013 storm season, therefore, no toxicity testing was performed at these outfall stations during the 2015-2016 storm season.

The Ocean Receiving Water Monitoring Program was designed to compare conditions in the ASBS near major discharges to “natural” or reference conditions, both prior to and immediately following a storm event. Reference sites located at the mouths of streams in un-urbanized watersheds along the Southern California coast were used to define “natural water quality” based on criteria identified in the Regional ASBS Work Plan. The conditions monitored in this program included water chemistry, water toxicity, and biological integrity. For the 2015-2016 storm season, ocean receiving water monitoring was performed at stations ASBS-SO1 and ASBS-SO2 both prior to, and during, each monitored storm event. Ocean receiving water was analyzed for the same constituent list as the core discharge sites: oil and grease, TSS, total metals, PAHs, pyrethroids, OP pesticides, ammonia, nitrate as N, and total phosphorus prior to (pre-storm) and during or immediately following each storm event (post-storm). Post-storm samples must be collected while runoff from the outfall is flowing to the receiving water; therefore they may be collected while it is raining or after it has stopped raining, provided discharge from the outfall is still flowing into the receiving water. Additionally, chronic toxicity to bivalve embryos, echinoderms, and kelp was measured from post-storm samples collected during each storm event.

Table 2-1 details the characteristics of the stations that were monitored during the 2015-2016 storm season. The core discharge station ASBS-016 and its linked ocean receiving water station

**Malibu ASBS Special Protections Monitoring –  
2015-2016 Report****August 2016**

ASBS-SO1 were monitored for two storm events while the core discharge stations ASBS-028 and its linked ocean receiving water station ASBS-SO2 were monitored for one storm event.

**Table 2-1. Monitoring Program Stations, Outfall Dimensions, Ownership, and Required Analyses for the 2015-2016 Wet Weather Season**

Monitoring Type	Beach Location	Site Name	LACDPW Storm Drain Tag	Pipe Diameter	Ownership		Chemical Analyses and Number of Storms to Be Tested	Toxicity Testing** and Number of Storms to Be Tested
					Flood Control District	LA County		
Core Monitoring	Zuma Beach	ASBS-016	Zuma Open Channel	60		x	Full List* 2 storms	None
	Escondido Beach	ASBS-028	MTD 622 Line 4	36	x		Full List* 1 storm	None
Receiving Water Monitoring	Zuma Beach	ASBS-SO1	Linked to Zuma Open Channel	NA			Full List* 2 storms	3 species 2 storms
	Escondido Beach	ASBS-SO2	Linked to MTD 622 Line 4	NA			Full List* 1 storm	3 species 1 storm

\*Full constituent list comprises TSS, total metals, PAHs, pyrethroids, OP pesticides, ammonia, nitrate, and total phosphorus.

\*\*Toxicity species includes bivalves, giant kelp and sea urchins.

## 2.1.1 Sampling Locations

The location of Zuma Beach outfall ASBS-016 and its receiving water ASBS-SO1 is shown in Figure 2-1 and Figure 2-2, whereas the location of Escondido Beach outfall ASBS-028 and its receiving water ASBS-SO2 is shown in Figure 2-3 and Figure 2-4. A brief description of the two storm drain outfall pipes and their respective ocean receiving water stations is presented below.

- Outfall ASBS-016 South Zuma Beach**— ASBS-016 is located west of the Pacific Coast Highway (approximately 100 meter [m] south of Morning View Drive) along the Zuma Beach Access Road. The watershed draining to ASBS-016 is 115 acres and comprises the following mix of land uses: 33 percent (%) public facilities, 25% rural residential, 19% vacant, 13% residential, 8% transportation, and 2% open space and recreation. Storm runoff to this outfall follows a more or less natural drainage path to the beach. Just before reaching the beach, the flow enters a road culvert under PCH and travels an additional 20 m across an open channel where it splits into three pipes that discharge onto the sand at Zuma Beach (Figure 2-1). During the summer, the outfall pipes along South Zuma Beach are buried for safety purposes and then excavated prior to the storm season to ensure storm water flows are not impeded. Once the pipes are excavated, however, the elevation of the surrounding sand berm can be as high as 3 m above the outfall pipe. For this reason Beaches and Harbors re-excavates the sand berm immediately in front of the ASBS-016 outfall before large storm events. Receiving water samples were collected at ASBS-SO1 in the ASBS mixing zone in approximately 1 m of water, directly in front of the Zuma Beach outfall of ASBS-016.





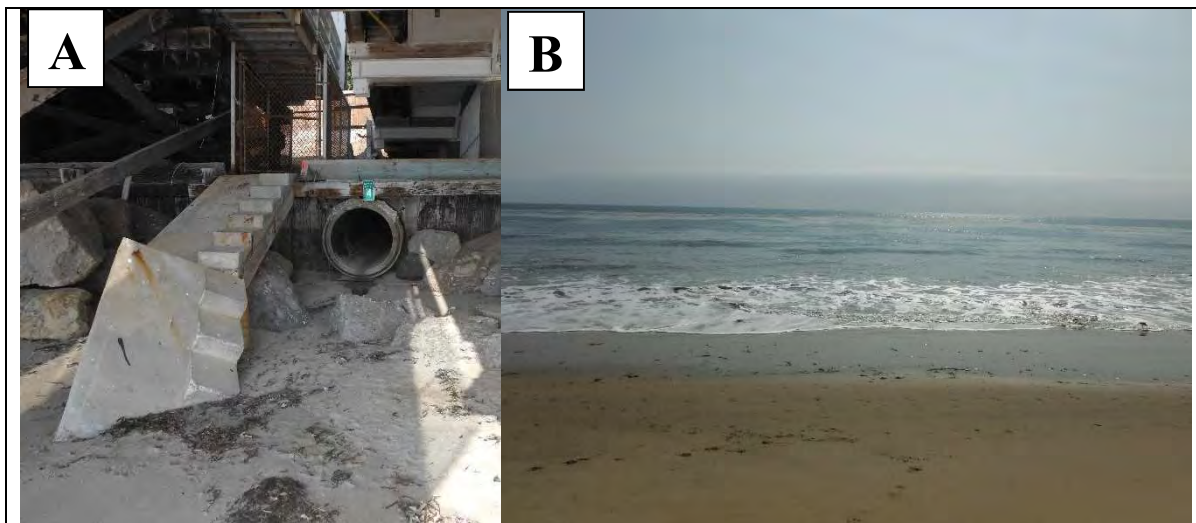
**Figure 2-1. Box Culvert (A); Zuma Beach Outfall of ASBS-016 (B); and Ocean Receiving Water of ASBS-SO1(C)**



Figure 2-2. Core Discharge and Ocean Receiving Water Monitoring Locations along Zuma Beach



- **Outfall ASBS-028 Escondido Beach** — ASBS-028 is located west of Malibu Cove Colony Drive on Escondido Beach beneath an elevated house. The watershed draining to ASBS-028 is 36 acres and comprises the following mix of land uses: 44% rural residential, 33% vacant, 9% residential, 8% agriculture, and 6% transportation. As a result of its proximity to the ocean, this monitoring station is generally not accessible during tides greater than 3 ft (Figure 2-4). There is no sand berm associated with this outfall, and as a result of the narrow beach, flow typically reaches the receiving water during even minor storm events (less than 0.25” of rainfall). Receiving water samples were collected at ASBS-SO2 in the ASBS mixing zone in approximately 1 m of water directly in front of outfall ASBS-028.



**Figure 2-3. ASBS-028 Escondido Beach Outfall (A) and Ocean Receiving Water site ASBS-SO2 (B)**





## **2.2 Sampling Methods**

### **2.2.1 Water Collection**

Core discharge samples were collected at the base of each outfall. Samples were collected in certified clean laboratory bottles appropriate for the analyses to be conducted. Following sampling, samples were placed on ice in a cooler and delivered within the required holding times to Physis Environmental Laboratories, Inc.

Sampling of ocean receiving water was performed prior to each storm's arrival (within 48 hours) and again during, or immediately following, the storm while storm water runoff was flowing to the receiving water. Ocean receiving water samples were collected in the ocean directly in front of the storm drain outfall by submerging a clean 4 liter (L) glass container just below the surface of the water in the mixing zone. Water from the glass sampling container was then evenly distributed to each of seven certified clean, pre-labeled laboratory bottles as well as to plastic cubitainers used for toxicity analysis. Each laboratory bottle was filled to approximately 25% of capacity before the glass sampling container was then refilled in the same manner as previously described and the collected water re-distributed to each of the laboratory bottles and cubitainers. This process continued until all containers were filled. The water depth was approximately 1 m at the sample collection point. Samples were collected in bottles appropriate for the analysis to be conducted. After retrieval, the samples were placed on ice in a cooler and delivered within the required holding times for analysis to Physis Environmental Laboratories, Inc. for chemical testing. Cubitainers for toxicity testing were kept on ice in coolers and shipped the following day for overnight delivery to Aquatic Bioassay and Consulting Laboratories, Inc. (ABC Labs.) for toxicity testing.

### **2.2.2 Field Water Quality**

During each sampling event, several water quality parameters were measured in the ocean receiving water with a handheld YSI multi-probe water quality meter (Model 650MDS). The meter was submerged in the surf zone at the receiving water monitoring site. The following parameters were measured and recorded on field data sheets: water temperature, salinity, pH, conductivity, turbidity, and dissolved oxygen (DO). In addition, the following observations were recorded on the field data sheets: weather and ocean conditions, beach characteristics, and runoff characteristics. Photographs were taken and are provided in this report where appropriate.

### **2.2.3 Chain of Custody**

Chain-of-custody forms were completed for each sample and accompanied the samples to the appropriate laboratories. Samples were considered to be in custody if they were:

- In the custodian's possession or view,
- Retained in a secured place (under lock) with restricted access, or
- Placed in a container and secured with an official seal such that the sample could not be reached without breaking the seal.

**Malibu ASBS Special Protections Monitoring –  
2015-2016 Report****August 2016**

Chain-of-custody procedures were used for all samples throughout the collection, transport, and analytical process and were initiated during sample collection.

Documentation of sample handling and custody included the following:

- Sample identifier
- Sample collection date and time
- Any special notations on sample characteristics or analysis
- Initials of the person collecting the sample
- Date the sample was sent to the analytical laboratory
- Shipping company and waybill information.

Completed Chain-of-custody forms were placed in a plastic envelope and kept inside the cooler containing the samples. Once delivered to the analytical laboratory, the person receiving the samples signed the Chain-of-custody form.

**2.2.4 Sample Analyses - Water**

After collection, core discharge and ocean receiving water samples were submitted to Physis Environmental Laboratories, Inc. for analyses. Chemical and biological analysis methods, detection limits, and reporting limits for constituents that were measured in the 2015–2016 Ocean Receiving Water Sampling are listed in Table 2-2.

**Table 2-2. List of Constituents Analyzed for the 2015-2016 Core Discharge and Ocean Receiving Water Sampling Programs**

Constituent	Method	MDL <sup>1</sup>	RL <sup>2</sup>	Units
<b>General Chemistry</b>				
Total suspended solids (TSS)*	SM 2540-D		5	mg/L
Nitrate as N	SM4500-NO3 E		0.05	mg/L
Ammonia	SM4500-NH3D		0.06	mg/L
Oil and grease*	USEPA <sup>3</sup> 1664A		5	mg/L
Total orthophosphate as P	SM4500-P E		0.02	mg/L
<b>Total and Dissolved Trace Metals</b>				
Aluminum (Al)	USEPA <sup>3</sup> 200.8(m)		8.25	µg/L
Antimony (Sb)			0.015	µg/L
Arsenic (As)			0.045	µg/L
Beryllium (Be)			0.1	µg/L
Cadmium (Cd)			0.010	µg/L
Chromium (Cr)			0.25	µg/L
Copper (Cu)			0.05	µg/L
Lead (Pb)			0.05	µg/L
Manganese (Mn)			0.45	
Mercury (Hg)			0.1	µg/L
Molybdenum (Mo)			0.1	
Nickel (Ni)			0.1	µg/L
Selenium (Se)			0.25	µg/L
Silver (Ag)			0.15	µg/L
Thallium (Tl)			0.05	
Zinc (Zn)			0.01	µg/L
<b>Organophosphorus Pesticides</b>				
Bolstar (sulprofos)	USEPA <sup>3</sup> 625		4	ng/L

**Malibu ASBS Special Protections Monitoring –  
2015-2016 Report****August 2016**

Constituent	Method	MDL <sup>1</sup>	RL <sup>2</sup>	Units
Chlorpyrifos			2	ng/L
Demeton			2	ng/L
Diazinon			4	ng/L
Dichlorvos			6	ng/L
Disulfoton			2	ng/L
Ethoprop (ethoprofos)			2	ng/L
Fenchlorophos (eonnel)			4	ng/L
Fensulfothion			2	ng/L
Fenthion			4	ng/L
Malathion			6	ng/L
Methyl parathion			2	ng/L
Mevinphos (phosdrin)			16	ng/L
Phorate			12	ng/L
Tetrachlorvinphos (stirofos)			4	ng/L
Tokuthion			6	ng/L
Trichloronate			2	ng/L
<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>				
1-Methylnaphthalene			5	ng/L
1-Methylphenanthrene			5	ng/L
2,3,5-Trimethylnaphthalene			5	ng/L
2,6-Dimethylnaphthalene			5	ng/L
2-Methylnaphthalene			5	ng/L
Acenaphthene			5	ng/L
Acenaphthylene			5	ng/L
Anthracene			5	ng/L
Benz[a]anthracene			5	ng/L
Benzo[a]pyrene			5	ng/L
Benzo[b]fluoranthene			5	ng/L
Benzo[e]pyrene			5	ng/L
Benzo[g,h,i]perylene			5	ng/L
Benzo[k]fluoranthene			5	ng/L
Biphenyl			5	ng/L
Chrysene			5	ng/L
Dibenz[a,h]anthracene			5	ng/L
Dibenzothiophene			5	ng/L
Fluoranthene			5	ng/L
Fluorene			5	ng/L
Indeno[1,2,3-c,d]pyrene			5	ng/L
Naphthalene			5	ng/L
Perylene			5	ng/L
Phenanthrene			5	ng/L
Pyrene			5	ng/L
Allethrin			2	ng/L
Bifenthrin			2	ng/L
Cyfluthrin			2	ng/L
Cypermethrin			2	ng/L
Danitol (Fenpropathrin)			2	ng/L
Deltamethrin/Tralomethrin			2	ng/L
Esfenvalerate			2	ng/L
Fenvalerate			2	ng/L
Fluvalinate			2	ng/L
L-Cyhalothrin			2	ng/L
Permethrin			25	ng/L
Prallethrin			2	ng/L
Resmethrin			25	ng/L

**Malibu ASBS Special Protections Monitoring –  
2015-2016 Report****August 2016**

\*Core discharge outfalls less than 36" in diameter were analyzed only for TSS and oil and grease. Outfalls greater than or equal to 36" in diameter, and ocean receiving water samples were analyzed for all constituents listed in Table 2-3.

<sup>1</sup>MDL = method detection limit.

<sup>2</sup>RL = reporting limit.

<sup>3</sup>USEPA = United States Environmental Protection Agency.

Details of analytical chemistry methods used for Malibu ASBS Special Protections Monitoring are provided in Appendix C.

**2.2.5 Sample Analyses - Toxicity**

Toxicity testing of three different marine species was performed during each monitored storm event for ocean receiving waters. Toxicity testing was performed using the marine bivalve, *Mytilus galloprovincialis*, the purple sea urchin, *Strongylocentrotus purpuratus*, and the kelp, *Macrocystis pyrifera*. Toxicity test methods that were used included the following: chronic 48-hour bivalve development test, chronic 40-minute echinoderm fertilization test, and chronic 48-hour kelp germination and growth test. The marine bivalve test was performed using a modified method based on EPA 600/R-15-136 that was used for the Bight '08 program, whereas the purple sea urchin and kelp tests were performed using EPA 600/R-15/136. Each of these methods is approved by the United States Environmental Protection Agency (USEPA) for testing toxicity in marine and estuarine waters of the United States. Details of toxicity test protocols used for Malibu ASBS Special Protections Monitoring are provided in Appendix D.

### 3.0 2015-2016 MONITORING RESULTS

Core Discharge Monitoring and Ocean Receiving Water Monitoring were conducted over two storm events during the 2015-2016 Storm Season. The first storm occurred on January 6, 2016 and the second storm occurred on March 6, 2016. Monitoring was successfully completed at both outfalls and receiving water locations. The analyses performed at each sampling location are listed in Table 3-1.

**Table 3-1. Summary of Core Discharge and Ocean Receiving Water Sample Collection**

Event	Sampling Location	Outfall or Receiving Water	Storm Event			
			January 6, 2016		March 6, 2016	
			Chem	Tox	Chem	Tox
Pre-Storm	ASBS-SO1	Receiving Water	x		x	
	ASBS-SO2	Receiving Water	x			
Storm	ASBS-016	Outfall	x		x	
	ASBS-SO1	Receiving Water	x	x	x	x
	ASBS-028	Outfall	x			
	ASBS-SO2	Receiving Water	x	x		

***Storm Event: January 6, 2016***

Pre-storm ocean receiving water samples were collected on January 3, 2016 at 11:40 at ASBS-SO2 and 12:10 from ASBS-SO1 during a low tide. The forecast storm arrived on January 5, 2016 and continued into January 7, 2016, with sampling beginning at 16:30 on January 6, 2016 and continuing until 17:15 that day. A total of 1.7 inches of rainfall were recorded at the Leo Carrillo beach rain gauge:

(<https://www.wunderground.com/personal-weather-station/dashboard?ID=MLCBC1>) over the course of the storm, whereas 1.58 inches of rainfall were recorded at the Point Dume rain gauge: (<https://www.wunderground.com/personal-weather-station/dashboard?ID=KCAMALIB6>).

Effluent from both ASBS-016 and ASBS-028 outfalls was flowing into the ocean receiving water while samples were being collected.

***Storm Event: March 6, 2016***

The pre-storm ocean receiving water sample at ASBS-SO1 was collected on March 4, 2016 at 13:30. The forecast storm arrived on the night of March 5, 2016 and continued into the early morning on March 6, 2016. A small amount of additional rain also occurred on March 7, 2016. Sampling began at 21:50 on March 7, 2016 and continued until 01:53 on March 8, 2016. A storm total of 1.45 inches of rainfall were recorded at a rain gauge located just south of Leo Carrillo Beach:

(<https://www.wunderground.com/personal-weather-station/dashboard?ID=KCAMALIB610>), whereas 1.23 inches of rainfall were recorded at the Point Dume rain gauge. Effluent from the ASBS-016 outfall was flowing into the ocean receiving water while the receiving water samples were being collected.

### 3.1 Core Discharge Monitoring

Core discharge samples were collected manually using clean laboratory-certified containers supplied by the analytical laboratory. Grab samples were collected as the storm water effluent flowed from the pipe onto the sand, or in the case of ASBS-016, from the box culvert onto the natural channel that flowed to Zuma Beach. Constituent concentrations from core discharge samples are presented in Table 3-2. In the summary table, only analytes that were measured above detection limits are listed under the categories organophosphorus pesticides, and synthetic pyrethroids. For results of individual OP pesticides, PAHs, and synthetic pyrethroids, refer to Appendix C which provides the full chemistry reports for each monitoring date. Total OP pesticides, total PAHs, and total pyrethroid pesticides were calculated in accordance with SCCWRP's method for establishing the 85<sup>th</sup> percentile reference threshold, and a value of one-half of the method detection limit was used for non-detect and estimated (J-flag) values. In the calculation of the total OP pesticides concentration, a subset of eight OP pesticides were totaled. In the calculation of the total PAHs concentration, 25 individual PAHs were totaled with a value of 0.5 ng/L for each PAH that was non-detect or estimated. Thus, a total PAH value of 12.5 ng/L indicates that no PAHs were detected. For total pyrethroid pesticides concentration, a subset of ten pyrethroid pesticides were totaled.

#### *January 6, 2016 Storm Event*

In general, the effluent from outfalls ASBS-016 and ASBS-028 was similar in concentration for most metals. General chemistry constituents varied somewhat, however, as the nitrate concentration at ASBS-016 was approximately six times higher than at ASBS-028, and the TSS and oil and grease concentrations were substantially higher at ASBS-028 than at ASBS-016. No OP pesticides were detected at either outfall. Total PAHs were approximately ten times higher at ASBS-028 (2,161 ng/L) than at ASBS-016 (223 ng/l). No synthetic pyrethroid pesticides were detected at ASBS-016, whereas five different pyrethroids were detected at ASBS-028. Bifenthrin comprised 92% of the pyrethroid concentration at ASBS-028.

#### *March 6, 2016 Storm Event*

General chemistry concentrations at ASBS-016 during the March 6, 2016 storm event were similar to those measured during the January 6, 2016 storm event. Only the ammonia concentration (0.17 in March 2016 vs. 0.51 mg/L in January 2016) varied by more than 2-fold. Metals concentrations at ASBS-016 were all lower during the March 6, 2016 storm event than during the January 6, 2016 storm event, with cadmium, lead, mercury, and silver decreasing by the greatest percentages. Similar to the January 6, 2016 storm event, no OP pesticides or synthetic pyrethroid pesticides were detected at ASBS-016. The total PAH concentrations measured during both storm events were nearly identical (223 ng/L in January 2016 vs. 227 ng/L in March 2016).

**Malibu ASBS Special Protections Monitoring –  
2015-2016 Report****August 2016****Table 3-2. Summary of Core Discharge Results from Monitored Storm Events during the  
2015-2016 Storm Season**

Analyte	Units	Outfall	Outfall	Outfall
		ASBS-016 Post-Storm	ASBS-028 Post-Storm	ASBS-016 Post-Storm
		1/6/2016	1/6/2016	3/6/2016
<b>General Chemistry</b>				
Ammonia as N	mg/L	0.51	0.42	0.17
Nitrate as N	mg/L	1.98	0.34	1.08
Oil & Grease	mg/L	<1	4.8	1J
Total Orthophosphate as P	mg/L	0.39	0.21	0.57
Total Suspended Solids	mg/L	284	1040	510
<b>Total Metals</b>				
Arsenic (As)	µg/L	4.141	7.243	2.483
Cadmium (Cd)	µg/L	9.210	8.325	0.897
Chromium (Cr)	µg/L	35.18	36.70	33.39
Copper (Cu)	µg/L	73.10	71.40	26.03
Lead (Pb)	µg/L	34.80	33.54	6.49
Mercury (Hg)	µg/L	0.439	0.560	0.063
Nickel (Ni)	µg/L	72.04	69.79	36.09
Selenium (Se)	µg/L	0.965	1.482	0.12
Silver (Ag)	µg/L	0.08	0.01J	<0.01
Zinc (Zn)	µg/L	446.5	413.4	102.7
<b>Organophosphorus Pesticides</b>				
Total OP Pesticides	ng/L	6	6	6
<b>Polynuclear Aromatic Hydrocarbons</b>				
Total PAHs	ng/L	223.3	2161.2	226.9
<b>Synthetic Pyrethroid Pesticides</b>				
Bifenthrin	ng/L	<0.5	164.2	<0.5
Cyhalothrin, Total Lambda	ng/L	<0.5	3.9	<0.5
Esfenvalerate	ng/L	<0.5	3.3	<0.5
Esfenvalerate/Fenvalerate	ng/L	<0.5	4.4	<0.5
Fenvalerate	ng/L	<0.5	1.1J	<0.5
Total Pyrethroids	ng/L	6.75	177.9	6.75



## **3.2 Ocean Receiving Water**

Ocean receiving water samples were collected at ASBS-SO1 in front of ASBS-016 and at ASBS-SO2 in front of ASBS-028 within 48 hours prior to, and during or immediately following, the storm while effluent runoff was still flowing into the receiving water. Two storm events were monitored at ASBS-SO1 while one storm event was monitored at ASBS-SO2. The monitored storm events for the ocean receiving water stations coincided with the monitored storm at core discharge stations (outfalls). Constituent concentrations from ocean receiving water samples were compared to reference threshold concentrations. Reference threshold concentrations are defined as the 85<sup>th</sup> percentile of sample concentrations taken from reference sites in Southern California. Estimated values (J-flagged values) measured above the detection limit but below the reporting limit were not considered to be in exceedance of reference thresholds. Complete chemistry and toxicity reports for each storm event are provided in Appendices C and D, respectively. A summary of chemistry results is provided in Table 3-3, and is described in the following text.

### **3.2.1 Field Water Quality**

#### *January 6, 2016 Storm Event*

Field parameter measurements at Ocean Receiving Water stations are provided in Table 3-4. Pre-storm measurements of temperature, salinity, conductivity, turbidity and DO were similar at ASBS-SO1 and ASBS-SO2 prior to the January 6, 2016 storm event. Pre-storm pH differed somewhat among the two sites however, measuring 8.26 pH units at ASBS-SO1 and 7.97 pH units at ASBS-SO2. Water temperature dropped slightly during the January storm event at both ASBS-SO1 and ASBS-SO2. Salinity, conductivity, and pH also decreased slightly during the storm event as fresh water entered the receiving water. Turbidity increased only slightly during the storm event from pre-storm conditions.

#### *March 6, 2016 Storm Event*

Salinity and conductivity were substantially lower during the storm (14.7 ppt) than before the storm (33.3 ppt). Since the ocean receiving water sample was collected in the mixing zone immediately out from where the effluent entered the receiving water, a drop in salinity and conductivity during the storm event is to be expected. Temperature was approximately two degrees lower and DO was approximately 1.3 mg/L higher during the storm event than before the storm event. Turbidity increased during the storm event, likely as a result of increased wave activity and turbid runoff entering the receiving water. pH was relatively unchanged by the storm event, decreasing less than 0.2 pH units from the pre-storm level.

Table 3-3. Summary of Ocean Receiving Water Results from Monitored Storm Events during the 2015-2016 Storm Season

Analyte	Units	Natural Water Quality	ASBS-SO1 Pre-Storm	ASBS-SO1 Post-Storm	ASBS-SO2 Pre-Storm	ASBS-SO2 Post-Storm	ASBS-SO1 Pre-Storm	ASBS-SO1 Post-Storm
		85th Percentile	1/3/2016	1/6/2016	1/3/2016	1/6/2016	3/4/2016	3/6/2016
<b>General Chemistry</b>								
Ammonia as N	mg/L	0.015	<0.02	0.15	<0.02	0.04J	<0.02	0.04J
Nitrate as N	mg/L	0.34	0.02J	0.04J	0.02J	0.03J	<0.01	0.08
Oil & Grease	mg/L	0.5	<1	<1	<1	<1	<1	1.1
Total Orthophosphate as P	mg/L	0.1	0.03	0.03	0.03	0.04	0.04	0.15
Total Suspended Solids	mg/L	48	57.6	10.7	4.5	35.2	5.6	52.7
<b>Trace Metals</b>								
Arsenic (As)	µg/L	1.8	1.525	1.551	1.437	1.592	1.414	2.061
Cadmium (Cd)	µg/L	0.15	0.036	0.028	0.028	0.108	0.052	0.091
Chromium (Cr)	µg/L	1.9	0.32	0.90	0.27	1.96	0.62	5.07
Copper (Cu)	µg/L	1.5	0.40	0.56	0.25	2.00	0.35	2.35
Lead (Pb)	µg/L	0.5	0.32	0.17	0.06	0.65	0.19	0.66
Mercury (Hg)	µg/L	0.0006	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
Nickel (Ni)	µg/L	1.3	0.98	0.81	0.33	1.95	0.46	3.51
Selenium (Se)	µg/L	0.0025	0.02	0.012J	0.015	0.076	0.023	0.042
Silver (Ag)	µg/L	0.08	0.08	0.09	0.08	0.09	0.02	0.02
Zinc (Zn)	µg/L	18.6	0.4	1.1	1.5	5.3	1.0	10.4
<b>Organophosphorus Pesticides</b>								
Total OP Pesticides	ng/L	6	6	6	6	6	6	6
<b>Polynuclear Aromatic Hydrocarbons</b>								
Total PAHs	ng/L	12.5	12.5	12.5	12.5	35.2	12.5	18.8
<b>Pyrethroids</b>								
Bifenthrin	ng/L		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyhalothrin, Total Lambda	ng/L		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Esfenvalerate	ng/L		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Esfenvalerate/Fenvalerate	ng/L		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fenvalerate	ng/L		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Pyrethroids	ng/L	6.75	6.75	6.75	6.75	6.75	6.75	6.75

&lt; - results less than the method detection limit.

J-Analyte was detected at a concentration below the reporting limit and above the method detection limit. Reported value is estimated.

**Table 3-4. Field Parameter Measurements at Ocean Receiving Water Stations**

Parameter	ASBS-SO1		ASBS-SO2		ASBS-SO1	
	Pre-storm	Post-storm	Pre-storm	Post-storm	Pre-storm	Post-storm
	1/3/2016	1/6/2016	1/3/2016	1/6/2016	3/4/2016	3/6/2016
	12:10	17:15	11:40	16:30	13:30	4:30
Temp (°C)	14.97	12.6	14.8	13.71	17.45	15.27
Salinity (ppt)	33.24	32	32.62	32.1	33.28	14.74
Conductivity (µS)	50,665	49,120	49,842	49,140	50,685	24,211
pH (pH units)	8.26	7.82	7.97	7.88	8.04	7.87
Turbidity (NTU)	-0.5	2.0	0.2	3.6	2.7	41.3
DO (mg/L)	8.31	8.63	8.18	8.53	8.21	9.5

°C = degrees Celsius, ppt = parts per thousand, µS = micro Siemens, NTU = Nephelometric turbidity units, mg/L = milligrams per Liter

### 3.2.2 General Chemistry

#### *January 6, 2016 Storm Event*

General chemistry constituents included ammonia as N, nitrate as N, oil and grease, total orthophosphate as P, and TSS. Post-storm ammonia concentrations at both ASBS-SO1 and ASBS-SO2 were above the 85<sup>th</sup> percentile reference threshold. Pre-storm samples were less than 0.02 mg/L at both ocean receiving water stations. However, because the ammonia concentration at ASBS-SO2 was an estimated value (J-flagged), it was not considered to be in exceedance of the 85<sup>th</sup> percentile reference threshold.

Pre-storm nitrate concentrations were estimated (J-flagged) at 0.02 mg/L for both ASBS-SO1 and ASBS-SO2 and increased only slightly to estimated values of 0.04 mg/L and 0.03 mg/L at ASBS-SO1 and ASBS-SO2, respectively, during the storm event. No oil and grease was detected in pre-storm or post-storm samples at either receiving water location. Total orthophosphate remained unchanged at ASBS-SO1 and increased only slightly from 0.03 mg/L to 0.04 mg/L at ASBS-SO2 during the storm event. The pre-storm TSS concentration was above the reference threshold at ASBS-SO1; however the post-storm TSS concentration was below the reference threshold. Although TSS increased during the storm event at ASBS-SO2 from the pre-storm concentration, it remained below the 85<sup>th</sup> percentile reference threshold value of 48 mg/L.

#### *March 6, 2016 Storm Event*

Post-storm concentrations of ammonia, oil and grease, total orthophosphate, and TSS were measured above 85<sup>th</sup> percentile reference threshold values at ASBS-SO1. However, because the ammonia concentration was an estimated value (J-flagged), it was not considered to be in exceedance of the 85<sup>th</sup> percentile reference threshold. Each of the general chemistry constituents had higher post-storm concentrations than pre-storm concentrations. The post-storm measurements of oil and grease and total orthophosphate were 1.1 mg/L and 0.15 mg/L, respectively, which were slightly above the oil and grease and total orthophosphate reference

thresholds of 0.5 mg/L and 0.1 mg/L, respectively. TSS was measured at 52.7 mg/L during the storm event, which slightly exceeded the 85<sup>th</sup> percentile reference threshold value of 48 mg/L.

### **3.2.3 Total Metals**

#### *January 6, 2016 Storm Event*

In general, post-storm metals concentrations in ocean receiving water samples at ASBS-SO1 were either below the 85<sup>th</sup> percentile reference threshold values or were below pre-storm concentrations. Silver, which was the only metal that exceeded both criteria, had a pre-storm concentration of 0.08 µg/L and a post-storm concentration of 0.09 µg/L which was slightly above the threshold of 0.08 µg/L. While the post-storm selenium concentration was measured above the reference threshold, it was below the pre-storm concentration, and therefore not considered as an exceedance of natural water quality. At ASBS-SO2, concentrations of chromium, copper, lead, nickel, selenium, and silver were above 85<sup>th</sup> percentile reference threshold values.

#### *March 6, 2016 Storm Event*

During the March 6, 2016 storm event, concentrations of arsenic, chromium, copper, lead, nickel, and selenium at ASBS-SO1 were above 85<sup>th</sup> percentile reference threshold values. The pre-storm concentrations of selenium also exceeded 85<sup>th</sup> percentile reference threshold value at ASBS-SO1. Post-storm concentrations of arsenic, chromium, copper, lead, and nickel were 1.1, 2.7, 1.6, 1.3, and 2.7 times higher, respectively, than 85<sup>th</sup> percentile reference threshold values, while selenium had a post-storm concentration 16.8 times higher than the reference threshold value.

### **3.2.4 Polynuclear Aromatic Hydrocarbons**

#### *January 6, 2016 Storm Event*

PAH concentrations were below the detection limit of 1 ng/L for 20 out of 25 analyzed PAHs during the January 6, 2016 storm event at ASBS-SO1. Eighteen PAHs (out of 25 that were analyzed) were detected in the post-storm sample from ASBS-SO2, but only five of these were above the reporting limit (5 ng/L) (Table 3-3). Low concentrations of PAHs were detected in pre-storm samples from both ocean receiving water locations but none of the concentrations were above reporting limits. The post-storm concentration of total PAHs at ASBS-SO2 (35.2 ng/L) was slightly above the 85<sup>th</sup> percentile reference threshold of 12.5 ng/L. The California Ocean Plan does not provide a total PAHs WQO for the protection of marine aquatic life. It should be noted that detected values that were below the reporting limit were summed as half the detection limit for comparison against the 85<sup>th</sup> percentile reference threshold. Individual PAH concentrations can be found in the chemistry reports provided in Appendix C.

#### *March 6, 2016 Storm Event*

Benzo(b)fluoranthene was the only PAH which was measured above the reporting limit in the post-storm sample collected from ASBS-SO1 on March 6, 2016. As a result, the total PAH

concentration of 18.8 ng/L was slightly above the 85<sup>th</sup> percentile reference threshold value of 12.5 ng/L.

### **3.2.5 Organophosphorus Pesticides**

*January 6, 2016 Storm Event and March 6, 2016 Storm Event*

Pre-storm and post-storm concentrations of OP pesticides were below detection limits during both of the monitored storm events. The 85<sup>th</sup> percentile reference threshold value for total OP pesticides (6.0 ng/L) was not exceeded at either ASBS-SO1 or ASBS-SO2 during the monitored storm events.

### **3.2.6 Synthetic Pyrethroids**

*January 6, 2016 Storm Event and March 6, 2016 Storm Event*

Pre-storm and post-storm concentrations of synthetic pyrethroid pesticides were below detection limits during each of the monitored storm events. The 85<sup>th</sup> percentile reference threshold value for total pyrethroids (6.75 ng/L) was not exceeded at either ASBS-SO1 or ASBS-SO2 during the January 6, 2016 storm event or at ASBS-SO1 during the March 6<sup>th</sup> storm event.

In the calculation of the total pyrethroid pesticides concentration, a subset of ten pyrethroid pesticides were totaled (in accordance with SCCWRP's method for establishing the 85<sup>th</sup> percentile reference threshold). A value of one-half of the method detection limit was used for non-detect values.

### **3.2.7 Toxicity**

Toxicity samples were collected during each storm event from ocean receiving water locations while runoff from the outfall pipe was still flowing into the receiving water. Toxicity testing of ocean receiving water consisted of the following tests: *M. galloprovincialis* (bivalve) development, *S. purpuratus* (sea urchin) fertilization, and *M. pyrifera* (giant kelp) germination and growth. A summary of the toxicity results from these bioassay tests is presented in Table 3-5. The full toxicity reports for each storm event are provided in Appendix D.

*January 6, 2016 Storm Event*

Results indicate that there was no toxicity observed to *M. galloprovincialis* development, *S. purpuratus* fertilization, or *M. pyrifera* germination or growth in exposures to ocean receiving water from ASBS-SO1 and ASBS-SO2 during the January 6, 2016 storm event. This is supported by no observed effect concentration (NOEC) values of 100% and lowest observed effect concentration (LOEC) values of greater than 100% for each of the bioassay tests.

*March 6, 2016 Storm Event*

Results indicate that there was no toxicity observed to *M. galloprovincialis* development, *S. purpuratus* fertilization, or *M. pyrifera* germination or growth was observed in exposures to

**Malibu ASBS Special Protections Monitoring –  
2015-2016 Report****August 2016**

ocean receiving water from ASBS-SO1 during the March 6, 2016 storm event. This is supported by NOEC values of 100% and LOEC values of greater than 100% for each of the bioassay tests.

**Table 3-5. Summary of Ocean Receiving Water Monitoring Toxicity Results for Post-Storm Samples**

Outfall	Storm Date	Toxicity Test	NOEC (%)	LOEC (%)	EC <sub>25</sub> (%)	EC <sub>50</sub> (%)	TU <sub>c</sub>
ASBS-SO1	(January 6, 2016)	Bivalve development	100	>100	>100	>100	1
		Sea Urchin Fertilization	100	>100	>100	>100	1
		Kelp Germination	100	>100	>100	>100	1
		Kelp Growth	100	>100	>100	>100	1
	(March 6, 2016)	Bivalve development	100	>100	>100	>100	1
		Sea Urchin Fertilization	100	>100	>100	>100	1
		Kelp Germination	100	>100	>100	>100	1
		Kelp Growth	100	>100	>100	>100	1
ASBS-SO2	(January 6, 2016)	Bivalve development	100	>100	>100	>100	1
		Sea Urchin Fertilization	100	>100	>100	>100	1
		Kelp Germination	100	>100	>100	>100	1
		Kelp Growth	100	>100	>100	>100	1

> = greater than.

NOEC = no observed effect concentration.

LOEC = lowest observed effect concentration.

EC<sub>25</sub> = concentration producing a 25% response.

EC<sub>50</sub> = concentration producing a 50% response, or median effective concentration.

TU<sub>c</sub> = toxic units chronic.

### 3.3 Flow Modeling and Pollutant Load Calculations

Flow modeling was performed previously for each monitored outfall during the 2012-2013 and 2013-2014 storm seasons. Modeled flows were verified by correlating actual flows measured in outfall pipes ASBS-016 and ASBS-028 to modeled flows. Because flow equipment was removed from the outfalls following the 2013-2014 storm season, no additional flow modeling or pollutant loading was performed for events monitored during the 2015-2016 storm season.

### 3.4 Determination of Compliance with Natural Water Quality

Compliance with natural water quality was assessed by comparing post-storm ocean receiving water data from wet weather monitoring in ASBS 24 to the pre-storm data from the same site and to the 85<sup>th</sup> percentile threshold of reference sample concentrations measured during Bight 2008 and Bight 2013. Compliance with natural water quality requires lower values of post-storm receiving water concentrations relative to the 85<sup>th</sup> percentile reference threshold and the pre-storm concentrations. The Bight data from 2013 were combined with previously collected data during Bight '08 to determine the current 85<sup>th</sup> percentile constituent thresholds for natural water quality.

Concentrations of pollutants in post-storm receiving water were compared to those in pre-storm receiving water and to the 85<sup>th</sup> percentile threshold of reference sample concentrations. When

**Malibu ASBS Special Protections Monitoring –  
2015-2016 Report****August 2016**

post-storm receiving water concentrations are greater than the 85<sup>th</sup> percentile threshold and are greater than pre-storm concentrations for two or more consecutive storm events, they are considered to be in exceedance of natural water quality in accordance with Special Protections. Since the monitoring performed in 2015-2016 was an addendum to the previous monitoring program from 2012-2013 and 2013-2014, the ocean receiving water stations were examined sequentially to determine compliance with Special Protections. Table 3-6 presents the results showing which analytes were in exceedance of the 85<sup>th</sup> percentile reference threshold for each monitored storm event since the 2012-2013 storm season.

During Storm 1 (2/19/2013), selenium and total PAHs concentrations at ASBS-SO2 were above the 85<sup>th</sup> percentile reference threshold and were also above the pre-storm concentration (Table 3-6). For Storm 2 (3/8/2013), concentrations of nitrate, chromium, copper, lead, nickel, selenium, zinc, and total PAHs at ASBS-SO2 were above the 85<sup>th</sup> percentile reference threshold and were also above the pre-storm concentrations. There was no data from ASBS-SO1 for these initial two storm events since no flow entered the receiving water from the linked storm drain outfall ASBS-016. During Storm 3 (2/28/2014), concentrations of TSS, total orthophosphate, mercury, selenium, silver, total pyrethroids, and total PAHs were above the natural water quality criteria at ASBS-SO2, and mercury, silver, and zinc concentrations were above the natural water quality criteria at ASBS-SO1. The storm on January 6, 2016 (Storm 4) resulted in concentrations of ammonia and silver that were in exceedance of the 85<sup>th</sup> percentile reference threshold values at ASBS-SO1 and concentrations of chromium, copper, lead, nickel, selenium, silver, and total PAHs that were in exceedance of reference threshold values at ASBS-SO2. During the storm on March 6, 2016 (Storm 5), oil and grease, total orthophosphate, TSS, arsenic, chromium, copper, lead, nickel, selenium, and total PAHs were above the 85<sup>th</sup> percentile reference threshold values at ASBS-SO1 (Storm 5 was not monitored for ASBS-SO2). It should be noted that while the ammonia concentration (0.04 mg/L) was technically measured above the 0.015 mg/L reference threshold value at ASBS-SO1 during Storm 5 and at ASBS-SO2 during Storm 4, these results were estimated values and therefore were not considered to be in exceedance of the 85<sup>th</sup> percentile reference threshold.

Thus, at ASBS-SO1 silver was the only analyte which exceeded the reference threshold during consecutive storm events (Storm 3 and 4). However, since silver did not exceed the reference threshold during Storm 5 at ASBS-SO1, it may be inferred that silver is not a chronic threat to the water quality of the ASBS at this location.

At ASBS-SO2, selenium, silver, and total PAHs exceeded the reference threshold during consecutive storm events. Selenium and total PAHs were in exceedance of the reference threshold at ASBS-SO2 during four consecutive storm events, whereas silver was in exceedance of the reference threshold during two consecutive storm events. It should be noted that although selenium and silver exceeded the value assigned to natural water quality based on reference site monitoring, the selenium concentration in the ocean receiving water was over three orders of magnitude below the COP Imax.

**Table 3-6. Constituents that Exceeded the 85<sup>th</sup> Percentile Reference Threshold**

SO1					SO2				
Storm 1	Storm 2	Storm 3	Storm 4	Storm 5	Storm 1	Storm 2	Storm 3	Storm 4	
2/19/2013	3/8/2013	2/28/2014	1/6/2016	3/6/2016	2/19/2013	3/8/2013	2/28/2014	1/6/2016	
No Flow	No Flow		Ammonia						
				Oil and grease				TSS	
				Total orthophosphate			Nitrate		
				TSS		Chromium		Chromium	
				Arsenic		Copper		Copper	
				Chromium		Lead		Lead	
				Copper			Mercury		
				Lead		Nickel		Nickel	
		Mercury				Selenium	Selenium	Selenium	Selenium
				Nickel				Silver	Silver
				Selenium			Zinc		
		Silver	Silver			Total PAHs	Total PAHs	Total PAHs	Total PAHs
		Zinc						Total pyrethroids	
					Total PAHs			Total orthophosphate	

Shaded cells indicate analytes that exceeded the 85<sup>th</sup> percentile reference threshold for two consecutive storm events including the most recent storm events.



## **4.0 SUMMARY AND DISCUSSION**

Special Protections Monitoring for ASBS 24 during the 2015-2016 storm season consisted of monitoring two outfalls and their linked ocean receiving water stations. Monitoring was comprised of chemical analyses of PAHs, pyrethroids, metals, OP pesticides, ammonia, nitrate, oil and grease, TSS, and total orthophosphate for each of the outfalls and the two ocean receiving water stations. Toxicity testing was also performed on ocean receiving water samples (three species during each storm event). Results from the two monitoring events are discussed below.

### ***Ocean Receiving Water Monitoring***

Ocean receiving water samples were collected from ASBS-SO1 during two storm events and from ASBS-SO2 during one storm event. Ocean receiving water post-storm chemistry results revealed that ammonia and silver were above the 85<sup>th</sup> percentile reference threshold at ASBS-SO1 during the January 6, 2016 storm event and oil and grease, total orthophosphate, TSS, total PAHs, and six metals (arsenic, chromium, copper, lead, nickel, and selenium) were above the 85<sup>th</sup> percentile reference threshold at ASBS-SO1 during the March 6, 2016 storm event. At ASBS-SO2, six metals (chromium, copper, lead, nickel, selenium, and silver) and total PAHs were above the 85<sup>th</sup> percentile reference threshold in post-storm samples from the January 6, 2016 storm event. Several constituents, such as TSS, selenium and silver had pre-storm concentrations that exceeded or equaled the 85<sup>th</sup> percentile reference threshold at one or both stations. Of these, concentrations of TSS and selenium from the January 6, 2016 storm event at ASBS-SO1 were higher in the pre-storm sample than in the post-storm sample.

Toxicity results from ocean receiving water collected at the receiving water sites ASBS-SO1 (associated with outfall ASBS-016) and ASBS-SO2 (associated with outfall ASBS-028) indicate that no toxicity was observed in any of the three test species from receiving water collected during the January 6, 2016 storm event. Similarly, no toxicity was observed in any of the three test species to receiving water collected from ASBS-SO1 during the March 6, 2016 storm event.

### ***Core Discharge Monitoring***

Core discharge water samples were collected from ASBS-016 during two storm events and from ASBS-028 during one storm event. During the January 6, 2016 storm event, the effluent from outfalls ASBS-016 and ASBS-028 was generally similar in concentration for most metals while constituents such as nitrate, TSS, and oil and grease varied somewhat between the two sites. No OP pesticides or synthetic pyrethroids were detected at ASBS-016, and no OP pesticides were detected at ASBS-028. Five different pyrethroids, were detected at ASBS-028, and were comprised predominantly by bifenthrin. Total PAHs were approximately ten times higher at ASBS-028 than at ASBS-016.

During the March 6, 2016 storm event, general chemistry concentrations at ASBS-016 were similar to those measured during the January 6, 2016 storm event. Metals concentrations, however, were all lower at ASBS-016 during the March 2016 storm event than during the January 6, 2016 storm event. Similar to the January 6, 2016 storm event, no OP pesticides or synthetic pyrethroid pesticides were detected at ASBS-016 during the March 6, 2016 storm event, and total PAHs were nearly identical in concentration (223 ng/L in January 2016 vs. 227 ng/L in March 2016).

***Link between Outfall Concentrations and Receiving Water Concentrations***

The link between the concentrations measured at outfalls ASBS-016 and ASBS-028 to concentrations measured at their respective ocean receiving water stations was explored. As previously mentioned, selenium, silver, and total PAHs at ASBS-SO2 were the only recurring constituents in the ocean receiving water that were elevated above background concentrations (pre-storm concentrations) and were above the 85<sup>th</sup> percentile reference threshold for two or more consecutive storm events.

***ASBS-028 and ASBS-SO2***

Table 4-1 presents the list of constituents which had either pre-storm or post-storm exceedances of 85<sup>th</sup> percentile reference threshold values at ASBS-SO2 for the storm event monitored on January 6, 2016. Table 4-1 also includes information used to determine whether effluent from outfall ASBS-028 may have contributed to these exceedances.

**Total PAHs**

During the January 6, 2016 storm event, the post-storm concentration of total PAHs was measured slightly above the 85<sup>th</sup> percentile reference threshold at ASBS-SO2. Although the outfall total PAH concentration at ASBS-028 was substantially higher than the pre-storm ocean receiving water total PAH concentration, there is not a COP I<sub>max</sub> value established for total PAHs for the protection of marine aquatic life. Because of this, it is difficult to quantify the level of management actions that would need to be undertaken.

PAHs can occur naturally from forest and grass fires, oil seeps, volcanic eruptions, and chlorophyllus plants, fungi, and bacteria. Anthropogenic sources of PAHs include the incomplete combustion of organic matter from manufacturing facilities, as well as from petroleum processing, power generation, waste incineration, home heating, lubricating materials, tar and asphalt. Internal combustion engines used in automobiles, railways, ships, and aircraft are also leading sources of PAH emissions in the environment (ATSDR 1995). The PAH sources in the watershed of ASBS-028 in the ocean receiving water would include some combination of motor oil, automobile exhaust emissions, ash from recent forest fires, tar and asphalt, and construction activities. Observed on-going construction on Malibu Cove Colony Drive has the potential to contribute to PAH contamination in the receiving water via oil leaks from contractor trucks and generators.

**Selenium**

Both the pre-storm and post-storm concentrations of selenium were measured above the 85<sup>th</sup> percentile reference threshold value at ASBS-SO2 for the January 6, 2016 storm event. Although the outfall total selenium concentration at ASBS-028 was higher than the pre-storm ocean receiving water concentration, it remained over three orders of magnitude below the COP I<sub>max</sub> value established for the protection of marine aquatic life.

Selenium occurs naturally in the environment, often found in association with sulfide ores of copper, iron, zinc, and in natural coal deposits. (<http://www.clw.csiro.au/publications/waterforahealthycountry/2010/wfhc-contaminants-domestic-wastewater.pdf>). Selenium is widely used in the electronics industry, as well as in the

**Malibu ASBS Special Protections Monitoring –  
2015-2016 Report****August 2016**

manufacture of ceramics, semiconductors, glass and pigments, alloys, catalysts, personal hygiene products, and animal feeds. The selenium sources in the ASBS-028 watershed and in the ocean receiving water may include some combination of naturally occurring selenium in the soil that has been exposed through construction activity or natural erosion and anthropogenic sources.

Silver

Silver was measured above the 85<sup>th</sup> percentile reference threshold during the January 6, 2016 storm event. During this event, the effluent concentration in outfall ASBS-028 was estimated to be 0.01 µg/L (J-flagged) and the ocean receiving water concentration at ASBS-SO2 was 0.09 µg/L. Since the ocean receiving water concentration was greater than the outfall concentration, and was only slightly greater than the pre-storm ocean receiving water concentration (0.08 µg/L), it seems unlikely that the effluent from ASBS-028 contributed to the ocean receiving water concentration at ASBS-SO2. The incremental difference of 0.01 µg/L between the pre-storm and post-storm ocean receiving water concentration can likely be explained by normal grab sample variability and suggests that the source of the detected silver measured in the Escondido Beach receiving water originates outside of the ASBS-028 watershed. It should be noted that similar silver concentrations in the ocean receiving water were also detected in pre-storm samples collected at ASBS-SO1 along Zuma Beach.

Silver is a rare but naturally occurring element that is most commonly found in its pure form in ores or as a compound in the form of silver sulfide. In industry, silver is used in the manufacture of silver nitrate, silver bromide and other photographic chemicals, water distillation equipment, mirrors, silver plating equipment, special batteries, table cutlery, jewelry, dental medical and scientific equipment including amalgams (Smith and Carson 1977). Silver is tightly bound by sewage sludge, and elevated silver concentrations in sediments are often characteristic of areas near sewage outfalls. Silver in oxidized sediments is closely associated with oxides of iron and with humic substances (Bryan & Langston, 1992).

**Table 4-1. Comparison of ASBS-028 Outfall Concentrations to Pre-storm and Post-storm Ocean Receiving Water Concentrations for ASBS-SO2**

Parameter	Units	COP IMAX	Natural Water Quality 85 <sup>th</sup> Percentile	Outfall ASBS-028	Ocean Receiving Water ASBS-SO2	
				Outfall (1-6-16)	Pre-storm (1-3-16)	Post-storm (1-6-16)
Total PAHs	ng/L		12.5	2161.2	12.5	35.2
Selenium	µg/L	150	0.0025	1.48	0.015	0.076
Silver	µg/L	7	0.08	0.01J	0.08	0.09

J- Analyte was detected at a concentration below the reporting limit and above the method detection limit. Reported value is estimated.

**Compliance with Natural Water Quality**

Compliance with natural water quality was determined by comparing post-storm receiving water data from wet weather monitoring conducted since the 2012-2013 storm season for ASBS 24 to pre-storm receiving water data and to the 85<sup>th</sup> percentile threshold of reference sample concentrations calculated from data collected during Bight 2008 and Bight 2013.

Based on the results of five storm events and four storm events that were monitored at ASBS-SO1 and ASBS-SO2, respectively, since 2012-2013 storm season, no analytes were in

exceedance of the 85<sup>th</sup> percentile reference threshold at ASBS-SO1 and three analytes were in exceedance of the reference threshold at ASBS-SO2. The three analytes that exceeded 85<sup>th</sup> percentile reference threshold at SO2 were total PAHs, selenium, and silver. Total PAHs and selenium concentrations were above the reference threshold in four consecutive storm events whereas silver was above the reference threshold in the two most recent storm events.

#### **4.1 Recommendations**

As previously discussed, there were three constituents which had concentrations that were outside of established compliance parameters for natural water quality in the receiving water at ASBS-SO2: selenium, silver, and total PAHs.

- An evaluation of the potential load reduction required for selenium to be in compliance with the Special Protections document is provided in Area of Special Biological Significance 24 Compliance Plan for the County of Los Angeles and the City of Malibu (Weston, 2014).
- The most recent monitoring data supports no action to be taken regarding reducing the silver concentration in storm drain effluent from ASBS-028. This is based upon the measured outfall concentrations of the two most recent storm events being substantially lower than the measured ocean receiving water concentrations.
- Total PAHs has no established COP Imax value to determine necessary management actions. As a result, no additional BMP recommendation is provided other than those actions provided in the ASBS Compliance Plan.

## 5.0 LITERATURE CITED

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**APPENDIX A**

**Special Protections Document**

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**STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 2012-0012****APPROVING EXCEPTIONS TO THE CALIFORNIA OCEAN PLAN FOR SELECTED  
DISCHARGES INTO AREAS OF SPECIAL BIOLOGICAL SIGNIFICANCE, INCLUDING  
SPECIAL PROTECTIONS FOR BENEFICIAL USES,  
AND CERTIFYING A PROGRAM ENVIRONMENTAL IMPACT REPORT****WHEREAS:**

1. The State Water Resources Control Board (State Water Board) adopted the California Ocean Plan (Ocean Plan) on July 6, 1972 and revised the Ocean Plan in 1978, 1983, 1988, 1990, 1997, 2000, 2005, and 2009.
2. The Ocean Plan prohibits the discharge of waste to designated Areas of Special Biological Significance (ASBS).
3. ASBS are designated by the State Water Board as ocean areas requiring protection of species or biological communities to the extent that alteration of natural water quality is undesirable.
4. Under the Marine Managed Areas Improvement Act, all ASBS are designated as a subset of state water quality protection areas and require special protection as determined by the State Water Board pursuant to the Ocean Plan and the Water Quality Control Plan for Control of Temperature in the Coastal and Interstate Waters and Enclosed Bays and Estuaries of California (Thermal Plan).
5. In state water quality protection areas, waste discharges must be prohibited or limited by special conditions, in accordance with the Porter-Cologne Water Quality Control Act, California Water Code §13000 et seq., and implementing regulations, including the Ocean Plan and Thermal Plan.
6. The Ocean Plan authorizes the State Water Board to grant an exception to Ocean Plan provisions where the board determines that the exception will not compromise protection of ocean waters for beneficial uses and the public interest will be served.
7. On October 18, 2004, the State Water Board notified a number of parties that they must cease the discharge of storm water and nonpoint source waste into ASBS or request an exception to the Ocean Plan.
8. The State Water Board has now received 27 applications for an exception to the Ocean Plan prohibition against waste discharges into an ASBS. The applicants, who are listed in Attachment A to this resolution, discharge storm water and nonpoint source waste into ASBS.
9. The State Water Board finds that granting the requested exceptions will not compromise protection of ocean waters for beneficial uses, provided that the applicants comply with the prohibitions and special conditions that comprise the Special Protections contained in this resolution. The prohibitions and special conditions in the Special Protections, contained in Attachment B to this resolution, are intended to ensure that storm water

and nonpoint source discharges are controlled to protect the beneficial uses of the affected ASBS, including marine aquatic life and habitat, and to maintain natural water quality within ASBS. The Special Protections are also intended to maintain the natural hydrologic cycle and coastal ecology by allowing the flow of clean precipitation runoff into the ocean, while preserving coastal slope stability and preventing anthropogenic erosion.

10. The State Water Board finds that granting the requested exceptions is in the public interest because the various discharges are essential for flood control, slope stability, erosion prevention, and maintenance of the natural hydrologic cycle between terrestrial and marine ecosystems, public health and safety, public recreation and coastal access, commercial and recreational fishing, navigation, and essential military operations (national security).
11. The State Water Board staff conducted scoping meetings on August 1, 8, and 15, 2006. The comment period for CEQA scoping closed August 15, 2006. The State Water Board heard a status report on ASBS at the April 1, 2008 meeting.
12. The State Water Board staff prepared and circulated a Program Environmental Impact Report for the proposed exceptions, in accordance with the California Environmental Quality Act (CEQA) and implementing regulations.
13. The State Water Board held a public hearing on May 18, 2011, to receive comments on the proposed exceptions and the Program Environmental Impact Report. The written comment period ended on May 20, 2011. The State Water Board staff has considered the comments and prepared written response. The State Water Board finds, based on the whole record, including the applications, Draft Program Environmental Impact Report, comments, and responses, that there is no substantial evidence that approval of the exceptions will have a significant effect on the environment because of the terms and conditions incorporated into the project. The Program Environmental Impact Report reflects the State Water Board's independent judgment and analysis.
14. Granting the exceptions is consistent with federal and state antidegradation policies, in 40 C.F.R. §131.12 and [State Water Board Resolution No. 68-16](#), respectively. The terms, special conditions, and prohibitions that comprise these Special Protections will not authorize a lowering of water quality, but rather will improve water quality conditions in the affected ASBS.
15. This resolution only grants an exception from the Ocean Plan prohibition against waste discharges into ASBS to the applicants listed in Attachment A. It does not authorize waste discharges to state waters. In order to legally discharge waste into an ASBS, the applicants must have both coverage under this resolution and an appropriate authorization to discharge. Authorization to discharge for point source waste discharges to navigable waters consists of coverage under the National Pollutant Discharge Elimination System (NPDES) permit program. Nonpoint source discharges of waste must be regulated under waste discharge requirements, a conditional waiver, or a conditional prohibition.



16. The exceptions will be reviewed during the next triennial review of the Ocean Plan. If the State Water Board finds cause to revoke or re-open the exceptions, the board may do so during the triennial review or at any other time. During the next triennial review period staff will also evaluate those aspects of the exception that are successfully protecting beneficial uses, to make recommendations on a potential Ocean Plan amendment to address storm runoff into ASBS.
17. The State Water Board's record of proceedings in this matter is located at 1001 I Street, Sacramento, California, 95814 and the custodian is the Division of Water Quality.

THEREFORE BE IT RESOLVED THAT:

The State Water Board:

1. The State Water Board certifies that the [Final EIR](#) has been completed in compliance with CEQA. The State Water Board has reviewed and considered the information contained in these documents, which reflect the State Water Board's independent judgment and analysis.
2. Approves the exceptions to the Ocean Plan prohibition against waste discharges to ASBS for discharges of storm water and nonpoint source waste by the applicants listed in Attachment A to this resolution provided that:
  - a. The discharges are covered under an appropriate authorization to discharge waste to the ASBS, such as an NPDES permit and/or waste discharge requirements;
  - b. The authorization incorporates all of the Special Protections, contained in Attachment B to this resolution, which are applicable to the discharge; and
  - c. Only storm water and nonpoint source waste discharges by the applicants listed in Attachment A to this resolution are covered by this resolution. All other waste discharges to ASBS are prohibited, unless they are covered by a separate, applicable Ocean Plan exception.
3. Authorizes the Executive Director or designee to file the Notice of Determination with the Governor's Office of Planning and Research.
4. Authorizes the Executive Director or designee to transmit the exceptions to the United States Environmental Agency (U.S. EPA) for concurrence.
5. Directs staff to consider development of, and make recommendations for, an Ocean Plan amendment to address storm runoff into ASBS, during the next triennial review period.
6. Directs staff to propose for Board consideration up to \$1 million from the Proposition 50 Coastal Nonpoint Source (CNPS) program for additional ASBS Regional Monitoring, starting in the fall of 2012.

- 7. Directs staff, pending budget authority, to propose for Board consideration the use of CNPS funds (approximately \$10 million) in conjunction with the remaining Proposition 84 ASBS funds (\$3.6 million) for additional ASBS BMP projects.

**CERTIFICATION**


The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on March 20, 2012.

AYE: Chairman Charles R. Hoppin  
 Vice Chair Frances Spivy-Weber  
 Board Member Tam M. Doduc

NAY: None

ABSENT: None

ABSTAIN: None

  
 \_\_\_\_\_  
 Jeanine Townsend  
 Clerk to the Board

**Attachment A – Applicants**

<b>Applicant</b>	<b>ASBS</b>
Carmel by the Sea, City of	Carmel Bay
Connolly-Pacific Company	Southeast Santa Catalina Island
Department of Parks and Recreation	Redwoods National Park, Trinidad Head, King Range, Jughandle Cove, Gerstle Cove, James V. Fitzgerald, Año Nuevo, Carmel Bay, Point Lobos, Julia Pfeiffer Burns, Laguna Point to Latigo Point, Irvine Coast
Department of Transportation (CalTrans)	Redwoods National Park, Saunders Reef, James V. Fitzgerald, Año Nuevo, Carmel Bay, Point Lobos, Julia Pfeiffer Burns, Salmon Creek Coast, Laguna Point to Latigo Point, Irvine Coast
Humboldt County	King Range
Humboldt Bay Harbor District	King Range
Irvine Company	Irvine Coast
Laguna Beach, City of	Heisler Park
Los Angeles County	Laguna Point to Latigo Point
Los Angeles County Flood Control District	Laguna Point to Latigo Point
Malibu, City of	Laguna Point to Latigo Point
Marin County	Duxbury Reef
Monterey, City of	Pacific Grove
Monterey, County of	Carmel Bay
Newport Beach, City of, and on behalf of the Pelican Point Homeowners	Robert E. Badham And Irvine Coast
Pacific Grove, City of	Pacific Grove
Pebble Beach Company, and on behalf of the Pebble Beach Stillwater Yacht Club	Carmel Bay
San Diego, City of	La Jolla
San Mateo County	James V. Fitzgerald
Santa Catalina Island Company, and on behalf of the Santa Catalina Island Conservancy	Northwest Santa Catalina Island And Western Santa Catalina Island
Sea Ranch Association	Del Mar Landing
Trinidad, City of	Trinidad Head
Trinidad Rancheria	Trinidad Head
U.S. Dept. of Interior, Point Reyes National Seashore	Point Reyes Headlands, Duxbury Reef
U.S. Dept. of Interior, Redwoods National and State Park	Redwoods National Park
U.S. Dept. of Defense, Air Force	James V. Fitzgerald
U.S. Dept. of Defense, Navy	San Nicolas Island & Begg Rock
U.S. Dept. of Defense, Navy	San Clemente Island

## **Attachment B - Special Protections for Areas of Special Biological Significance, Governing Point Source Discharges of Storm Water and Nonpoint Source Waste Discharges**

### **I. PROVISIONS FOR POINT SOURCE DISCHARGES OF STORM WATER AND NONPOINT SOURCE WASTE DISCHARGES**

The following terms, prohibitions, and special conditions (hereafter collectively referred to as special conditions) are established as limitations on point source storm water and nonpoint source discharges. These special conditions provide Special Protections for marine aquatic life and natural water quality in Areas of Special Biological Significance (ASBS), as required for State Water Quality Protection Areas pursuant to California Public Resources Code Sections 36700(f) and 36710(f). These Special Protections are adopted by the State Water Board as part of the California Ocean Plan (Ocean Plan) General Exception.

The special conditions are organized by category of discharge. The State Water Resources Control Board (State Water Board) and Regional Water Quality Control Boards (Regional Water Boards) will determine categories and the means of regulation for those categories [e.g., Point Source Storm Water National Pollutant Discharge Elimination System (NPDES) or Nonpoint Source].

#### **A. PERMITTED POINT SOURCE DISCHARGES OF STORM WATER**

##### **1. General Provisions for Permitted Point Source Discharges of Storm Water**

- a. Existing storm water discharges into an ASBS are allowed only under the following conditions:
  - (1) The discharges are authorized by an NPDES permit issued by the State Water Board or Regional Water Board;
  - (2) The discharges comply with all of the applicable terms, prohibitions, and special conditions contained in these Special Protections; and
  - (3) The discharges:
    - (i) Are essential for flood control or slope stability, including roof, landscape, road, and parking lot drainage;
    - (ii) Are designed to prevent soil erosion;
    - (iii) Occur only during wet weather;
    - (iv) Are composed of only storm water runoff.
- b. Discharges composed of storm water runoff shall not alter natural ocean water quality in an ASBS.

- c. The discharge of trash is prohibited.
  - d. Only discharges from existing storm water outfalls are allowed. Any proposed or new storm water runoff discharge shall be routed to existing storm water discharge outfalls and shall not result in any new contribution of waste to an ASBS (i.e., no additional pollutant loading). "Existing storm water outfalls" are those that were constructed or under construction prior to January 1, 2005. "New contribution of waste" is defined as any addition of waste beyond what would have occurred as of January 1, 2005. A change to an existing storm water outfall, in terms of re-location or alteration, in order to comply with these special conditions, is allowed and does not constitute a new discharge.
  - e. Non-storm water discharges are prohibited except as provided below:
    - (1) The term "non-storm water discharges" means any waste discharges from a municipal separate storm sewer system (MS4) or other NPDES permitted storm drain system to an ASBS that are not composed entirely of storm water.
    - (2) (i) The following non-storm water discharges are allowed, provided that the discharges are essential for emergency response purposes, structural stability, slope stability or occur naturally:
      - (a) Discharges associated with emergency fire fighting operations.
      - (b) Foundation and footing drains.
      - (c) Water from crawl space or basement pumps.
      - (d) Hillside dewatering.
      - (e) Naturally occurring groundwater seepage via a storm drain.
      - (f) Non-anthropogenic flows from a naturally occurring stream via a culvert or storm drain, as long as there are no contributions of anthropogenic runoff.
    - (ii) An NPDES permitting authority may authorize non-storm water discharges to an MS4 with a direct discharge to an ASBS only to the extent the NPDES permitting authority finds that the discharge does not alter natural ocean water quality in the ASBS.
  - (3) Authorized non-storm water discharges shall not cause or contribute to a violation of the water quality objectives in Chapter II of the Ocean Plan nor alter natural ocean water quality in an ASBS.
2. Compliance Plans for Inclusion in Storm Water Management Plans (SWMP) and Storm Water Pollution Prevention Plans (SWPPP).

The discharger shall specifically address the prohibition of non-storm water runoff and the requirement to maintain natural water quality for storm water discharges to an ASBS in an ASBS Compliance Plan to be included in its SWMP or a SWPPP, as appropriate to permit type. If a statewide permit includes a SWMP, then the discharger shall prepare a stand-alone

compliance plan for ASBS discharges. The ASBS Compliance Plan is subject to approval by the Executive Director of the State Water Board (statewide permits) or Executive Officer of the Regional Water Board (for permits issued by Regional Water Boards).

- a. The Compliance Plan shall include a map of surface drainage of storm water runoff, showing areas of sheet runoff, prioritize discharges, and describe any structural Best Management Practices (BMPs) already employed and/or BMPs to be employed in the future. Priority discharges are those that pose the greatest water quality threat and which are identified to require installation of structural BMPs. The map shall also show the storm water conveyances in relation to other features such as service areas, sewage conveyances and treatment facilities, landslides, areas prone to erosion, and waste and hazardous material storage areas, if applicable. The SWMP or SWPPP shall also include a procedure for updating the map and plan when changes are made to the storm water conveyance facilities.
- b. The ASBS Compliance Plan shall describe the measures by which all non-authorized non-storm water runoff (e.g., dry weather flows) has been eliminated, how these measures will be maintained over time, and how these measures are monitored and documented.
- c. For Municipal Separate Storm Sewer System (MS4s), the ASBS Compliance Plan shall require minimum inspection frequencies as follows:
  - (1) The minimum inspection frequency for construction sites shall be weekly during rainy season;
  - (2) The minimum inspection frequency for industrial facilities shall be monthly during the rainy season;
  - (3) The minimum inspection frequency for commercial facilities (e.g., restaurants) shall be twice during the rainy season; and
  - (4) Storm water outfall drains equal to or greater than 18 inches (457 mm) in diameter or width shall be inspected once prior to the beginning of the rainy season and once during the rainy season and maintained to remove trash and other anthropogenic debris.
- d. The ASBS Compliance Plan shall address storm water discharges (wet weather flows) and, in particular, describe how pollutant reductions in storm water runoff, that are necessary to comply with these special conditions, will be achieved through BMPs. Structural BMPs need not be installed if the discharger can document to the satisfaction of the State Water Board Executive Director (statewide permits) or Regional Water Board Executive Officer (Regional Water Board permits) that such installation would pose a threat to health or safety. BMPs to control storm water runoff discharges (at the end-of-pipe) during a design storm shall be designed to achieve on average the following target levels:
  - (1) Table B Instantaneous Maximum Water Quality Objectives in Chapter II of the Ocean Plan; or

- (2) A 90% reduction in pollutant loading during storm events, for the applicant's total discharges.

The baseline for these determinations is the effective date of the Exception, except for those structural BMPs installed between January 1, 2005 and adoption of these Special Protections, and the reductions must be achieved and documented within four (4) years of the effective date.

- e. The ASBS Compliance Plan shall address erosion control and the prevention of anthropogenic sedimentation in ASBS. The natural habitat conditions in the ASBS shall not be altered as a result of anthropogenic sedimentation.
- f. The ASBS Compliance Plan shall describe the non-structural BMPs currently employed and planned in the future (including those for construction activities), and include an implementation schedule. The ASBS Compliance Plan shall include non-structural BMPs that address public education and outreach. Education and outreach efforts must adequately inform the public that direct discharges of pollutants from private property not entering an MS4 are prohibited. The ASBS Compliance Plan shall also describe the structural BMPs, including any low impact development (LID) measures, currently employed and planned for higher threat discharges and include an implementation schedule. To control storm water runoff discharges (at the end-of-pipe) during a design storm, permittees must first consider, and use where feasible, LID practices to infiltrate, use, or evapotranspire storm water runoff on-site, if LID practices would be the most effective at reducing pollutants from entering the ASBS.
- g. The BMPs and implementation schedule shall be designed to ensure that natural water quality conditions in the receiving water are achieved and maintained by either reducing flows from impervious surfaces or reducing pollutant loading, or some combination thereof.
- h. If the results of the receiving water monitoring described in IV.B. of these special conditions indicate that the storm water runoff is causing or contributing to an alteration of natural ocean water quality in the ASBS, the discharger shall submit a report to the State Water Board and Regional Water Board within 30 days of receiving the results.
  - (1) The report shall identify the constituents in storm water runoff that alter natural ocean water quality and the sources of these constituents.
  - (2) The report shall describe BMPs that are currently being implemented, BMPs that are identified in the SWMP or SWPPP for future implementation, and any additional BMPs that may be added to the SWMP or SWPPP to address the alteration of natural water quality. The report shall include a new or modified implementation schedule for the BMPs.
- (3) Within 30 days of the approval of the report by the State Water Board Executive Director (statewide permits) or Regional Water Board Executive Officer (Regional Water Board permits), the discharger shall revise its ASBS Compliance Plan to incorporate any new or modified BMPs that have been or will be implemented, the implementation schedule, and any additional monitoring required.

- (4) As long as the discharger has complied with the procedures described above and is implementing the revised SWMP or SWPPP, the discharger does not have to repeat the same procedure for continuing or recurring exceedances of natural ocean water quality conditions due to the same constituent.
- (5) The requirements of this section are in addition to the terms, prohibitions, and conditions contained in these Special Protections.

### 3. Compliance Schedule

- a. On the effective date of the Exception, all non-authorized non-storm water discharges (e.g., dry weather flow) are effectively prohibited.
- b. Within eighteen (18) months from the effective date of the Exception, the discharger shall submit a draft written ASBS Compliance Plan to the State Water Board Executive Director (statewide permits) or Regional Water Board Executive Officer (Regional Water Board permits) that describes its strategy to comply with these special conditions, including the requirement to maintain natural water quality in the affected ASBS. The ASBS Compliance Plan shall include a description of appropriate non-structural controls and a time schedule to implement structural controls (implementation schedule) to comply with these special conditions for inclusion in the discharger's SWMP or SWPPP, as appropriate to permit type. The final ASBS Compliance Plan, including a description and final schedule for structural controls based on the results of runoff and receiving water monitoring, must be submitted within thirty (30) months from the effective date of the Exception.
- c. Within 18 months of the effective date of the Exception, any non-structural controls that are necessary to comply with these special conditions shall be implemented.
- d. Within six (6) years of the effective date of the Exception, any structural controls identified in the ASBS Compliance Plan that are necessary to comply with these special conditions shall be operational.
- e. Within six (6) years of the effective date of the Exception, all dischargers must comply with the requirement that their discharges into the affected ASBS maintain natural ocean water quality. If the initial results of post-storm receiving water quality testing indicate levels higher than the 85<sup>th</sup> percentile threshold of reference water quality data and the pre-storm receiving water levels, then the discharger must re-sample the receiving water, pre- and post-storm. If after re-sampling the post-storm levels are still higher than the 85<sup>th</sup> percentile threshold of reference water quality data, and the pre-storm receiving water levels, for any constituent, then natural ocean water quality is exceeded. See attached Flowchart.
- f. The Executive Director of the State Water Board (statewide permits) or Executive Officer of the Regional Water Board (Regional Water Board permits) may only authorize additional time to comply with the special conditions d. and e., above if good cause exists to do so. Good cause means a physical impossibility or lack of funding.

If a discharger claims physical impossibility, it shall notify the Board in writing within thirty (30) days of the date that the discharger first knew of the event or circumstance that caused or would cause it to fail to meet the deadline in d. or e. The notice shall describe



the reason for the noncompliance or anticipated noncompliance and specifically refer to this Section of this Exception. It shall describe the anticipated length of time the delay in compliance may persist, the cause or causes of the delay as well as measures to minimize the impact of the delay on water quality, the measures taken or to be taken by the discharger to prevent or minimize the delay, the schedule by which the measures will be implemented, and the anticipated date of compliance. The discharger shall adopt all reasonable measures to avoid and minimize such delays and their impact on water quality.

The discharger may request an extension of time for compliance based on lack of funding. The request for an extension shall require:

1. for municipalities, a demonstration of significant hardship to discharger ratepayers, by showing the relationship of storm water fees to annual household income for residents within the discharger's jurisdictional area, and the discharger has made timely and complete applications for all available bond and grant funding, and either no bond or grant funding is available, or bond and/or grant funding is inadequate; or
2. for other governmental agencies, a demonstration and documentation of a good faith effort to acquire funding through that agency's budgetary process, and a demonstration that funding was unavailable or inadequate.

## **B. NONPOINT SOURCE DISCHARGES**

### 1. General Provisions for Nonpoint Sources

- a. Existing nonpoint source waste discharges are allowed into an ASBS only under the following conditions:
  - (1) The discharges are authorized under waste discharge requirements, a conditional waiver of waste discharge requirements, or a conditional prohibition issued by the State Water Board or a Regional Water Board.
  - (2) The discharges are in compliance with the applicable terms, prohibitions, and special conditions contained in these Special Protections.
  - (3) The discharges:
    - (i) Are essential for flood control or slope stability, including roof, landscape, road, and parking lot drainage;
    - (ii) Are designed to prevent soil erosion;
    - (iii) Occur only during wet weather;
    - (iv) Are composed of only storm water runoff.
- b. Discharges composed of storm water runoff shall not alter natural ocean water quality in an ASBS.

- c. The discharge of trash is prohibited.
- d. Only existing nonpoint source waste discharges are allowed. "Existing nonpoint source waste discharges" are discharges that were ongoing prior to January 1, 2005. "New nonpoint source discharges" are defined as those that commenced on or after January 1, 2005. A change to an existing nonpoint source discharge, in terms of relocation or alteration, in order to comply with these special conditions, is allowed and does not constitute a new discharge.
- e. Non-storm water discharges from nonpoint sources (those not subject to an NPDES Permit) are prohibited except as provided below:
  - (1) The term "non-storm water discharges" means any waste discharges that are not composed entirely of storm water.
  - (2) The following non-storm water discharges are allowed, provided that the discharges are essential for emergency response purposes, structural stability, slope stability, or occur naturally:
    - (i) Discharges associated with emergency fire fighting operations.
    - (ii) Foundation and footing drains.
    - (iii) Water from crawl space or basement pumps.
    - (iv) Hillside dewatering.
    - (v) Naturally occurring groundwater seepage via a storm drain.
    - (vi) Non-anthropogenic flows from a naturally occurring stream via a culvert or storm drain, as long as there are no contributions of anthropogenic runoff.
  - (3) Authorized non-storm water discharges shall not cause or contribute to a violation of the water quality objectives in Chapter II of the Ocean Plan nor alter natural ocean water quality in an ASBS.
- f. At the San Clemente Island ASBS, discharges incidental to military training and research, development, test, and evaluation operations are allowed. Discharges incidental to underwater demolition and other in-water explosions are not allowed in the two military closure areas in the vicinity of Wilson Cove and Castle Rock. Discharges must not result in a violation of the water quality objectives, including the protection of the marine aquatic life beneficial use, anywhere in the ASBS.
- g. At the San Nicolas Island and Begg Rock ASBS, discharges incidental to military research, development, testing, and evaluation of, and training with, guided missile and other weapons systems, fleet training exercises, small-scale amphibious warfare training, and special warfare training are allowed. Discharges incidental to underwater demolition and other in-water explosions are not allowed. Discharges must not result in a violation of the water quality objectives, including the protection of the marine aquatic life beneficial use, anywhere in the ASBS.

h. All other nonpoint source discharges not specifically authorized above are prohibited.

## 2. Planning and Reporting

a. The nonpoint source discharger shall develop an ASBS Pollution Prevention Plan, including an implementation schedule, to address storm water runoff and any other nonpoint source discharges from its facilities. The ASBS Pollution Prevention Plan must be equivalent in contents to an ASBS Compliance Plan as described in I (A)(2) in this document. The ASBS Pollution Prevention Plan is subject to approval by the Executive Director of the State Water Board (statewide waivers or waste discharge requirements) or Executive Officer of the Regional Water Board (Regional Water Board waivers or waste discharge requirements).

b. The ASBS Pollution Prevention Plan shall address storm water discharges (wet weather flows) and, in particular, describe how pollutant reductions in storm water runoff that are necessary to comply with these special conditions, will be achieved through Management Measures and associated Management Practices (Management Measures/Practices). Structural BMPs need not be installed if the discharger can document to the satisfaction of the State Water Board Executive Director or Regional Water Board Executive Officer that such installation would pose a threat to health or safety. Management Measures to control storm water runoff during a design storm shall achieve on average the following target levels:

(1) Table B Instantaneous Maximum Water Quality Objectives in Chapter II of the Ocean Plan; or

(2) A 90% reduction in pollutant loading during storm events, for the applicant's total discharges.

The baseline for these determinations is the effective date of the Exception, except for those structural BMPs installed between January 1, 2005 and adoption of these Special Protections, and the reductions must be achieved and documented within four (4) years of the effective date.

c. If the results of the receiving water monitoring described in IV.B. of these special conditions indicate that the storm water runoff or other nonpoint source pollution is causing or contributing to an alteration of natural ocean water quality in the ASBS, the discharger shall submit a report to the State Water Board and the Regional Water Board within 30 days of receiving the results.

(1) The report shall identify the constituents that alter natural water quality and the sources of these constituents.

(2) The report shall describe Management Measures/Practices that are currently being implemented, Management Measures/Practices that are identified in the ASBS Pollution Prevention Plan for future implementation, and any additional Management Measures/Practices that may be added to the Pollution Prevention Plan to address the alteration of natural water quality. The report shall include a new or modified implementation schedule for the Management Measures/Practices.

- (3) Within 30 days of the approval of the report by the State Water Board Executive Director (statewide waivers or waste discharge requirements) or Executive Officer of the Regional Water Board (Regional Water Board waivers or waste discharge requirements), the discharger shall revise its ASBS Pollution Prevention Plan to incorporate any new or modified Management Measures/Practices that have been or will be implemented, the implementation schedule, and any additional monitoring required.
- (4) As long as the discharger has complied with the procedures described above and is implementing the revised ASBS Pollution Prevention Plan, the discharger does not have to repeat the same procedure for continuing or recurring exceedances of natural water quality conditions due to the same constituent.
- (5) The requirements of this section are in addition to the terms, prohibitions, and conditions contained in these Special Protections.

### 3. Compliance Schedule

- a. On the effective date of the Exception, all non-authorized non-storm water discharges (e.g., dry weather flow) are effectively prohibited.
- b. Within eighteen (18) months from the effective date of the Exception, the dischargers shall submit a draft written ASBS Pollution Prevention Plan to the State Water Board Executive Director (statewide waivers or waste discharge requirements) or Executive Officer of the Regional Water Board (Regional Water Board waivers or waste discharge requirements) that describes its strategy to comply with these special conditions, including the requirement to maintain natural ocean water quality in the affected ASBS. The Pollution Prevention Plan shall include a description of appropriate non-structural controls and a time schedule to implement structural controls to comply with these special conditions for inclusion in the discharger's Pollution Prevention Plan. The final ASBS Pollution Prevention Plan, including a description and final schedule for structural controls based on the results of runoff and receiving water monitoring, must be submitted within thirty (30) months from the effective date of the Exception.
- c. Within 18 months of the effective date of the Exception, any non-structural controls that are necessary to comply with these Special Protections shall be implemented.
- d. Within six (6) years of the effective date of the Exception, any structural controls identified in the ASBS Pollution Prevention Plan that are necessary to comply with these special conditions shall be operational.
- e. Within six (6) years of the effective date of the Exception, all dischargers must comply with the requirement that their discharges into the affected ASBS maintain natural ocean water quality. If the initial results of post-storm receiving water quality testing indicate levels higher than the 85<sup>th</sup> percentile threshold of reference water quality data and the pre-storm receiving water levels, then the discharger must re-sample the receiving water pre- and post-storm. If after re-sampling the post-storm levels are still higher than the 85<sup>th</sup> percentile threshold of reference water quality data and the pre-storm receiving water levels, for any constituent, then natural ocean water quality is exceeded. See attached Flowchart.

- f. The Executive Director of the State Water Board (statewide waivers or waste discharge requirements) or Executive Officer of the Regional Water Board (Regional Water Board waivers or waste discharge requirements) may only authorize additional time to comply with the special conditions d. and e., above if good cause exists to do so. Good cause means a physical impossibility or lack of funding.

If a discharger claims physical impossibility, it shall notify the Board in writing within thirty (30) days of the date that the discharger first knew of the event or circumstance that caused or would cause it to fail to meet the deadline in d. or e. The notice shall describe the reason for the noncompliance or anticipated noncompliance and specifically refer to this Section of this Exception. It shall describe the anticipated length of time the delay in compliance may persist, the cause or causes of the delay as well as measures to minimize the impact of the delay on water quality, the measures taken or to be taken by the discharger to prevent or minimize the delay, the schedule by which the measures will be implemented, and the anticipated date of compliance. The discharger shall adopt all reasonable measures to avoid and minimize such delays and their impact on water quality.

The discharger may request an extension of time for compliance based on lack of funding. The request for an extension shall require:

1. a demonstration that the discharger has made timely and complete applications for all available bond and grant funding, and either no bond or grant funding is available, or bond and/or grant funding is inadequate; or
2. for governmental agencies, a demonstration and documentation of a good faith effort to acquire funding through that agency's budgetary process, and a demonstration that funding was unavailable or inadequate.

## II. ADDITIONAL REQUIREMENTS FOR PARKS AND RECREATION FACILITIES

In addition to the provisions in Section I (A) or I (B), respectively, a discharger with parks and recreation facilities shall comply with the following:

- A. The discharger shall include a section in an ASBS Compliance Plan (for NPDES dischargers) or an ASBS Pollution Prevention Plan (for nonpoint source dischargers) to address storm water runoff from parks and recreation facilities.
1. The plan shall identify all pollutant sources, including sediment sources, which may result in waste entering storm water runoff. Pollutant sources include, but are not limited to, roadside rest areas and vistas, picnic areas, campgrounds, trash receptacles, maintenance facilities, park personnel housing, portable toilets, leach fields, fuel tanks, roads, piers, and boat launch facilities.
  2. The plan shall describe BMPs or Management Measures/Practices that will be implemented to control soil erosion (both temporary and permanent erosion controls) and reduce or eliminate pollutants in storm water runoff in order to achieve and maintain natural water quality conditions in the affected ASBS. The plan shall include BMPs or

Management Measures/Practices to ensure that trails and culverts are maintained to prevent erosion and minimize waste discharges to ASBS.

3. The plan shall include BMPs or Management Measures/Practices to prevent the discharge of pesticides or other chemicals, including agricultural chemicals, in storm water runoff to the affected ASBS.
  4. The plan shall include BMPs or Management Measures/Practices that address public education and outreach. The goal of these BMPs or Management Measures/Practices is to ensure that the public is adequately informed that waste discharges to the affected ASBS are prohibited or limited by special conditions in these Special Protections. The BMPs or Management Measures/Practices shall include signage at camping, picnicking, beach and roadside parking areas, and visitor centers, or other appropriate measures, which notify the public of any applicable requirements of these Special Protections and identify the ASBS boundaries.
  5. The plan shall include BMPs or Management Measures/Practices that address the prohibition against the discharge of trash to ASBS. The BMPs or Management Measures/Practices shall include measures to ensure that adequate trash receptacles are available for public use at visitor facilities, including parking areas, and that the receptacles are adequately maintained to prevent trash discharges into the ASBS. Appropriate measures include covering trash receptacles to prevent trash from being wind blown and periodically emptying the receptacles to prevent overflows.
  6. The plan shall include BMPs or Management Measures/Practices to address runoff from parking areas and other developed features to ensure that the runoff does not alter natural water quality in the affected ASBS. BMPs or Management Measures/Practices shall include measures to reduce pollutant loading in runoff to the ASBS through installation of natural area buffers (LID), treatment, or other appropriate measures.
- B. Maintenance and repair of park and recreation facilities must not result in waste discharges to the ASBS. The practice of road oiling must be minimized or eliminated, and must not result in waste discharges to the ASBS.

### III. ADDITIONAL REQUIREMENTS – WATERFRONT AND MARINE OPERATIONS

In addition to the provisions in Section I (A) or I (B), respectively, a discharger with waterfront and marine operations shall comply with the following:

- A. For discharges related to waterfront and marine operations, the discharger shall develop a Waterfront and Marine Operations Management Plan (Waterfront Plan). This plan shall contain appropriate Management Measures/Practices to address nonpoint source pollutant discharges to the affected ASBS.
  1. The Waterfront Plan shall contain appropriate Management Measures/Practices for any waste discharges associated with the operation and maintenance of vessels, moorings, piers, launch ramps, and cleaning stations in order to ensure that beneficial uses are protected and natural water quality is maintained in the affected ASBS.

2. For discharges from marinas and recreational boating activities, the Waterfront Plan shall include appropriate Management Measures, described in The Plan for California's Nonpoint Source Pollution Control Program, for marinas and recreational boating, or equivalent practices, to ensure that nonpoint source pollutant discharges do not alter natural water quality in the affected ASBS.
  3. The Waterfront Plan shall include Management Practices to address public education and outreach to ensure that the public is adequately informed that waste discharges to the affected ASBS are prohibited or limited by special conditions in these Special Protections. The management practices shall include appropriate signage, or similar measures, to inform the public of the ASBS restrictions and to identify the ASBS boundaries.
  4. The Waterfront Plan shall include Management Practices to address the prohibition against trash discharges to ASBS. The Management Practices shall include the provision of adequate trash receptacles for marine recreation areas, including parking areas, launch ramps, and docks. The plan shall also include appropriate Management Practices to ensure that the receptacles are adequately maintained and secured in order to prevent trash discharges into the ASBS. Appropriate Management Practices include covering the trash receptacles to prevent trash from being windblown, staking or securing the trash receptacles so they don't tip over, and periodically emptying the receptacles to prevent overflow.
  5. The discharger shall submit its Waterfront Plan to the by the State Water Board Executive Director (statewide waivers or waste discharge requirements) or Executive Officer of the Regional Water Board (Regional Water Board waivers or waste discharge requirements) within six months of the effective date of these special conditions. The Waterfront Plan is subject to approval by the State Water Board Executive Director or the Regional Water Board Executive Officer, as appropriate. The plan must be fully implemented within 18 months of the effective date of the Exception.
- B. The discharge of chlorine, soaps, petroleum, other chemical contaminants, trash, fish offal, or human sewage to ASBS is prohibited. Sinks and fish cleaning stations are point source discharges of wastes and are prohibited from discharging into ASBS. Anthropogenic accumulations of discarded fouling organisms on the sea floor must be minimized.
- C. Limited-term activities, such as the repair, renovation, or maintenance of waterfront facilities, including, but not limited to, piers, docks, moorings, and breakwaters, are authorized only in accordance with Chapter III.E.2 of the Ocean Plan.
- D. If the discharger anticipates that the discharger will fail to fully implement the approved Waterfront Plan within the 18 month deadline, the discharger shall submit a technical report as soon as practicable to the State Water Board Executive Director or the Regional Water Board Executive Officer, as appropriate. The technical report shall contain reasons for failing to meet the deadline and propose a revised schedule to fully implement the plan.
- E. The State Water Board or the Regional Water Board may, for good cause, authorize additional time to comply with the Waterfront Plan. Good cause means a physical impossibility or lack of funding.

If a discharger claims physical impossibility, it shall notify the Board in writing within thirty (30) days of the date that the discharger first knew of the event or circumstance that caused or would cause it to fail to meet the deadline in Section III.A.5. The notice shall describe the reason for the noncompliance or anticipated noncompliance and specifically refer to this Section of this Exception. It shall describe the anticipated length of time the delay in compliance may persist, the cause or causes of the delay as well as measures to minimize the impact of the delay on water quality, the measures taken or to be taken by the discharger to prevent or minimize the delay, the schedule by which the measures will be implemented, and the anticipated date of compliance. The discharger shall adopt all reasonable measures to avoid and minimize such delays and their impact on water quality. The discharger may request an extension of time for compliance based on lack of funding. The request for an extension shall require:

1. a demonstration of significant hardship by showing that the discharger has made timely and complete applications for all available bond and grant funding, and either no bond or grant funding is available, or bond and/or grant funding is inadequate.
2. for governmental agencies, a demonstration and documentation of a good faith effort to acquire funding through that agency's budgetary process, and a demonstration that funding was unavailable or inadequate.

#### IV. MONITORING REQUIREMENTS

Monitoring is mandatory for all dischargers to assure compliance with the Ocean Plan. Monitoring requirements include both: (A) core discharge monitoring, and (B) ocean receiving water monitoring. The State and Regional Water Boards must approve sampling site locations and any adjustments to the monitoring programs. All ocean receiving water and reference area monitoring must be comparable with the Water Boards' Surface Water Ambient Monitoring Program (SWAMP).

Safety concerns: Sample locations and sampling periods must be determined considering safety issues. Sampling may be postponed upon notification to the State and Regional Water Boards if hazardous conditions prevail.

Analytical Chemistry Methods: All constituents must be analyzed using the lowest minimum detection limits comparable to the Ocean Plan water quality objectives. For metal analysis, all samples, including storm water effluent, reference samples, and ocean receiving water samples, must be analyzed by the approved analytical method with the lowest minimum detection limits (currently Inductively Coupled Plasma/Mass Spectrometry) described in the Ocean Plan.

##### **A. CORE DISCHARGE MONITORING PROGRAM**

1. General sampling requirements for timing and storm size:

Runoff must be collected during a storm event that is greater than 0.1 inch and generates runoff, and at least 72 hours from the previously measurable storm event. Runoff samples shall be collected during the same storm and at approximately the same time when post-



storm receiving water is sampled, and analyzed for the same constituents as receiving water and reference site samples (see section IV B) as described below.

2. Runoff flow measurements

- a. For municipal/industrial storm water outfalls in existence as of December 31, 2007, 18 inches (457mm) or greater in diameter/width (including multiple outfall pipes in combination having a width of 18 inches, runoff flows must be measured or calculated, using a method acceptable to and approved by the State and Regional Water Boards.
- b. This will be reported annually for each precipitation season to the State and Regional Water Boards.

3. Runoff samples – storm events

- a. For outfalls equal to or greater than 18 inches (0.46m) in diameter or width:
  - (1) samples of storm water runoff shall be collected during the same storm as receiving water samples and analyzed for oil and grease, total suspended solids, and, within the range of the southern sea otter indicator bacteria or some other measure of fecal contamination; and
  - (2) samples of storm water runoff shall be collected and analyzed for critical life stage chronic toxicity (one invertebrate or algal species) at least once during each storm season when receiving water is sampled in the ASBS.
  - (3) If an applicant has no outfall greater than 36 inches, then storm water runoff from the applicant's largest outfall shall be further collected during the same storm as receiving water samples and analyzed for Ocean Plan Table B metals for protection of marine life, Ocean Plan polynuclear aromatic hydrocarbons (PAHs), current use pesticides (pyrethroids and OP pesticides), and nutrients (ammonia, nitrate and phosphates).
- b. For outfalls equal to or greater than 36 inches (0.91m) in diameter or width:
  - (1) samples of storm water runoff shall be collected during the same storm as receiving water samples and analyzed for oil and grease, total suspended solids, and, within the range of the southern sea otter indicator bacteria or some other measure of fecal contamination; and
  - (2) samples of storm water runoff shall be further collected during the same storm as receiving water samples and analyzed for Ocean Plan Table B metals for protection of marine life, Ocean Plan polynuclear aromatic hydrocarbons (PAHs), current use pesticides (pyrethroids and OP pesticides), and nutrients (ammonia, nitrate and phosphates); and
  - (3) samples of storm water runoff shall be collected and analyzed for critical life stage chronic toxicity (one invertebrate or algal species) at least once during each storm season when receiving water is sampled in the ASBS.

- b. For an applicant not participating in a regional monitoring program [see below in Section IV (B)] in addition to (a.) and (b.) above, a minimum of the two largest outfalls or 20 percent of the larger outfalls, whichever is greater, shall be sampled (flow weighted composite samples) at least three times annually during wet weather (storm event) and analyzed for all Ocean Plan Table A constituents, Table B constituents for marine aquatic life protection (except for toxicity, only chronic toxicity for three species shall be required), DDT, PCBs, Ocean Plan PAHs, OP pesticides, pyrethroids, nitrates, phosphates, and Ocean Plan indicator bacteria. For parties discharging to ASBS in more than one Regional Water Board region, at a minimum, one (the largest) such discharge shall be sampled annually in each Region.
4. The Executive Director of the State Water Board (statewide permits) or Executive Officer of the Regional Water Board (Regional Water Board permits) may reduce or suspend core monitoring once the storm runoff is fully characterized. This determination may be made at any point after the discharge is fully characterized, but is best made after the monitoring results from the first permit cycle are assessed.

### **B. Ocean Receiving Water and Reference Area Monitoring Program**

In addition to performing the Core Discharge Monitoring Program in Section II.A above, all applicants having authorized discharges must perform ocean receiving water monitoring. In order to fulfill the requirements for monitoring the physical, chemical, and biological characteristics of the ocean receiving waters within their ASBS, dischargers may choose either (1) an individual monitoring program, or (2) participation in a regional integrated monitoring program.

1. Individual Monitoring Program: The requirements listed below are for those dischargers who elect to perform an individual monitoring program to fulfill the requirements for monitoring the physical, chemical, and biological characteristics of the ocean receiving waters within the affected ASBS. In addition to Core Discharge Monitoring, the following additional monitoring requirements shall be met:
  - a. Three times annually, during wet weather (storm events), the receiving water at the point of discharge from the outfalls described in section (IV)(A)(3)(c) above shall be sampled and analyzed for Ocean Plan Table A constituents, Table B constituents for marine aquatic life, DDT, PCBs, Ocean Plan PAHs, OP pesticides, pyrethroids, nitrates, phosphates, salinity, chronic toxicity (three species), and Ocean Plan indicator bacteria.

The sample location for the ocean receiving water shall be in the surf zone at the point of discharges; this must be at the same location where storm water runoff is sampled. Receiving water shall be sampled prior to (pre-storm) and during (or immediately after) the same storm (post storm). Post storm sampling shall be during the same storm and at approximately the same time as when the runoff is sampled. Reference water quality shall also be sampled three times annually and analyzed for the same constituents pre-storm and post-storm, during the same storm seasons when receiving water is sampled. Reference stations will be determined by the State Water Board's Division of Water Quality and the applicable Regional Water Board(s).

- b. Sediment sampling shall occur at least three times during every five (5) year period. The subtidal sediment (sand or finer, if present) at the discharge shall be sampled and analyzed for Ocean Plan Table B constituents for marine aquatic life, DDT, PCBs, PAHs,

- pyrethroids, and OP pesticides. For sediment toxicity testing, only an acute toxicity test using the amphipod *Eohaustorius estuarius* must be performed.
- c. A quantitative survey of intertidal benthic marine life shall be performed at the discharge and at a reference site. The survey shall be performed at least once every five (5) year period. The survey design is subject to approval by the Regional Water Board and the State Water Board's Division of Water Quality. The results of the survey shall be completed and submitted to the State Water Board and Regional Water Board at least six months prior to the end of the permit cycle.
  - d. Once during each five (5) year period, a bioaccumulation study shall be conducted to determine the concentrations of metals and synthetic organic pollutants at representative discharge sites and at representative reference sites. The study design is subject to approval by the Regional Water Board and the State Water Board's Division of Water Quality. The bioaccumulation study may include California mussels (*Mytilus californianus*) and/or sand crabs (*Emerita analoga* or *Blepharipoda occidentalis*). Based on the study results, the Regional Water Board and the State Water Board's Division of Water Quality, may adjust the study design in subsequent permits, or add or modify additional test organisms (such as shore crabs or fish), or modify the study design appropriate for the area and best available sensitive measures of contaminant exposure.
  - e. Marine Debris: Representative quantitative observations for trash by type and source shall be performed along the coast of the ASBS within the influence of the discharger's outfalls. The design, including locations and frequency, of the marine debris observations is subject to approval by the Regional Water Board and State Water Board's Division of Water Quality.
  - f. The monitoring requirements of the Individual Monitoring Program in this section are minimum requirements. After a minimum of one (1) year of continuous water quality monitoring of the discharges and ocean receiving waters, the Executive Director of the State Water Board (statewide permits) or Executive Officer of the Regional Water Board (Regional Water Board permits) may require additional monitoring, or adjust, reduce or suspend receiving water and reference station monitoring. This determination may be made at any point after the discharge and receiving water is fully characterized, but is best made after the monitoring results from the first permit cycle are assessed.
2. Regional Integrated Monitoring Program: Dischargers may elect to participate in a regional integrated monitoring program, in lieu of an individual monitoring program, to fulfill the requirements for monitoring the physical, chemical, and biological characteristics of the ocean receiving waters within their ASBS. This regional approach shall characterize natural water quality, pre- and post-storm, in ocean reference areas near the mouths of identified open space watersheds and the effects of the discharges on natural water quality (physical, chemical, and toxicity) in the ASBS receiving waters, and should include benthic marine aquatic life and bioaccumulation components. The design of the ASBS stratum of a regional integrated monitoring program may deviate from the otherwise prescribed individual monitoring approach (in Section IV.B.1) if approved by the State Water Board's Division of Water Quality and the Regional Water Boards.
    - a. Ocean reference areas shall be located at the drainages of flowing watersheds with minimal development (in no instance more than 10% development), and shall not be located in CWA Section 303(d) listed waterbodies or have tributaries that are 303(d)

listed. Reference areas shall be free of wastewater discharges and anthropogenic non-storm water runoff. A minimum of low threat storm runoff discharges (e.g. stream highway overpasses and campgrounds) may be allowed on a case-by-case basis. Reference areas shall be located in the same region as the ASBS receiving water monitoring occurs. The reference areas for each Region are subject to approval by the participants in the regional monitoring program and the State Water Board's Division of Water Quality and the applicable Regional Water Board(s). A minimum of three ocean reference water samples must be collected from each station, each from a separate storm during the same storm season that receiving water is sampled. A minimum of one reference location shall be sampled for each ASBS receiving water site sampled per responsible party. For parties discharging to ASBS in more than one Regional Water Board region, at a minimum, one reference station and one receiving water station shall be sampled in each region.

- b. ASBS ocean receiving water must be sampled in the surf zone at the location where the runoff makes contact with ocean water (i.e. at "point zero"). Ocean receiving water stations must be representative of worst-case discharge conditions (i.e. co-located at a large drain greater than 36 inches, or if drains greater than 36 inches are not present in the ASBS then the largest drain greater than 18 inches.) Ocean receiving water stations are subject to approval by the participants in the regional monitoring program and the State Water Board's Division of Water Quality and the applicable Regional Water Board(s). A minimum of three ocean receiving water samples must be collected during each storm season from each station, each from a separate storm. A minimum of one receiving water location shall be sampled in each ASBS per responsible party in that ASBS. For parties discharging to ASBS in more than one Regional Water Board region, at a minimum, one reference station and one receiving water station shall be sampled in each region.
  - c. Reference and receiving water sampling shall commence during the first full storm season following the adoption of these special conditions, and post-storm samples shall be collected during the same storm event when storm water runoff is sampled. Sampling shall occur in a minimum of two storm seasons. For those ASBS dischargers that have already participated in the Southern California Bight 2008 ASBS regional monitoring effort, sampling may be limited to only one storm season.
  - d. Receiving water and reference samples shall be analyzed for the same constituents as storm water runoff samples. At a minimum, constituents to be sampled and analyzed in reference and discharge receiving waters must include oil and grease, total suspended solids, Ocean Plan Table B metals for protection of marine life, Ocean Plan PAHs, pyrethroids, OP pesticides, ammonia, nitrate, phosphates, and critical life stage chronic toxicity for three species. In addition, within the range of the southern sea otter, indicator bacteria or some other measure of fecal contamination shall be analyzed.
3. Waterfront and Marine Operations: In addition to the above requirements for ocean receiving water monitoring, additional monitoring must be performed for marinas and boat launch and pier facilities:
- a. For all marina or mooring field operators, in mooring fields with 10 or more occupied moorings, the ocean receiving water must be sampled for Ocean Plan indicator bacteria, residual chlorine, copper, zinc, grease and oil, methylene blue active substances (MBAS), and ammonia nitrogen.

- (1) For mooring field operators opting for an individual monitoring program (Section IV.B.1 above), this sampling must occur weekly (on the weekend) from May through October.
  - (2) For mooring field operators opting to participate in a regional integrated monitoring program (Section IV.B.2 above), this sampling must occur monthly from May through October on a high use weekend in each month. The Water Boards may allow a reduction in the frequency of sampling, through the regional monitoring program, after the first year of monitoring.
- b. For all mooring field operators, the subtidal sediment (sand or finer, if present) within mooring fields and below piers shall be sampled and analyzed for Ocean Plan Table B metals (for marine aquatic life beneficial use), acute toxicity, PAHs, and tributyltin. For sediment toxicity testing, only an acute toxicity test using the amphipod *Eohaustorius estuarius* must be performed. This sampling shall occur at least three times during a five (5) year period. For mooring field operators opting to participate in a regional integrated monitoring program, the Water Boards may allow a reduction in the frequency of sampling after the first sampling effort's results are assessed.

**Glossary**

At the point of discharge(s) – Means in the surf zone immediately where runoff from an outfall meets the ocean water (a.k.a., at point zero).

Areas of Special Biological Significance (ASBS) – Those areas designated by the State Water Board as ocean areas requiring protection of species or biological communities to the extent that alteration of natural water quality is undesirable. All Areas of Special Biological Significance are also classified as a subset of State Water Quality Protection Areas.

Design storm – For purposes of these Special Protections, a design storm is defined as the volume of runoff produced from one inch of precipitation per day or, if this definition is inconsistent with the discharger's applicable storm water permit, then the design storm shall be the definition included in the discharger's applicable storm water permit.

Development – Relevant to reference monitoring sites, means urban, industrial, agricultural, grazing, mining, and timber harvesting land uses.

Higher threat discharges - Permitted storm drains discharging equal to or greater than 18 inches, industrial storm drains, agricultural runoff discharged through an MS4, discharges associated with waterfront and marina operations (e.g., piers, launch ramps, mooring fields, and associated vessel support activities, except for passive discharges defined below), and direct discharges associated with commercial or industrial activities to ASBS.

Low Impact Development (LID) – A sustainable practice that benefits water supply and contributes to water quality protection. Unlike traditional storm water management, which entails collecting and conveying storm water runoff through storm drains, pipes, or other conveyances to a centralized storm water facility, LID focuses on using site design and storm water management to maintain the site's pre-development runoff rates and volumes. The goal of LID is to mimic a site's predevelopment hydrology by using design techniques that infiltrate, filter, store, evaporate, and detain runoff close to the source of rainfall.

Marine Operations – Marinas or mooring fields that contain slips or mooring locations for 10 or more vessels.

Management Measure (MM) - Economically achievable measures for the control of the addition of pollutants from various classes of nonpoint sources of pollution, which reflect the greatest degree of pollutant reduction achievable through the application of the best available nonpoint pollution control practices, technologies, processes, siting criteria, operating methods, or other alternatives. For example, in the "marinas and recreational boating" land-use category specified in the Plan for California's Nonpoint Source Pollution Control Program (NPS Program Plan) (SWRCB, 1999), "boat cleaning and maintenance" is considered a MM or the source of a specific class or type of NPS pollution.

Management Practice (MP) - The practices (e.g., structural, non-structural, operational, or other alternatives) that can be used either individually or in combination to address a specific MM class or classes of NPS pollution. For example, for the "boat cleaning and maintenance" MM, specific MPs can include, but are not limited to, methods for the selection of environmentally sensitive hull paints or methods for cleaning/removal of hull copper anti-fouling paints.

**Municipal Separate Storm Sewer System (MS4)** – A municipally-owned storm sewer system regulated under the Phase I or Phase II storm water program implemented in compliance with Clean Water Act section 402(p). Note that an MS4 program’s boundaries are not necessarily congruent with the permittee’s political boundaries.

**Natural Ocean Water Quality** - The water quality (based on selected physical, chemical and biological characteristics) that is required to sustain marine ecosystems, and which is without apparent human influence, *i.e.*, an absence of significant amounts of: (a) man-made constituents (*e.g.*, DDT); (b) other chemical (*e.g.*, trace metals), physical (temperature/thermal pollution, sediment burial), and biological (*e.g.*, bacteria) constituents at concentrations that have been elevated due to man’s activities above those resulting from the naturally occurring processes that affect the area in question; and (c) non-indigenous biota (*e.g.*, invasive algal bloom species) that have been introduced either deliberately or accidentally by man. Discharges “*shall not alter natural ocean water quality*” as determined by a comparison to the range of constituent concentrations in reference areas agreed upon via the regional monitoring program(s). If monitoring information indicates that *natural ocean water quality* is not maintained, but there is sufficient evidence that a discharge is not contributing to the alteration of natural water quality, then the Regional Water Board may make that determination. In this case, sufficient information must include runoff sample data that has equal or lower concentrations for the range of constituents at the applicable reference area(s).

**Nonpoint source** – Nonpoint pollution sources generally are sources that do not meet the definition of a point source. Nonpoint source pollution typically results from land runoff, precipitation, atmospheric deposition, agricultural drainage, marine/boating operations or hydrologic modification. Nonpoint sources, for purposes of these Special Protections, include discharges that are not required to be regulated under an NPDES permit.

**Non-storm water discharge** – Any runoff that is not the result of a precipitation event. This is often referred to as “dry weather flow.”

**Non-structural control** – A Best Management Practice that involves operational, maintenance, regulatory (*e.g.*, ordinances) or educational activities designed to reduce or eliminate pollutants in runoff, and that are not structural controls (*i.e.* there are no physical structures involved).

**Physical impossibility** - Means any act of God, war, fire, earthquake, windstorm, flood or natural catastrophe; unexpected and unintended accidents not caused by discharger or its employees’ negligence; civil disturbance, vandalism, sabotage or terrorism; restraint by court order or public authority or agency; or action or non-action by, or inability to obtain the necessary authorizations or approvals from any governmental agency other than the permittee.

**Representative sites and monitoring procedures** – Are to be proposed by the discharger, with appropriate rationale, and subject to approval by Water Board staff.

**Sheet-flow** – Runoff that flows across land surfaces at a shallow depth relative to the cross-sectional width of the flow. These types of flow may or may not enter a storm drain system before discharge to receiving waters.

Storm Season – Also referred to as rainy season, means the months of the year from the onset of rainfall during autumn until the cessation of rainfall in the spring.

Structural control – A Best Management Practice that involves the installation of engineering solutions to the physical treatment or infiltration of runoff.

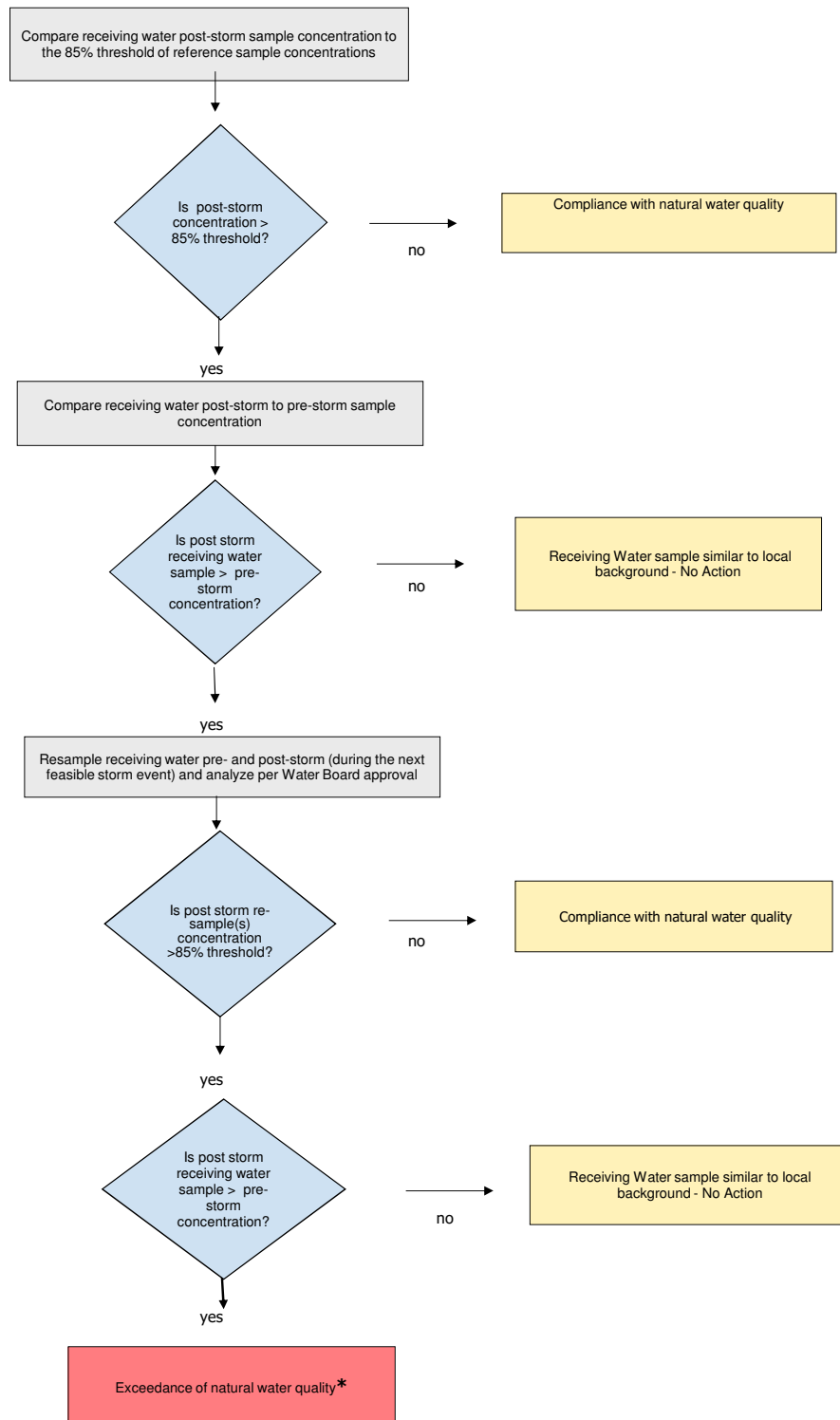
Surf Zone - The surf zone is defined as the submerged area between the breaking waves and the shoreline at any one time.

Surface Water Ambient Monitoring Program (SWAMP) comparable – Means that the monitoring program must 1) meet or exceed 2008 SWAMP Quality Assurance Program Management Plan (QAPP) Measurement Quality Objectives, or 2) have a Quality Assurance Project Plan that has been approved by SWAMP; in addition data must be formatted to match the database requirements of the SWAMP Information Management System. Adherence to the measurement quality objectives in the Southern California Bight 2008 ASBS Regional Monitoring Program QAPP and data base management comprises being SWAMP comparable.

Waterfront Operations - Piers, launch ramps, and cleaning stations in the water or on the adjacent shoreline.



**Attachment 1**  
**Special Protections Sections I(A)(3)(e) and I(B)(3)(e)**  
**Flowchart to Determine Compliance with Natural Water Quality**



**\* When an exceedance of natural water quality occurs, the discharger must comply with section I.A.2.h (for permitted storm water) or section I.B.2.c (for nonpoint sources). Note, when sampling data is available, end-of-pipe effluent concentrations will be considered by the Water Boards in making this determination.**

## **APPENDIX B**

# **2014 Malibu ASBS Special Protections Monitoring Final Report**

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# Los Angeles County Flood Control District and Los Angeles County Unincorporated Areas: Areas of Special Biological Significance Special Protections Monitoring

## 2012-2013 and 2013-2014 Seasons

### Final Monitoring Report

Los Angeles County Department of Public Works  
Watershed Management Division  
900 S. Fremont Ave.  
Alhambra, California 91803

November 2014



**Los Angeles County Flood Control District and  
Los Angeles County Unincorporated Areas: Areas of  
Special Biological Significance  
Special Protections Monitoring**

**2012-2013 and 2013-2014 Seasons**

**FINAL MONITORING REPORT**

**Prepared For:**

**Los Angeles County Department of Public Works  
Watershed Management Division  
900 S. Fremont Ave.  
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November 2014

**TABLE OF CONTENTS**

1.0	INTRODUCTION .....	1
1.1	Study Objectives .....	4
2.0	STUDY DESIGN.....	6
2.1	Core Discharge Monitoring .....	6
2.1.1	Sampling Locations.....	7
2.2	Ocean Receiving Water Monitoring .....	16
2.2.1	Sampling Locations.....	18
2.3	Sampling Methods .....	20
2.3.1	Water Collection .....	20
2.3.2	Field Water Quality.....	20
2.3.3	Sample Analyses - Water .....	20
2.3.4	Flow Monitoring Methods .....	22
2.3.5	Flow Modeling Methods.....	24
2.3.6	Pollutant Load Calculations .....	24
2.3.7	Sample Analyses- Toxicity .....	25
3.0	RESULTS .....	26
3.1	Core Discharge Monitoring .....	28
3.1.1	General Chemistry.....	32
3.1.2	Metals .....	32
3.1.3	Polynuclear Aromatic Hydrocarbons .....	35
3.1.4	Organophosphorus Pesticides .....	36
3.1.5	Synthetic Pyrethroids .....	36
3.1.6	Toxicity .....	37
3.2	Ocean Receiving Water .....	39
3.2.1	Field Water Quality.....	39
3.2.2	General Chemistry.....	41
3.2.3	Metals.....	41
3.2.4	Polynuclear Aromatic Hydrocarbons .....	45
3.2.5	Organophosphorus Pesticides .....	45
3.2.6	Synthetic Pyrethroids .....	46
3.2.7	Toxicity .....	47
3.3	Flow Modeling and Pollutant Load Calculations .....	49
3.4	Annual Load Estimates .....	60
3.5	Determination of Compliance with Natural Water Quality .....	60
4.0	SUMMARY AND DISCUSSION.....	63
4.1	Recommendations.....	68
5.0	LITERATURE CITED .....	69

**APPENDICES**

- Appendix A – Special Protections Document
- Appendix B – Monitoring Locations
- Appendix C – Chemistry Results
- Appendix D – Toxicity Results
- Appendix E – Modeled Flow Estimates

**LIST OF TABLES**

Table 2-1. Core Monitoring Program Stations, Outfall Dimensions, Ownership, and Required Analyses .....	7
Table 2-2. Ocean Receiving Water Monitoring Program Station Locations, Outfall Dimensions, Ownership, and Required Analyses.....	17
Table 2-3. List of Constituents Analyzed for the 2012–2013 and 2013-2014 Core Discharge and Ocean Receiving Water Sampling Programs.....	21
Table 3-1. Summary of Core Discharge and Ocean Receiving Water Sample Collection.....	26
Table 3-2. Summary of Core Discharge Results from Storm 1 Event and Comparison to the California Ocean Plan Instantaneous Maximum Criteria .....	29
Table 3-3. Summary of Core Discharge Results from Storm 2 Event and Comparison to the California Ocean Plan Instantaneous Maximum Criteria .....	30
Table 3-4. Summary of Core Discharge Results from Storm 3 Event and Comparison to the California Ocean Plan Instantaneous Maximum Criteria .....	31
Table 3-5. Summary of Core Discharge Toxicity Results.....	38
Table 3-6. Results Summary of Pre-Storm and Post-Storm Ocean Receiving Water Sampling.....	40
Table 3-7. Summary of Ocean Receiving Water Monitoring Toxicity Results for.....	48
Table 3-8. Flow Status of Outfalls during Sampling.....	49
Table 3-9. Estimated Flow Volumes for All Monitored Outfalls during Each Storm Event .....	50
Table 3-10. Calculated Load Estimates of Constituents Listed in Table B of California Ocean Plan for Outfalls Occurring Along Broad Beach.....	56
Table 3-11. Calculated Load Estimates of Constituents Listed in Table B of California Ocean Plan for Outfalls Occurring Along Zuma Beach.....	56
Table 3-12. Calculated Load Estimates of Constituents Listed in Table B of California Ocean Plan for Outfalls Occurring Along Westward Beach .....	58
Table 3-13. Calculated Load Estimates of Constituents Listed in Table B of California Ocean Plan for Outfalls Occurring Along Escondido Beach.....	58
Table 3-14. Estimates of Annual Loads from Monitored Outfalls along ASBS 24 .....	62
Table 4-1. Post-storm Ocean Receiving Water Concentrations that were above Pre-storm Concentrations and above 85 <sup>th</sup> Percentile Reference Threshold .....	64
Table 4-2. Storm 1 Comparison of Outfall and Ocean Receiving Water Concentrations .....	65
Table 4-3. Storm 2 Comparison of Outfall and Ocean Receiving Water Concentrations.....	66
Table 4-4. Storm 3 Comparison of Outfall and Ocean Receiving Water Concentrations.....	67

**LIST OF FIGURES**

Figure 1-1. Core, Ocean Receiving Water, and Reference Monitoring Locations along ASBS 24 in Malibu, CA .....	3
Figure 2-1. Broad Beach Sampling Locations .....	8
Figure 2-2. Core Discharge Locations along Broad Beach and Nicholas Beach, and Ocean Receiving Water Reference Monitoring Location at the Mouth of Arroyo Sequit Creek .....	9
Figure 2-3. Core Discharge Monitoring Locations along North Zuma Beach .....	11
Figure 2-4. Core Discharge and Ocean Receiving Water Monitoring Locations along South Zuma Beach and Westward Beach .....	13
Figure 2-5. Core Discharge and Ocean Receiving Water Monitoring Locations along Escondido Beach .....	15
Figure 2-6. ASBS-016 Outfall (A) and ASBS-SO1 Receiving Water (B) .....	18
Figure 2-7. ASBS-028 Outfall (A) and ASBS-SO2 Receiving Water (B) .....	18
Figure 3-1. Total Copper (A), Zinc (B), Chromium (C), and Nickel (D) Concentrations at Large Storm Drain Outfalls .....	33
Figure 3-2. Total Cadmium (E) and Lead (F) Concentrations at Large Storm Drain Outfalls .....	34
Figure 3-3. Total PAH Concentrations at Large Storm Drain Outfalls .....	35
Figure 3-4. Orthophosphorus Concentrations at Large Storm Drain Outfalls .....	36
Figure 3-5. Pyrethroid Concentrations at Large Storm Drain Outfalls .....	37
Figure 3-6. Total Copper (A), Zinc (B), Chromium (C), and Nickel (D) Concentrations in Ocean Receiving Water Samples .....	43
Figure 3-7. Total Arsenic (E), Cadmium (F), Lead (G) and Silver (H) Concentrations in Ocean Receiving Water Samples .....	44
Figure 3-8. Total PAH Concentrations in Ocean Receiving Water .....	45
Figure 3-9. Pyrethroid Concentrations in Ocean Receiving Water .....	47
Figure 3-10. Comparison of Manning Calc. and AV Calc. at Station ASBS-016 during Storms 1 (A), 2 (B), and 3 (C) .....	52
Figure 3-11. Comparison of Manning Calc. and AV Calc. at Station ASBS-028 during Storms 1 (A), 2 (B), and 3 (C) .....	53
Figure 3-12. TSS Loads from All Sites That Flowed to the Receiving Water .....	59

**LIST OF ACRONYMS**

ASBS	area of special biological significance
AV	areal velocity
BMPs	best management practices
COP	California Ocean Plan
County	Los Angeles County Unincorporated Areas
DO	dissolved oxygen
Dup	duplicate
EC <sub>25</sub>	effect concentration 25: concentration which causes an effect in 25% of test organisms
EC <sub>50</sub>	effect concentration 50: concentration which causes an effect in 50% of test organisms
Imax	Instantaneous Maximum concentration provided in California Ocean Plan
LACFCD	Los Angeles County Flood Control District
LC <sub>50</sub>	lethal concentration which kills 50% of bioassay test organisms
LOEC	lowest observable effect concentration
NOEC	no observable effect concentration
OP	organophosphorus
PAH	polynuclear aromatic hydrocarbons
Public Works	Los Angeles County Department of Public Works
SCCWRP	Southern California Coastal Water Research Project
State Board	State Water Resources Control Board
Storm 1	storm event of February 19, 2013
Storm 2	storm event of March 8, 2013
Storm 3	storm event of February 28, 2014
TSS	total suspended solids
TUc	toxic units chronic
USEPA	United States Environmental Protection Agency
WMMS	Watershed Management Modeling System
WQOs	water quality objectives



**LIST OF SYMBOLS AND MEASUREMENTS**

>	greater than
<	less than
%	percent
A	cross-sectional area
°C	degrees Celsius
cfs	cubic feet per second
ft	feet
g	gram
L	liter
mg	milligram
mS	microSiemens
n	Manning roughness coefficient
ng	nanogram
NTU	nephelometric units
P	wetted perimeter
ppt	Parts per thousand
Q	flow
R	hydraulic radius
s	second
S	hydraulic slope
µg	microgram
WMMS	Watershed Management Modeling System

## 1.0 INTRODUCTION

The Area of Special Biological Significance (ASBS) 24, also referred to as the Laguna Point to Latigo Point ASBS, was established in 1974 by the State Board to preserve sensitive marine habitat (State Board, 1976). The ASBS stretches 24 miles, contains 11,842 marine acres, and is the largest ASBS along the mainland of Southern California. Approximately 500 direct discharges and 31 natural streams drain to ASBS 24. The boundary of ASBS 24 extends out from the mean high tide line at Laguna Point in Ventura County to either 1000 ft from shore or to the 100-ft isobath (whichever is greater) in a southwesterly direction to Latigo Point in Malibu, Los Angeles County. Water depth within the conservation area ranges from 0 ft to approximately 100 ft and includes sloping sandy habitat, a rocky intertidal reef complex, and subtidal reef and kelp forest habitat. A wide range of sandy substrate, rocky reef, and coastal pelagic species can be found within the Laguna Point to Latigo Point ASBS.



Since 1983, the California Ocean Plan (COP) has prohibited the discharge of waste into ASBS along the California Coast, unless the State Water Resources Control Board (State Board) grants an exception to dischargers. The southern and central portions of ASBS 24 that are located in Los Angeles County are subject to direct discharges from roads, urban landscape runoff, homes, and small businesses. In general, the near coast storm water runoff along ASBS 24 within Los Angeles County is conveyed through storm drain systems before it is discharged at multiple locations along the beach. On December 30, 2004, the Los Angeles County Department of Public Works (Public Works) requested an exception for storm water discharges to ASBS 24 from the State Board on behalf of the County and the Los Angeles County Flood Control District (LACFCD). The State Board received applications from numerous other applicants for an exception to the Ocean Plan. In 2012 the State Board adopted a General Exception to the COP. As part of the General Exception, the State Board produced guidance for monitoring discharges to ASBS entitled *Attachment B - Special Protections for Areas of Special Biological Significance, Governing Point Source Discharges of Storm Water and Nonpoint Source Waste Discharges* (State Board, 2012) (Appendix A). The Special Protections document is intended to define the terms and conditions that limit storm water discharges to the ASBS for applicants along the California Coast (34 ASBSs have been designated throughout the state). Storm drain discharge pipes along the Malibu coastline fall under various jurisdictions including LACFCD, the Los Angeles County Unincorporated Areas (County), City of Malibu, and the California Department of Transportation (Caltrans).

There are 31 storm drain outfalls 18 inches in diameter or larger located in the County. The storm drain outfalls discharge storm water runoff that reaches ASBS 24; therefore, in accordance with the Special Protections document, described in more detail in Section 2, the outfalls under the jurisdiction of the County and LACFCD were identified for monitoring during the 2012-2013 and 2013-2014 storm seasons by Public Works. Public Works proposes to monitor 20 storm drains along ASBS 24, nine of which are operated by the LACFCD and 11 of which are operated

**Malibu ASBS Special Protections Monitoring –  
Final Report****November 2014**

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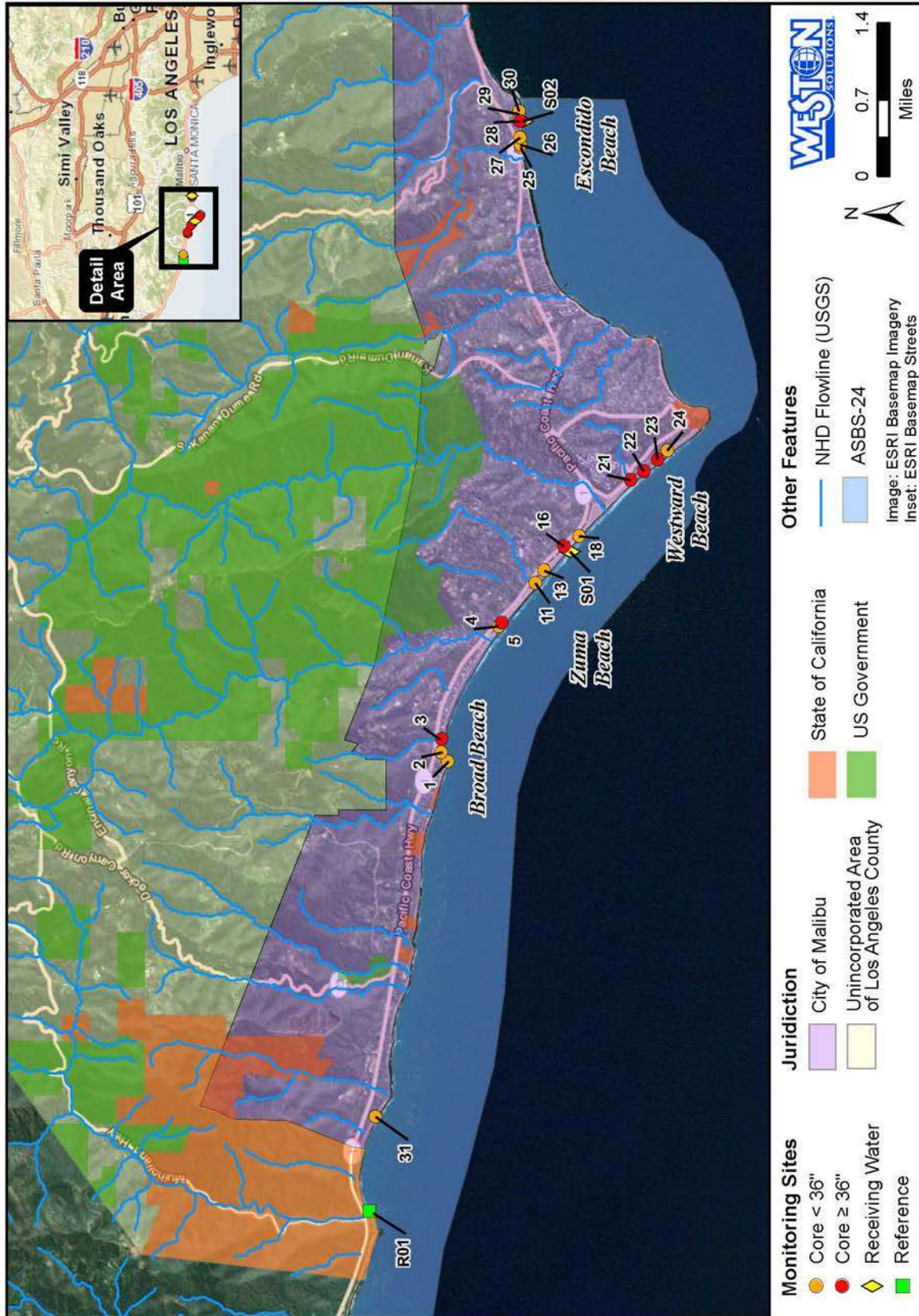
by the County. Additionally, Caltrans will monitor 11 storm drains located along Zuma Beach as a participant in the regional monitoring program. Figure 1-1 shows the ASBS 24 along the County shoreline and the identified outfalls.

As part of the exception process, Public Works participated in the Bight '08 and Bight '13 ASBS Planning Committee with the State Board, the Southern California Coastal Water Research Project (SCCWRP), and other General Exception applicants. Together, the Committee developed a Regional ASBS Work Plan as part of the Southern California Bight 2008 and Bight 2013 Regional Monitoring Surveys. The Regional ASBS Work Plan is based on the Special Protections document and is intended to provide compliance guidance for the majority of ASBS dischargers in southern California that wish to be part of a regional monitoring effort.

The ASBS Special Protections monitoring described in this document was performed during the 2012 to 2013 and 2013 to 2014 wet weather seasons in ASBS 24 for Public Works and LADFCD. This Special Protections Monitoring Study complies with all monitoring requirements of the Regional ASBS Program through the identification of water quality impacts to ASBS 24 during storm events.

**Malibu ASBS Special Protections Monitoring –  
Final Report**

**November 2014**



**Figure 1-1. Core, Ocean Receiving Water, and Reference Monitoring Locations along ASBS 24 in Malibu, CA**

## 1.1 Study Objectives

The ASBS 24 Special Protections Monitoring Study was designed to comply with the storm water monitoring requirements set forth in Attachment B of the State Water Resources Control Board Resolution No. 2012-0012, Approving Exceptions to the California Ocean Plan for Selected Discharges into Areas of Special Biological Significance, Including Special Protections for Beneficial Uses, and Certifying a Program Environmental Impact Report (hereafter referred to as “Special Protections”). The special protections document provides descriptions of the following two types of monitoring programs:

1. **Core Discharge Monitoring** – collecting and analyzing wet weather runoff from the discharge during a storm event.
2. **Ocean Receiving Water Monitoring** – collecting and analyzing samples from the ocean before and after a storm event at two locations (i.e., directly in front of the discharge and at a reference site removed from the discharge).

Monitoring requirements set forth in Special Protections are intended to help answer the following questions.

1. **What are the conditions of storm water effluent in the storm drains prior to being discharged into the ocean receiving waters? And what is the range of natural conditions at reference locations?**
2. **What are the conditions of the ocean receiving water directly in front of large storm drain outfalls both prior to, and immediately following, storm events? And how do these conditions compare to natural conditions at reference locations?**
3. **What are the estimated pollutant loads that are being transported into ASBS 24 from storm drains that fall under the jurisdiction of the County and the LACFCD?**

Specifically, Study Questions 1 and 2 were answered by monitoring water quality in ocean receiving water (ASBS 24) and in storm drain effluent associated with storm drains that are equal to, or larger than 18 inches in diameter that discharge to ASBS 24. Flow monitoring equipment installed into two of the largest storm drains that flow into ASBS 24 provided information that was used to answer Study Question 3 by accurately estimating the volume of storm water runoff flowing to the beach and into the receiving water during storm events. Pollutant loads entering ASBS 24 were calculated based upon flow measurements and results of chemical analyses from three storm events during the 2012-2013 and 2013-2014 Wet Weather Seasons.

By answering these three questions, the magnitude of any water quality issues associated with storm water runoff within both the ocean receiving water and within the 20 drainage areas that flow into the monitored storm drains will be better understood. Results from this study will enable the County and LACFD to conform to regional compliance monitoring requirements and will help prioritize potential Best Management Practices (BMPs) for the purpose of reducing pollutant loading to the ASBS.

***Malibu ASBS Special Protections Monitoring –  
Final Report******November 2014***

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This report presents and summarizes data collected from sampling events that occurred during the 2012–2013 and 2013-2014 storm seasons. It should be noted that monitoring was initially scheduled to occur only during the 2012-2013 storm season. However, because only a limited number of storms met monitoring criteria during the 2012-2013 storm season, monitoring was extended into the 2013-2014 storm season. Details of the monitoring design are given below.

## **2.0 STUDY DESIGN**

The ASBS Compliance Monitoring Program was designed to be consistent with a broader Regional ASBS Work Plan created by a planning committee as part of the Southern California Bight 2013 Regional Monitoring Survey and the State Board Special Protections document. The Monitoring Plan for Public Works is designed to conform to the elements described in these documents for ASBS 24, which stretches from Latigo Point to Laguna Point along the coastline of Malibu and into Ventura County. The scope of monitoring for Public Works, however, is confined to the area between Latigo Point and the Los Angeles County line, just north of Nicholas Canyon. The Regional ASBS Work Plan is based on the State Board Special Protections for Selected Storm Water and Nonpoint Source Discharges into Areas of Special Biological Significance (State Board, 2008). Monitoring for this study consisted of both Core Discharge Monitoring and Ocean Receiving Water Monitoring.

### **2.1 Core Discharge Monitoring**

Core Discharge Monitoring consisted of sampling and analysis (water chemistry and toxicity) of wet weather discharges from 20 storm drains (greater than 18 inches in diameter) that discharge to ASBS 24. Table 2-1 details the characteristics of the 20 storm drains that were monitored as part of the Core Discharge Monitoring and the analytes that were measured for each outfall. For storm drain outfalls that are greater than 18 inches and less than 36 inches in diameter, oil and grease and total suspended solids (TSS) were measured for each storm event, whereas for storm drains that are either 36 inches or larger in diameter or are linked with an ocean receiving water site, oil and grease, TSS, total metals, polynuclear aromatic hydrocarbons (PAHs), pyrethroids, organophosphate (OP) pesticides, ammonia, nitrate as N, and total phosphorus were analyzed for each storm event. Additionally, during one storm event at each outfall, chronic toxicity was measured using bivalve embryos.



**Table 2-1. Core Monitoring Program Stations, Outfall Dimensions, Ownership, and  
Required Analyses**

Monitoring	Beach Location	Site Name	LACDPW Storm Drain Tag	Pipe diameter (in)	Ownership		Analyses and number of storms required	Toxicity Testing and Number of Storms Required
					Flood Control District	LA County		
Core Monitoring	Broad Beach	ASBS-001	PD 363 Line A	24	x		TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-002	PD 363 Line B	18	x		TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-003	PD 2053	51	x		<b>Full List*- 3 storms</b>	1 species**, 1 storm
	Zuma Beach	ASBS-004	PD 291	24		x	TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-005	Zuma #U02	36		x	<b>Full List*- 3 storms</b>	1 species**, 1 storm
		ASBS-011	Zuma #U06	24		x	TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-013	Zuma #U08	18		x	TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-016	Zuma Open Channel	60		x	<b>Full List*- 3 storms</b>	1 species**, 1 storm
		ASBS-018	Zuma #U11	24		x	TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-021	PD 1184 Line B	48		x	<b>Full List*- 3 storms</b>	1 species**, 1 storm
	Westward Beach	ASBS-022	Westward #001	36		x	<b>Full List*- 3 storms</b>	1 species**, 1 storm
		ASBS-023	Westward #U15	42		x	<b>Full List*- 3 storms</b>	1 species**, 1 storm
		ASBS-024	Westward #U16	24		x	TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-025	MTD 622 Line 1	18	x		TSS, oil and grease- 3 storms	1 species**, 1 storm
	Escondido Beach	ASBS-026	MTD 622 Line 2	24	x		TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-027	MTD 622 Line 3	24	x		TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-028	MTD 622 Line 4	36	x		<b>Full List*- 3 storms</b>	1 species**, 1 storm
		ASBS-029	MTD 622 Line 5	18	x		TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-030	MTD 622 Line 6	18	x		TSS, oil and grease- 3 storms	1 species**, 1 storm
		ASBS-031	Nicholas #U01	22		x	TSS, oil and grease- 3 storms	1 species**, 1 storm

Yellow highlighting indicates Core Monitoring sites that underwent full chemical analyses based on pipe size (36 inches or greater in diameter) and/or linkage to Ocean Receiving Water site.

\*Full constituent list comprises TSS, total metals, PAHs, pyrethroids, OP pesticides, ammonia, nitrate, and total phosphorus.

\*\*Toxicity species includes bivalve embryos.

## 2.1.1 Sampling Locations

Monitoring locations of the storm drain outfalls are shown on Figure 2-2 through Figure 2-5. A brief description of the storm drain outfall pipes is presented below for each beach from north to south along the Malibu coastline. A more thorough description of each storm drain outfall, including latitude and longitude coordinates, inlet locations, and photographs, is provided in Appendix B. The monitoring locations are as follows:

- **Broad Beach and Nicholas Beach** — Three outfalls occur on Broad Beach (ASBS-001 through ASBS-003) and one outfall occurs on Nicholas Beach (ASBS-031) (Figure 2-2). Of these four outfalls, three of the pipes are between 18 inches and 36 inches in diameter, and one (ASBS-003) is 36 inches or larger in diameter. Each of the pipes along Broad Beach is inaccessible during high tide and, as a result, storm water monitoring from the beach could only occur during a tidal height of approximately 2 ft or less. ASBS-001 was difficult to access even during low tide, due to its location behind a rocky intertidal outcropping. Stormwater sampling of ASBS-001 was performed from a storm drain manhole located off Point Lechuza Drive, approximately 140 ft from the outfall.



 A photograph showing a public access point to Broad Beach. It features a metal gate with a yellow sign and a concrete wall. There are trees and a trash can in the background.	 A photograph of Broad Beach at high tide. The ocean waves are crashing against a rocky shore. In the background, houses are visible on a hillside under a clear blue sky.	 A photograph of the outlet of storm drain ASBS-003. It shows a concrete structure with a metal grate, surrounded by rocks. A house is visible in the background.
<p><b>Public Access Point to Broad Beach</b></p>	<p><b>Broad Beach at High Tide</b></p>	<p><b>Broad Beach Outlet of Storm Drain ASBS-003</b></p>
<p><b>Figure 2-1. Broad Beach Sampling Locations</b></p>		



Figure 2-2. Core Discharge Locations along Broad Beach and Nicholas Beach, and Ocean Receiving Water Reference Monitoring Location at the Mouth of Arroyo Sequit Creek

- North Zuma Beach** — Four outfalls under the jurisdiction of the County or LAFCD are located along north Zuma Beach (ASBS-004, ASBS-005, ASBS-011 and ASBS-013) (Figure 2-3). Three of the outfall pipes are between 18 inches and 36 inches in diameter, and one of the outfall pipes (ASBS-005) is 36 inches or larger in diameter. Each of the outfalls is accessible during high tide. For safety purposes, during the summer period, the pipes are buried. These buried pipes are then excavated prior to the storm season to ensure stormwater flows are not impeded. The elevation of the surrounding beach sand, however, was approximately 1 to 3 meters above the elevation of the excavated outfalls at most North Zuma Beach sites; thus, during storm events, storm water effluent tended to pond at the outfall sites.

		
<p><b>Zuma Beach Outlet of Storm Drain ASBS-004</b></p>	<p><b>Zuma Beach Outlet of Storm Drain ASBS-005</b></p>	<p><b>Sand Plugged Zuma Beach Outlet of Storm Drain ASBS-011</b></p>





Figure 2-3. Core Discharge Monitoring Locations along North Zuma Beach

- South Zuma Beach and Westward Beach** — Six outfalls are situated on south Zuma Beach (ASBS-016 and ASBS-018) and Westward Beach (ASBS-021 through ASBS-024) (Figure 2-4). Two of the outfall pipes are between 18 inches and 36 inches in diameter and four of the outfall pipes (ASBS-016, ASBS-021, ASBS-022, and ASBS-023) are 36 inches or larger in diameter. Each of the outfalls is accessible during high tide. Similar to North Zuma Beach, during the summer period the two pipes along South Zuma Beach were buried for safety purposes and then excavated prior to the storm season to ensure stormwater flows were not impeded. The elevation of the surrounding beach sand, however, was approximately 1 to 3 meters above the elevation of the excavated outfalls at ASBS-016 and ASBS-018; thus, during storm events, storm water effluent tended to pond at these outfall sites.

		
<p><b>Zuma Beach Box Culvert Outlet of Storm Drain ASBS-016</b></p>	<p><b>Zuma Beach Outlet of Storm Drain ASBS-018</b></p>	<p><b>Westward Beach Outlet of Storm Drain ASBS-021</b></p>





Figure 2-4. Core Discharge and Ocean Receiving Water Monitoring Locations along South Zuma Beach and Westward Beach

**Malibu ASBS Special Protections Monitoring  
Final Report**

**November 2014**

- **Escondido Beach** — Six outfalls occur on Escondido Beach (ASBS-025 through ASBS-030) (Figure 2-5). Five of the outfall pipes are between 18 inches and 36 inches in diameter, whereas one of the outfall pipes (ASBS-028) is 36 inches or larger in diameter. These pipe outfalls are located beneath elevated houses along Escondido Beach and as a result of their proximity to the ocean, are not accessible during tides greater than 3 ft (Figure 2-5). Flow monitoring equipment was installed at a curb inlet for ASBS-028 located along Malibu Cove Colony Drive.







**Figure 2-5. Core Discharge and Ocean Receiving Water Monitoring Locations along Escondido Beach**



## 2.2 Ocean Receiving Water Monitoring

The Ocean Receiving Water Monitoring Program was designed to compare conditions in the ASBS near major discharges to “natural” or reference conditions, both prior to and immediately following a storm event. Reference sites located at the mouths of streams in un-urbanized watersheds along the Southern California coast were used to define “natural water quality,” based on criteria identified in the Regional ASBS Work Plan. The conditions monitored in this program included water chemistry, water toxicity, and biological integrity.

To achieve its goals, the Ocean Receiving Water Monitoring Program is focused on the following five basic elements:

1. Pre-Storm Monitoring of water chemistry,
2. Post-Storm Monitoring of water chemistry and toxicity,
3. Biological Monitoring of intertidal habitat,
4. Bioaccumulation Monitoring, and
5. Plume Tracking

The monitoring elements listed above were assessed using samples collected from ASBS ocean receiving water locations that were associated with storm water runoff. Methods and results for elements 1 and 2 are described within this report, whereas methods and results for elements 3, 4, and 5 were performed by SCCWRP on a region-wide basis as part of the Regional Monitoring Program and fall outside of the scope of this report.

Table 2-2 details the characteristics of the two ocean receiving water stations and their affiliated storm drains that were monitored as part of the Ocean Receiving Water Monitoring Program. Ocean receiving water was analyzed for oil and grease, TSS, total metals, PAHs, pyrethroids, OP pesticides, ammonia, nitrate as N, and total phosphorus prior to and during each storm event. Additionally, during each storm event, chronic toxicity was measured using bivalve embryos, echinoderms, and kelp.

**Table 2-2. Ocean Receiving Water Monitoring Program Station Locations, Outfall Dimensions, Ownership, and Required Analyses**

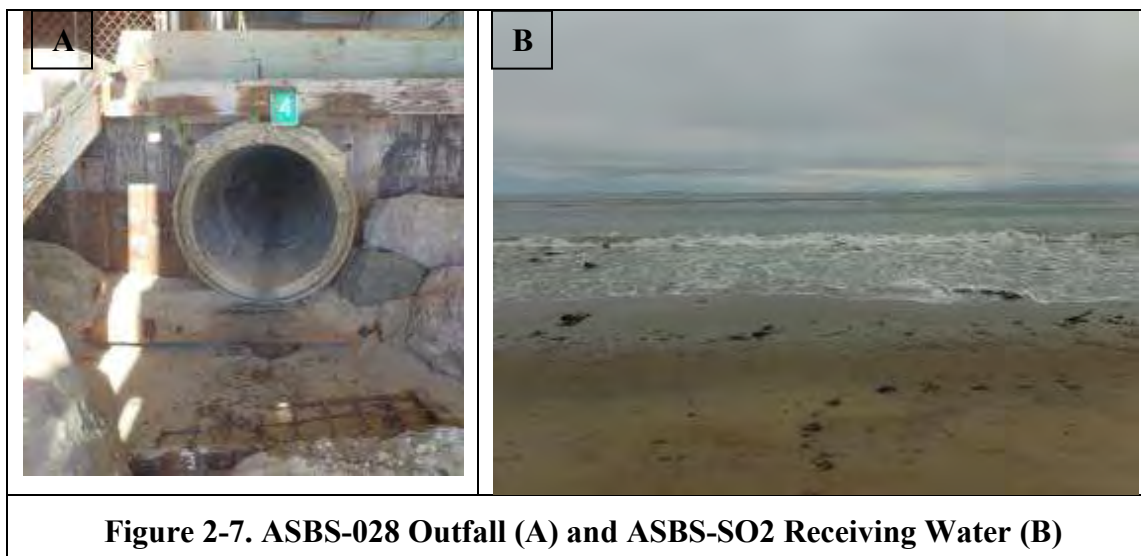
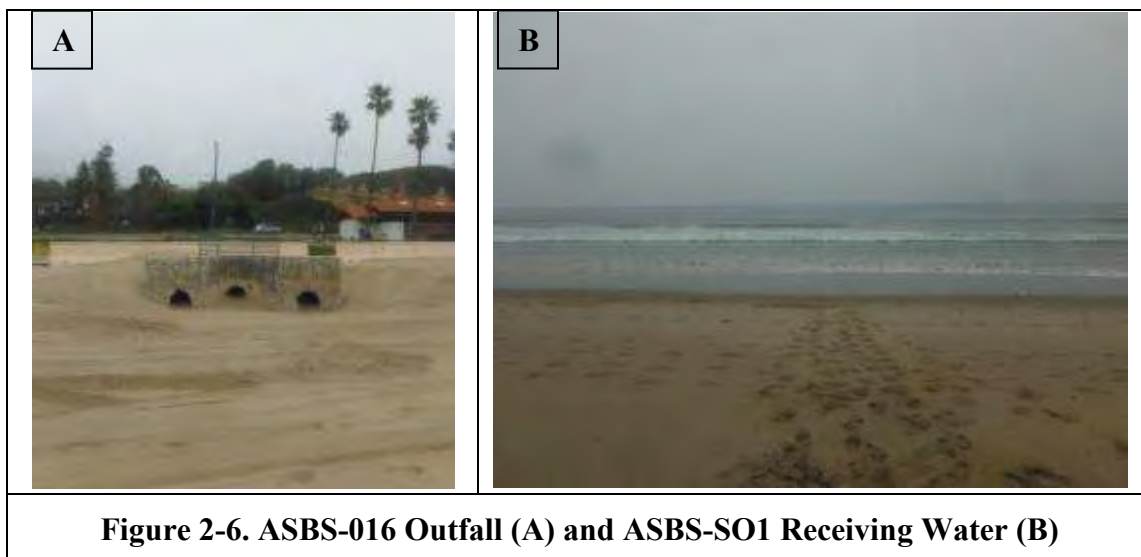
Monitoring	Site ID	Location	Beach	Pipe diameter of Outfall	Ownership		Chemical Analyses and Number of Storms Required	Toxicity Testing and Number of Storms Required
					District	County		
Ocean Receiving Water Monitoring	ASBS-S01	Surfzone, offshore from Pipe ASBS-016	South Zuma	60	x		Full Analytical List*- 3 storms, Pre-storm and post-storm	3 species**, 3 storms-post-storm testing only
	ASBS-S02	Surfzone, offshore from Pipe ASBS-028	Escondido	36		x	Full Analytical List*- 3 storms, Pre-storm and post-storm	3 species**, 3 storms-post-storm testing only
Reference Monitoring	ASBS-R01	Surfzone, offshore from Mouth of Arroyo Sequit Creek	Broad	NA	NA	NA	Full Analytical List*- 3 storms, Pre-storm and post-storm	3 species**, 3 storms-post-storm testing only

\*Full list= TSS, oil and grease, metals, PAHs, pyrethroids, OP pesticides, ammonia, nitrate and total phosphorus

\*\*Toxicity species include: bivalves, echinoderms, and kelp

## 2.2.1 Sampling Locations

Receiving water sampling locations SO-1 and SO-2 were monitored to assess stormwater impacts to ocean receiving waters of ASBS 24. SO-1 is located directly in front of the outfall for ASBS-016, a 60-inch box culvert that conveys storm water into a natural channel and onto Zuma Beach (Figure 2-6). SO-2 is located in the ocean receiving water directly in front of ASBS-028, a 36-inch pipe that terminates at the southern end of Escondido Beach, below a residential house (Figure 2-7). Ocean receiving water sampling locations were located in the mixing zone of the Pacific Ocean, in approximately 1m of water depth. Both ASBS-016 and ASBS-028 outfalls were targeted to be monitored in the Regional ASBS Work Plan as a result of their size and their direct discharge to ASBS 24.



Arroyo Sequit Creek was selected as a reference site in the Regional ASBS Work Plan. The Arroyo Sequit watershed is approximately 95% undeveloped and is representative of a drainage

area that has received minimal anthropogenic impacts. The following is a brief description of the sampling locations for the Malibu ASBS 24 Special Protections Monitoring Study:

- **ASBS-016 Outfall and Receiving Water SO-1** — ASBS-016 is located west of the Pacific Coast Highway (approximately 100 m south of Morning View Drive) along the Zuma Beach Access Road. The watershed draining to ASBS-016 is 115 acres and comprises the following mix of land uses: 33% public facilities, 25% rural residential, 19% vacant, 13% residential, 8% transportation, and 2% open space and recreation. Receiving water samples were collected at SO-1 in the ASBS mixing zone in approximately 1 m of water, directly in front of the Zuma Beach outfall of ASBS-016. During Storms 1 and 2, because no effluent reached the receiving waters, no ocean receiving water samples were collected. Samples were collected, however, during Storm 3.
- **ASBS-028 Outfall and Receiving Water SO-2**— ASBS-028 is located west of Malibu Cove Colony Drive on Escondido Beach. The watershed draining to ASBS-028 is 36 acres and comprises the following mix of land uses: 44% rural residential, 33% vacant, 9% residential, 8% agriculture, and 6% transportation. Receiving water samples were collected at SO-2 in the ASBS mixing zone in approximately 1 m of water directly in front of the Escondido Beach outfall of ASBS-028.
- **Arroyo Sequit Creek and Receiving Water (reference site)** — Arroyo Sequit Creek terminates at Leo Carrillo State Beach, located at the intersection of Pacific Coast Highway and Mulholland Highway, approximately 1 km south of the Ventura County line. Arroyo Sequit Creek's watershed is approximately 95% undeveloped. A sand berm typically prevents flow from Arroyo Sequit Creek from reaching the receiving waters of the ASBS during dry weather. Receiving water samples were to be collected by SCCWRP personnel in the ASBS mixing zone in approximately 1 m of water directly in front of the mouth of Arroyo Sequit Creek; however, no ocean receiving water samples were collected from this reference site during the 2012-2013 or 2013-2014 storm seasons because the sand berm at the mouth of the creek effectively blocked all flow from reaching the receiving waters. A composite of results from reference sites located near ASBS along the California coastline was used to develop natural water quality ranges.



## **2.3 Sampling Methods**

### **2.3.1 Water Collection**

Core discharge samples were collected at the base of each monitored beach outfall unless it was unsafe to do so. Sampling at ASBS-001 was performed from a manhole just upstream of the beach outfall due to safety reasons. Samples were collected in certified clean laboratory bottles appropriate for the analyses to be conducted. Following sampling, samples were placed on ice in a cooler and delivered within the required holding times to Physis Environmental Laboratories, Inc.

Sampling of ocean receiving water was performed prior to each storm's arrival and again during, or immediately following the storm while storm water runoff was flowing to the receiving water. Ocean receiving water samples were collected in the ocean directly in front of the storm drain outfall by submerging a clean 4-L glass container just below the surface of the water in the mixing zone. Water from the glass sampling container was then evenly distributed to each of seven certified clean, pre-labeled laboratory bottles as well as to plastic cubitainers used for toxicity analyses to fill each of the bottles and cubitainers to approximately 25% of capacity. The glass sampling container was then refilled in the same manner as previously described and the collected water re-distributed to each of the laboratory bottles and cubitainers. This process continued until all containers were filled. The water depth was approximately 1 m at the sample collection point.

Samples were collected in bottles appropriate for the analysis to be conducted. After retrieval, the samples were placed on ice in a cooler and delivered within the required holding times for analysis to Physis Environmental Laboratories, Inc. for chemical testing and to ABC Laboratory for toxicity testing.

Chemical and biological analysis methods, detection limits, reporting limits, and applicable Ocean Plan water quality objectives (WQOs) for constituents that were measured in the 2012–2013 and 2013-2014 Ocean Receiving Water Sampling are listed in Table 2-3.

### **2.3.2 Field Water Quality**

During each sampling event, several water quality parameters were measured in the ocean receiving water with a handheld YSI multi-probe water quality meter (Model 650MDS). The meter was submerged in the surf zone at the location of the receiving water monitoring. The following parameters were measured and recorded on field data sheets: water temperature, salinity, pH, conductivity, turbidity, and dissolved oxygen (DO). In addition, the following observations were recorded on the field data sheets: weather and ocean conditions, beach characteristics, runoff characteristics, and flow estimation (using the area-velocity method). Photographs were taken and recorded where appropriate.

### **2.3.3 Sample Analyses - Water**

After collection, core discharge and ocean receiving water samples were submitted to Physis Environmental Laboratories, Inc. for the analyses shown on Table 2-3.

**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014****Table 2-3. List of Constituents Analyzed for the 2012–2013 and 2013-2014 Core Discharge  
and Ocean Receiving Water Sampling Programs**

Constituent	Method	MDL <sup>1</sup>	RL <sup>2</sup>	Units	COP <sup>3</sup>
Total suspended solids (TSS)*	SM 2540-D		5	mg/L	
Nitrate as N	SM4500-NO3 E		0.05	mg/L	
Ammonia	SM4500-NH3D		0.06	mg/L	6
Oil and grease*	EPA <sup>4</sup> 1664A		5	mg/L	
Total orthophosphate as P	SM4500-P E		0.02	mg/L	
<b>Total and Dissolved Trace Metals</b>					
Aluminum (Al)	EPA <sup>4</sup> 200.8(m)		8.25	µg/L	
Antimony (Sb)			0.015	µg/L	
Arsenic (As)			0.045	µg/L	80
Beryllium (Be)			0.1	µg/L	
Cadmium (Cd)			0.010	µg/L	10
Chromium (Cr)			0.25	µg/L	20*
Copper (Cu)			0.05	µg/L	30
Lead (Pb)			0.05	µg/L	20
Manganese (Mn)			0.45		
Mercury (Hg)			0.1	µg/L	0.4
Molybdenum (Mo)			0.1		
Nickel (Ni)			0.1	µg/L	50
Selenium (Se)			0.25	µg/L	150
Silver (Ag)			0.15	µg/L	7
Thallium (Tl)			0.05		
Zinc (Zn)			0.01	µg/L	200
<b>Organophosphorus Pesticides</b>					
Bolstar (sulprofos)	EPA <sup>4</sup> 625		4	ng/L	
Chlorpyrifos			2	ng/L	
Demeton			2	ng/L	
Diazinon			4	ng/L	
Dichlorvos			6	ng/L	
Disulfoton			2	ng/L	
Ethoprop (ethoprofos)			2	ng/L	
Fenchlorophos (eonnel)			4	ng/L	
Fensulfothion			2	ng/L	
Fenthion			4	ng/L	
Malathion			6	ng/L	
Methyl parathion			2	ng/L	
Mevinphos (phosdrin)			16	ng/L	
Phorate			12	ng/L	
Tetrachlorvinphos (stirofos)			4	ng/L	
Tokuthion			6	ng/L	
Trichloronate		2	ng/L		
<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>					
1-Methylnaphthalene	EPA <sup>4</sup> 625		5	ng/L	
1-Methylphenanthrene					
2,3,5-Trimethylnaphthalene					
2,6-Dimethylnaphthalene					
2-Methylnaphthalene					
Acenaphthene					
Acenaphthylene					
Anthracene					
Benz[a]anthracene					
Benzo[a]pyrene					

**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014**

Constituent	Method	MDL <sup>1</sup>	RL <sup>2</sup>	Units	COP <sup>3</sup>
Benzo[b]fluoranthene					
Benzo[e]pyrene					
Benzo[g,h,i]perylene					
Benzo[k]fluoranthene					
Biphenyl					
Chrysene					
Dibenz[a,h]anthracene					
Dibenzothiophene					
Fluoranthene					
Fluorene					
Indeno[1,2,3-c,d]pyrene					
Naphthalene					
Perylene					
Phenanthrene					
Pyrene					
<b>Pyrethroids</b>					
Allethrin	EPA <sup>4</sup> 625 NCI		2	ng/L	
Bifenthrin			2	ng/L	
Cyfluthrin			2	ng/L	
Cypermethrin			2	ng/L	
Danitol (Fenpropathrin)			2	ng/L	
Deltamethrin/Tralomethrin			2	ng/L	
Esfenvalerate			2	ng/L	
Fenvalerate			2	ng/L	
Fluvalinate			2	ng/L	
L-Cyhalothrin			2	ng/L	
Permethrin			25	ng/L	
Prallethrin			2	ng/L	
Resmethrin			25	ng/L	

\*Core discharge outfalls less than 36" in diameter were analyzed only for TSS and oil and grease. Outfalls greater than or equal to 36" in diameter, and ocean receiving water samples were analyzed for all constituents listed in Table 2-3.

<sup>1</sup>MDL = method detection limit.

<sup>2</sup>RL = reporting limit.

<sup>3</sup>COP = California Ocean Plan WQOs – instantaneous maximum concentration.

<sup>4</sup>EPA = United States Environmental Protection Agency.

Details of analytical chemistry methods used for Malibu ASBS Special Protections Monitoring are provided in Appendix C.

### 2.3.4 Flow Monitoring Methods

To accurately measure flow in streams/pipes there are three critical elements needed to develop rating curves, as follows:

- An accurate survey of the stream channel cross section/pipe geometry and longitudinal slope.
- Accurate level measurements based on a fixed point.
- Measurements of velocity and flows at several points throughout the rating curve including low flow, mid flow, and peak flow conditions. This includes utilizing an installed velocity sensor and calculating flows using area velocity method.



**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014**

Flow monitoring data were collected continuously throughout the partial wet weather season in 2012-2013 (February through April) and the entire wet weather season in 2013-2014 at outfalls ASBS-016 and ASBS-028. Flow meters were installed in the ASBS-016 and ASBS-028 outfalls and data were collected via manual downloads during monthly site visits for maintenance and calibration purposes.

Stream ratings were determined using U.S. Geological Service (USGS) stream rating techniques. Pipe cross-section surveys were conducted at each site to derive stream discharge using the Manning Equation. The cross-section surveys involved measuring the inside diameter of each monitored pipe. A four-foot long steel level was used to measure the longitudinal gradient of each monitored pipe. Measurements were taken for a minimum of two level lengths (one length downstream of sensor and one upstream), and the average pipe slope was calculated from the survey data.

Rating curves were calculated using site-specific survey information and the Chézy–Manning formula (Linsley et al., 1982). The Chézy–Manning formula is an empirical formula for open channel flow, or flow driven by gravity, as follows:

$$Q = (1.486/n)AR^{2/3}S^{1/2}$$

where:

- $Q$  = flow
- $n$  = Manning Roughness coefficient
- $A$  = cross-sectional area
- $R$  = hydraulic radius
- $S$  = hydraulic slope

The hydraulic radius is derived as follows:

$$R = A/P$$

where:

- $A$  = cross-sectional area of flow (ft<sup>2</sup>)
- $P$  = wetted perimeter (ft)

**ASBS-016 Outfall Parameters**

Type: 5-ft. Wide Rectangular Concrete Channel  
Slope = 3.75%  
Manning's Roughness  $n = 0.018$

**ASBS-028 Parameters**

Type: 36-Inch RCP Storm Drain  
Slope = 6.1%  
Manning's Roughness  $n = 0.013$

Each rating curve was calibrated by comparing the flow computed by Chézy–Manning formula (based on water level and pipe geometry, slope, and roughness) during the monitored events to the flow computed by utilizing water velocity data obtained by the installed equipment (velocity sensor) and the area of flow (based on water level). Field staff made water level observations during the storm event in order to verify the accuracy of the installed water level sensors. For both pipes monitored, the Chézy–Manning formula flow and the area-velocity computed flows matched good. The event graphs are shown in the Results Section (Figure 3-10 and Figure 3-11). In general, the consistency and accuracy of velocity sensors varies throughout storm

events. For this reason, the Chézy–Manning formula flow calculations, as opposed to area-velocity method, were used to compute total storm volumes for the monitored sites.

### **2.3.5 Flow Modeling Methods**

Storm event flows were estimated using the LACDPW Watershed Management Modeling System (WMMS) for outfalls sampled where monitoring equipment was not installed. The WMMS has been prepared by LACDPW to be a single, consistent model, to serve as a foundation for addressing watershed management needs within the County. Modeling of each outfall was accomplished by first determining the drainage delineation associated with each for outfall. Next, the appropriate land use types and areas were used as input into the model. The land use data was obtained from the LACDPW WMMS website (<http://dpw.lacounty.gov/wmd/wmms/res.aspx>), which includes impervious percentage associated with each type of land use. Rainfall data was obtained from nearby Fire Station 70. More information regarding the WMMS is included in the associated ASBS Compliance Plan as well as the LACDPW website.

In order to calibrate and validate the WMMS for this project, the outfalls where monitoring equipment was installed were also modeled, and the results were compared to the measured values for each storm. For the first two events the flows computed by the WMMS matched the flows obtained by the installed equipment well and no calibration was needed. For the third storm event (larger than the first two events), the WMMS underestimated the runoff for both monitored outfalls. The discrepancies were due to the WMMS underestimated by the runoff from the pervious areas of the each watershed. Thus, in order to calibrate the WMMS for this event, the fractions of rainfall that resulted in runoff within the pervious areas of the watersheds were adjusted so that the resulting total volumes matched those obtained by the flow monitoring methods. The portion of the total rainfall that resulted in runoff within the pervious areas of the Outfall ASBS-028 watershed (approximately 34 acres of pervious area) was estimated to be 29.1%, while for ASBS-016 (approximately 109 acres pervious area) it was estimated to be 5.3%. These runoff coefficients (runoff “C”) were applied to the pervious areas of the drainage areas to the other outfall for the third storm (e.g., 5.3% for large drainage areas, 29.1% for small drainage areas, and linear interpolation for these values for drainages between 34 and 109 acres of pervious area).

The output from the WMMS provided the computed time step flow discharged from the applicable outfalls. The data were used to compute the total volume associated with each outfall for each event.

### **2.3.6 Pollutant Load Calculations**

Pollutant loading calculations were performed for each of the monitored sites. A graphical representation, storm hydrograph, for each wet weather storm event was used to determine the length of wet weather runoff (typically to a point within 10% of the baseflow or after a clear recession and relatively steady water level, when compared to hydrograph rise and fall). Event volumes were calculated by summing the incremental flow values multiplied by the time elapsed between flows as follows:

$$\text{Volume (cubic feet)} = \text{Flow} \left( \frac{\text{cubic feet}}{\text{second}} \right) \times \text{Incremental Time (seconds)}$$

The loads for each site for each event were then calculated by applying the measured pollutant concentration to the site volume as follows:

$$\text{Load(pounds)} = \text{Volume (cubic feet)} \times \text{Conc.} \left( \frac{\text{mg or } \mu\text{g}}{\text{liter}} \right) \times \text{conversion factors}$$

Load calculations were based upon chemistry results and in-field flow measurements. Annual load estimates were made by extrapolating the pollutant load for the wet weather period based upon typical annual precipitation in the area.

### **2.3.7 Sample Analyses- Toxicity**

Toxicity testing of three different marine species was also performed during each monitored storm event, as required by Special Protections. Toxicity testing was performed using the marine bivalve, *Mytilus galloprovincialis*, the purple sea urchin, *Strongylocentrotus purpuratus*, and the kelp, *Macrocystis pyrifera*. Toxicity test methods that were used included the following: chronic 48-hour bivalve development test, chronic 72-hour echinoderm fertilization test, and chronic 48-hour kelp germination and growth test. The marine bivalve test was performed using a modified method based on EPA 600/R-15-136 that was used for the Bight '08 program, whereas the purple sea urchin and kelp tests were performed using EPA 600/R-15/136. Each of these methods is approved by the United States Environmental Protection Agency (USEPA) for testing toxicity in marine and estuarine waters of the United States. Details of toxicity test protocols used for Malibu ASBS Special Protections Monitoring are provided in Appendix D.

**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014****3.0 RESULTS**

Core Discharge Monitoring and Ocean Receiving Water Monitoring were conducted during three storm events during the 2012–2013 and 2013-2014 Wet Seasons. Storm 1 occurred on February 19, 2013; Storm 2 occurred on March 7-8, 2013; and Storm 3 occurred on February 28, 2014. Monitoring was attempted at a total of 20 storm drain outfalls and two ocean receiving water sites. However, if no flow occurred at a core discharge site, no water samples were collected. Similarly, if storm water effluent from an outfall associated with an ocean receiving water site did not reach the receiving water, no receiving water samples were collected. Details of the analyses performed at each core discharge and ocean receiving water site are provided in Table 3-1.

**Table 3-1. Summary of Core Discharge and Ocean Receiving Water Sample Collection**

Event	Outfall	Storm 1 2-19-13		Storm 2 3-07-13		Storm 3 2-28-14	
		Chem	Tox	Chem	Tox	Chem	Tox
Pre-storm	ASBS-SO1	x		x		x	
	ASBS-SO2	x		x		x	
Storm	ASBS-001	x	x	x		x	
	ASBS-002	x	x	x		x	
	ASBS-003	x	x	x		x	
	ASBS-004	x		x	x	x	
	ASBS-005	x		x	x	x	
	ASBS-005-Dup	x					
	ASBS-008	not sampled		x	x	not sampled	
	ASBS-011	x		x	x	x	
	ASBS-013	no flow		no flow		x	x
	ASBS-016	no flow	no flow	x	x	x	
	ASBS-018	x		x	x	x	
	ASBS-021	x		x	x	x	
	ASBS-022	x		x	x	x	
	ASBS-023	x		x	x	x	
	ASBS-024	x		x	x	x	
	ASBS-025	x	x	x		x	
	ASBS-026	x	x	x		x	
	ASBS-027	x	x	x		x	
	ASBS-028	x	x	x		x	
	ASBS-029	x	x	x		x	
ASBS-030	x	x	x		x		
ASBS-031	no flow		no flow		no flow		
ASBS-SO1					x	x	
ASBS-SO2	x	x	x	x	x	x	

Yellow indicates full chemistry site

Green indicates ocean receiving water site

***Storm Event: February 19, 2013***

Pre-storm ocean receiving water samples were collected on February 18, 2013 between 13:00 and 15:00 from ASBS-S01 and ASBS-S02. The forecast storm arrived on February 19, 2013, and sampling began just after 18:00 and continued until 21:00. A total of 0.21 inches of rainfall were recorded at the Leo Carrillo beach rain gauge, whereas 0.31 inches of rainfall were recorded at the Point Dume rain gauge (<http://raws.wrh.noaa.gov>) and 0.12 inches of rainfall were recorded at the Fire Station 70 rain gauge (447C). In total, 17 of the 20 sites were successfully monitored, whereas three of the outfalls had no flow, and thus were not monitored. The sites that had no flow were ASBS-013, ASBS-016, and ASBS-031. It was unclear at the time why these three outfalls did not flow, but debris dams upstream of the outfall or in the outfall were suspected. Toxicity samples were collected from nine of the outfalls and at one ocean receiving water site (ASBS-028). Because ASBS-016 was not flowing, no receiving water chemistry or toxicity samples were collected.

***Storm Event: March 7-8, 2013***

Pre-storm ocean receiving water samples were collected on March 6, 2013 between 13:35 and 14:45 from ASBS-S01 and ASBS-S02. The forecast storm arrived on the night of March 7, 2013 and continued into the early morning on March 8, 2013. Sampling began at 21:50 on March 7, 2013 and continued until 01:53 on March 8, 2013. A storm total of 0.50 inches of rainfall were recorded at the Leo Carrillo beach rain gauge (<http://raws.wrh.noaa.gov>), while 0.74 inches of rainfall were recorded at the Fire Station 70 rain gauge. In total, 19 of the 21 sites were successfully monitored, whereas two of the outfalls had no flow, and thus were not monitored. The sites that had no flow were ASBS-013 and ASBS-031. An investigation following the previous storm event concluded that there was no flow in these outfalls due to the pipe being clogged at ASBS-013 and a likely debris dam around the outfall at ASBS-031. Toxicity samples were collected from 10 of the outfalls and at one ocean receiving water site (ASBS-S01). Although there was some flow at the ASBS-016 outfall, since the water ponded on the beach and did not reach the receiving water, no receiving water chemistry or toxicity samples were collected.

***Storm Event: February 28, 2014***

Pre-storm ocean receiving water samples were collected on February 25, 2014 between 14:35 and 15:35 from ASBS-S01 and ASBS-S02. The forecast storm arrived on the morning of February 28, 2014 and continued throughout the day until approximately midnight. Sampling began at 12:16 on February 28, 2013 and continued until 15:43 on February 28, 2013. A storm total of 2.26 inches of rainfall were recorded at the Fire Station 70 rain gauge (<http://raws.wrh.noaa.gov>). In total, 19 of the 21 sites were successfully monitored, whereas one of the outfalls had no flow (ASBS-031), and one site was not monitored (ASBS-008). ASBS-031 also did not flow in the two previously monitored storm events. Toxicity samples were collected from one of the outfalls (ASBS-016) and at both ocean receiving water sites (ASBS-S01 and ASBS-S02). Ocean receiving water chemistry samples were also collected at ASBS-S01 and ASBS-S02.

### **3.1 Core Discharge Monitoring**

Core discharge samples were collected manually using clean laboratory-certified containers supplied by the analytical laboratory. Grab samples were collected as the storm water effluent flowed from the pipe onto the sand, or in the case of ASBS-016, from the box culvert onto the natural channel that flowed to Zuma Beach. ASBS-001 was sampled from a manhole located approximately 140 ft above the beach outfall due to unsafe conditions along the beach. Constituent concentrations from core discharge samples were compared to the Instantaneous Maximum (maximum allowable concentration) listed in the California Ocean Plan for reference purposes. Sample water for toxicity testing was collected during one storm event for each outfall, provided there was flow at the outfall. Complete chemistry and toxicity reports for each storm event are provided in Appendices C and D, respectively. A summary of chemistry results is given in Table 3-2, Table 3-3, and Table 3-4, and is described in the following text. In the summary tables, only analytes that were measured above detection limits are listed under the categories organophosphorus pesticides, and synthetic pyrethroids. Values that are highlighted in yellow are above the California Ocean Plan Instantaneous Maximum (Imax) value.

Table 3-2. Summary of Core Discharge Results from Storm 1 Event and Comparison to the California Ocean Plan Instantaneous Maximum Criteria

Parameter	Units	California Ocean Plan	Outfall ASBS-																
			001	002	003	004	005	011	018	021	022	023	024	025	026	027	028	029	030
			2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013
<b>General Chemistry</b>																			
Ammonia as N	mg/L	6			1.47		1.12			0.78	1	0.68					0.64		
Nitrate as N	mg/L				10.15		5.57			4.48	8.24	12.45					7.02		
Oil & Grease	mg/L		1.3	1.4	1.6	4	1.6	<1	<1	<1	1.9	2.3	6	3.7	7	3.1	<1	<1	30.9
Total Orthophosphate as P	mg/L				0.53		0.6			0.22	0.35	0.63					0.28		
Total Suspended Solids	mg/L		270.7	53.8	584	284	186.5	1.8	75.5	22.5	38.7	63.2	453	90.5	870	218	16.3	133	61.3
<b>Total Metals</b>																			
Arsenic (As)	µg/L	80			2.13		1.66			1.15	0.95	2.23					0.88		
Cadmium (Cd)	µg/L	10			0.31		0.35			0.10	0.12	0.20					0.27		
Chromium (Cr)	µg/L	20			10.12		7.90			1.39	3.13	3.20					1.85		
Copper (Cu)	µg/L	30			63.56		30.47			11.43	84.93	266.16					13.14		
Lead (Pb)	µg/L	20			13.99		5.80			1.32	4.33	4.88					2.01		
Mercury (Hg)	µg/L	0.4			0.16		0.05			<0.0012	<0.0012	<0.0012					<0.0012		
Nickel (Ni)	µg/L	50			11.57		10.47			2.75	3.13	7.01					5.25		
Selenium (Se)	µg/L	150			0.794		0.102			0.138	0.151	0.355					0.435		
Silver (Ag)	µg/L	7			<0.01*		<0.01*			<0.01*	<0.01*	<0.01*					<0.01*		
Zinc (Zn)	µg/L	200			141.4		128.9			60.4	135.3	269.1					39.0		
<b>Organophosphorus Pesticides</b>																			
Malathion	ng/L				<3		<3			<3	<3	2868.9					<3		
All other OP pesticides were below Method Detection Limits																			
<b>Polynuclear Aromatic Hydrocarbons</b>																			
Total PAHs	ng/L				102		208.4			42	103.7	255.6					<1		
<b>Pyrethroids</b>																			
Bifenthrin	ng/L				700.8		<0.5			<0.5	320.9	1184.5					<0.5		
Cyfluthrin	ng/L				<0.5		<0.5			<0.5	<0.5	344.4					<0.5		
Es fenvalerate	ng/L				152.4		<0.5			<0.5	<0.5	<0.5					<0.5		
Fenvalerate	ng/L				29.3		<0.5			<0.5	<0.5	<0.5					<0.5		
All other Pyrethroid pesticides were below Method Detection Limits																			
< - results less than the method detection limit.																			
J-Analyte was detected at a concentration below the reporting limit and above the method detection limit. Reported value is estimated.																			
*Method detection limit above the natural water quality.																			
Yellow highlighted cells indicate results above the natural water quality and the instantaneous maximum benchmark of the Ocean Plan.																			



Table 3-3. Summary of Core Discharge Results from Storm 2 Event and Comparison to the California Ocean Plan Instantaneous Maximum Criteria

Parameter	Units	California Ocean Plan	Outfall ASBS-																		
			001	002	003	004	005	008	011	016	018	021	022	023	024	025	026	027	028	029	030
			Instantaneous Maximum	3/8/2013	3/8/2013	3/8/2013	3/7/2013	3/7/2013	3/8/2013	3/7/2013	3/8/2013	3/8/2013	3/8/2013	3/7/2013	3/8/2013	3/8/2013	3/8/2013	3/7/2013	3/7/2013	3/8/2013	3/7/2013
<b>General Chemistry</b>																					
Ammonia as N	mg/L	6			2.1		4.75			4.8		0.57	1.32	0.66					7.8		
Nitrate as N	mg/L				3.78		3.51			10.2		3.24	4.84	5.15					5.29		
Oil & Grease	mg/L		221.1	<1	1.1	83.4	<1	<1	<1	<1	<1	<1	<1	1.3	1.2	1.5	4.8	1.7	6.7	<1	1.2
Total Orthophosphate as P	mg/L				0.5		0.34			0.79		0.51	0.16	0.51					0.75		
Total Suspended Solids	mg/L		531	52.7	315.7	17.5	37.1	115.4	<0.5	782	58.1	64.1	10.7	33	63.6	64.3	660	17.9	616	29.7	32.4
<b>Total Metals</b>																					
Arsenic (As)	µg/L	80			2.51		1.43			3.738		2.13	2.257	2.158					7.287		
Cadmium (Cd)	µg/L	10			0.69		0.08			1.25		0.54	0.09	0.08					10.95		
Chromium (Cr)	µg/L	20			23.88		2.58			39.21		7.13	1.97	1.83					32.36		
Copper (Cu)	µg/L	30			41.56		27.15			33.87		20.48	35.04	116.98					198.50		
Lead (Pb)	µg/L	20			19.83		1.71			10.14		3.94	1.06	3.65					46.30		
Mercury (Hg)	µg/L	0.4			0.02		0.02			0.02		0.01	0.007J	<0.0012					0.06		
Nickel (Ni)	µg/L	50			22.30		4.53			47.83		10.48	2.07	3.49					77.08		
Selenium (Se)	µg/L	150			0.363		0.115			0.176		0.076J	0.521	0.151					1.004		
Silver (Ag)	µg/L	7			<0.01*		0.06			<0.01*		0.08	0.06	0.04					0.06		
Zinc (Zn)	µg/L	200			142.7		104.7			125.2		88.2	41.8	157.7					800.7		
<b>Organophosphorus Pesticides</b>																					
Malathion	ng/L				<3		<3			<3		<3	<3	4128.6					<3		
All other OP pesticides were below Method Detection Limits																					
<b>Polynuclear Aromatic Hydrocarbons</b>																					
Total PAHs	ng/L				694		53			231.3		131.8	18.5	251.4					1145.6		
<b>Pyrethroids</b>																					
Bifenthrin	ng/L				214		<0.5			<0.5		<0.5	74.6	167.5					203.9		
Cyfluthrin	ng/L				<0.5		21.6			<0.5		<0.5	<0.5	268.6					<0.5		
Cypermethrin	ng/L				<0.5		16.2			<0.5		<0.5	<0.5	<0.5					<0.5		
All other pyrethroid pesticides were below Method Detection Limits																					
< - results less than the method detection limit.																					
J-Analyte was detected at a concentration below the reporting limit and above the method detection limit. Reported value is estimated.																					
*method detection limit above the natural water quality.																					
Yellow highlighted cells indicate results above the natural water quality and the instantaneous maximum benchmark of the Ocean Plan.																					

Table 3-4. Summary of Core Discharge Results from Storm 3 Event and Comparison to the California Ocean Plan Instantaneous Maximum Criteria

Parameter	Units	California Ocean Plan Instantaneous Maximum	Outfall ASBS-																		
			001	002	003	004	005	011	013	016	018	021	022	023	024	025	026	027	028	029	030
			2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014
<b>General Chemistry</b>																					
Ammonia as N	mg/L	6			4.95			0.37			0.68		0.43	1.51	<0.02					0.21	
Nitrate as N	mg/L				0.63			0.54			0.72		0.86	1.53	24.54					0.27	
Oil & Grease	mg/L		<1	<1	2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.5	1.3	1J	<1	1.3
Total Orthophosphate as P	mg/L				1.08			0.2			0.86		0.83	0.84	0.94					0.27	
Total Suspended Solids	mg/L		79.2	296	5095	593	497	70.4	119	803	55.3	148	7.9	4.8	27.5	18.2	103.2	78.8	40.3	1.9	42.6
<b>Total Metals</b>																					
Arsenic (As)	µg/L	80			9.08			1.79			2.75		3.52	3.73	4.73					0.656	
Cadmium (Cd)	µg/L	10			3.82			0.55			1.41		0.55	0.18	0.28					0.1864	
Chromium (Cr)	µg/L	20			<b>75.35</b>			<b>20.63</b>			<b>23.61</b>		5.98	2.16	1.79					1.2621	
Copper (Cu)	µg/L	30			<b>109.66</b>			27.95			29.91		25.05	<b>56.11</b>	<b>84.92</b>					26.219	
Lead (Pb)	µg/L	20			<b>71.78</b>			6.11			8.13		5.73	2.11	0.54					17.5522	
Mercury (Hg)	µg/L	0.4			<0.0012			<0.0012			<0.0012		<0.0012	<0.0012	<0.0012					<0.0012	
Nickel (Ni)	µg/L	50			<b>91.11</b>			25.82			38.05		9.12	4.77	8.81					2.9016	
Selenium (Se)	µg/L	150			0.33			0.22			0.23		0.32	1.22	5.10					0.334	
Silver (Ag)	µg/L	7			0.17			0.08			0.10		0.07	0.21	0.06					0.01J	
Zinc (Zn)	µg/L	200			<b>454.8</b>			98.37			151.15		93.27	97.01	199.0					87.7	
<b>Organophosphorus Pesticides</b>																					
Chlorpyrifos	ng/L				67.6			<0.5			<0.5		<0.5	<0.5	<0.5					<0.5	
All other OP pesticides were below Method Detection Limits																					
<b>Polynuclear Aromatic Hydrocarbons</b>																					
Total PAHs	ng/L				7159.2			906.4			778		570.3	54.7	1982.1					812.2	
<b>Pyrethroids</b>																					
Bifenthrin	ng/L				694.4			43.4			5.4		80.3	16.9	188.7					1673.6	
Cyfluthrin	ng/L				33.1			<0.5			<0.5		6.7	5.9	19.9					<0.5	
Cypermethrin	ng/L				88.7			<0.5			8.2		<0.5	3.3	<0.5					<0.5	
Esfenvalerate	ng/L				15.6			<0.5			<0.5		1.5J	0.6J	<0.5					<0.5	
Fenvalerate	ng/L				7.4			<0.5			<0.5		0.9J	0.7J	<0.5					<0.5	
L-Cyhalothrin	ng/L				4.8			1.6J			1.1J		5	<0.5	<0.5					2.2	
Permethrin	ng/L				3845.8			<5			123.1		<5	76.7	<5					<5	
All other pyrethroid pesticides were below Method Detection Limits																					
< - results less than the method detection limit.																					
J-Analyte was detected at a concentration below the reporting limit and above the method detection limit. Reported value is estimated.																					
Yellow highlighted, bold, underlined cells indicate results above the natural water quality and the instantaneous maximum benchmark of the Ocean Plan.																					

### 3.1.1 General Chemistry

ASBS-028 was the only outfall that had a general chemistry constituent measured above the California Ocean Plan Instantaneous Maximum concentration (Imax) value. Ammonia was measured at a concentration of 7.8 milligrams per liter (mg/L) at ASBS-028 during Storm 2, which was slightly above the Imax of 6 mg/L. There are no established Imax values for nitrate, oil and grease, total orthophosphate, and total suspended solids (TSS). Oil and grease and TSS were the only constituents required to be measured at all outfalls. Oil and grease concentrations varied widely, ranging from less than 5 mg/L at 89% of the outfalls to 221.1 mg/L at ASBS-001 during Storm 2. TSS concentrations also varied significantly among the outfalls, ranging from less than 0.5 mg/L at ASBS-011 during Storm 2 to 5095 mg/L at ASBS-003 during Storm 3.

Across the seven largest outfalls (equal to or greater than 36 inches in diameter), ammonia concentrations ranged from <0.02 mg/L at ASBS-023 during Storm 3 to 7.8 mg/L at ASBS-028 during Storm 2, whereas nitrate ranged from 0.27 mg/L at ASBS-028 during Storm 3 to 24.54 mg/L at ASBS-023 during Storm 3. Total orthophosphate concentrations ranged from 0.27 mg/L to 1.08 mg/L during all storm events at the monitored outfalls.

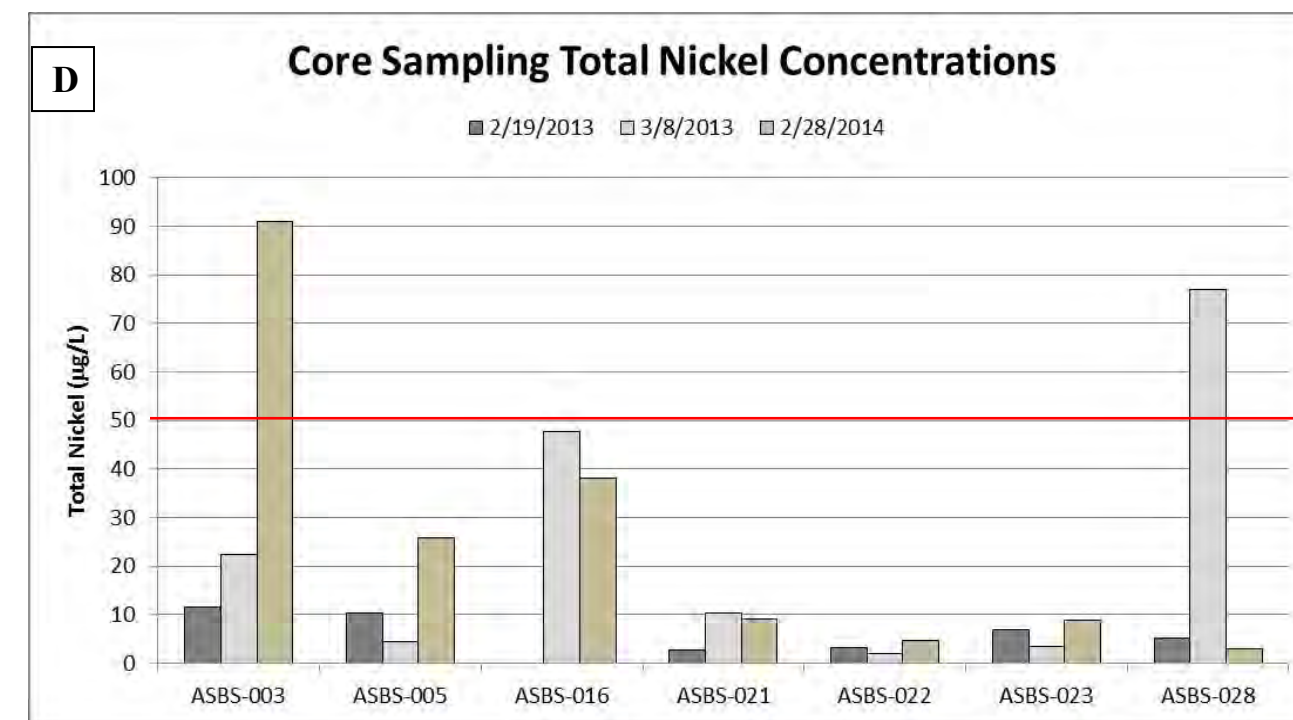
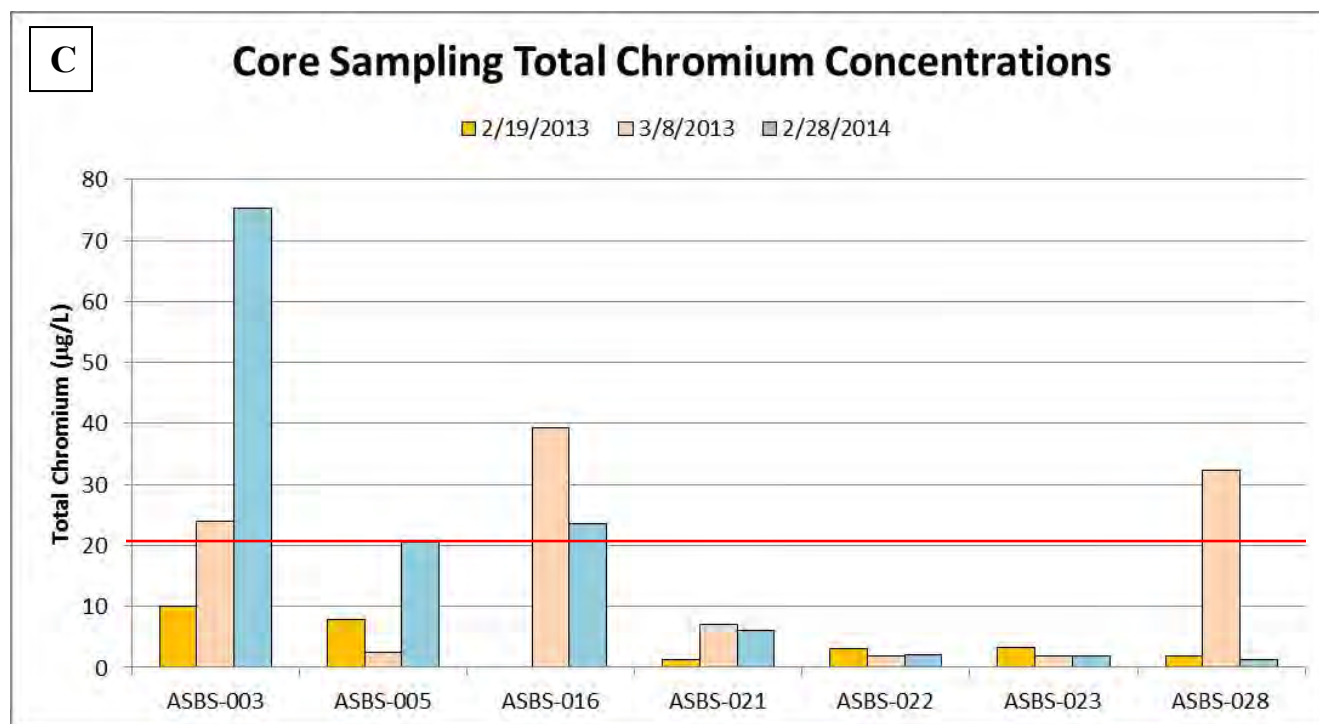
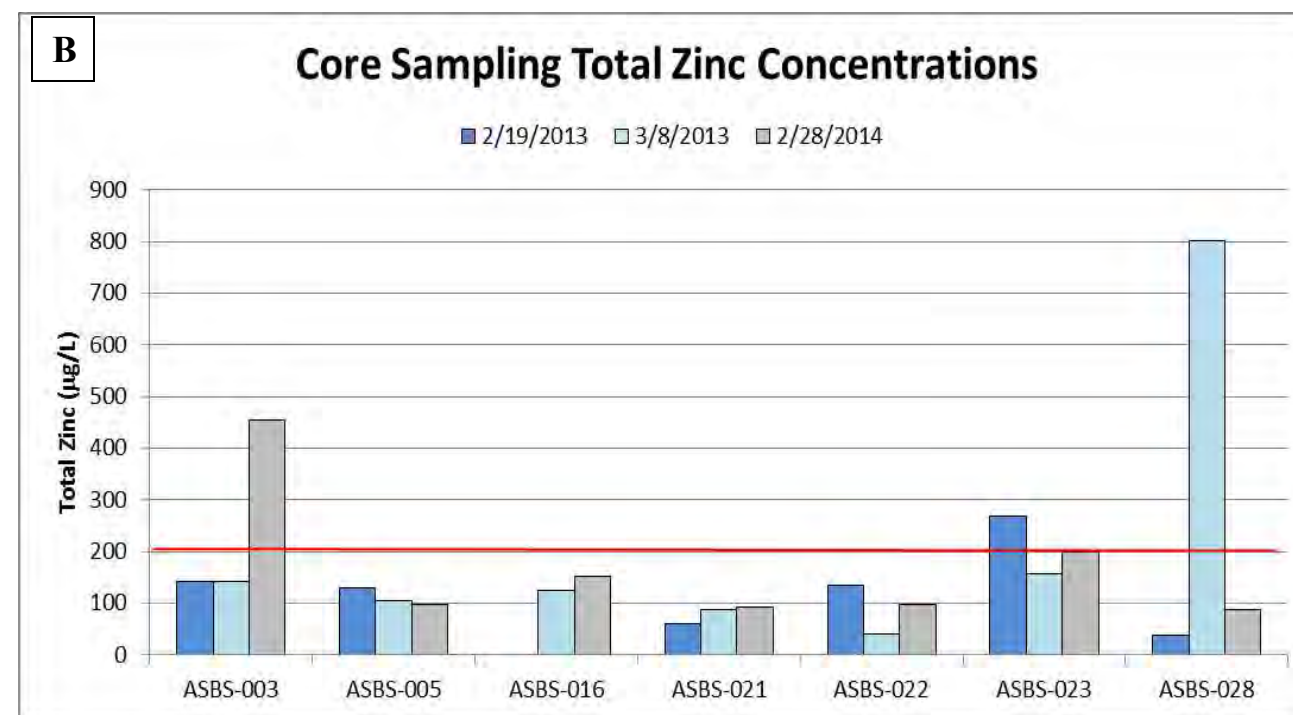
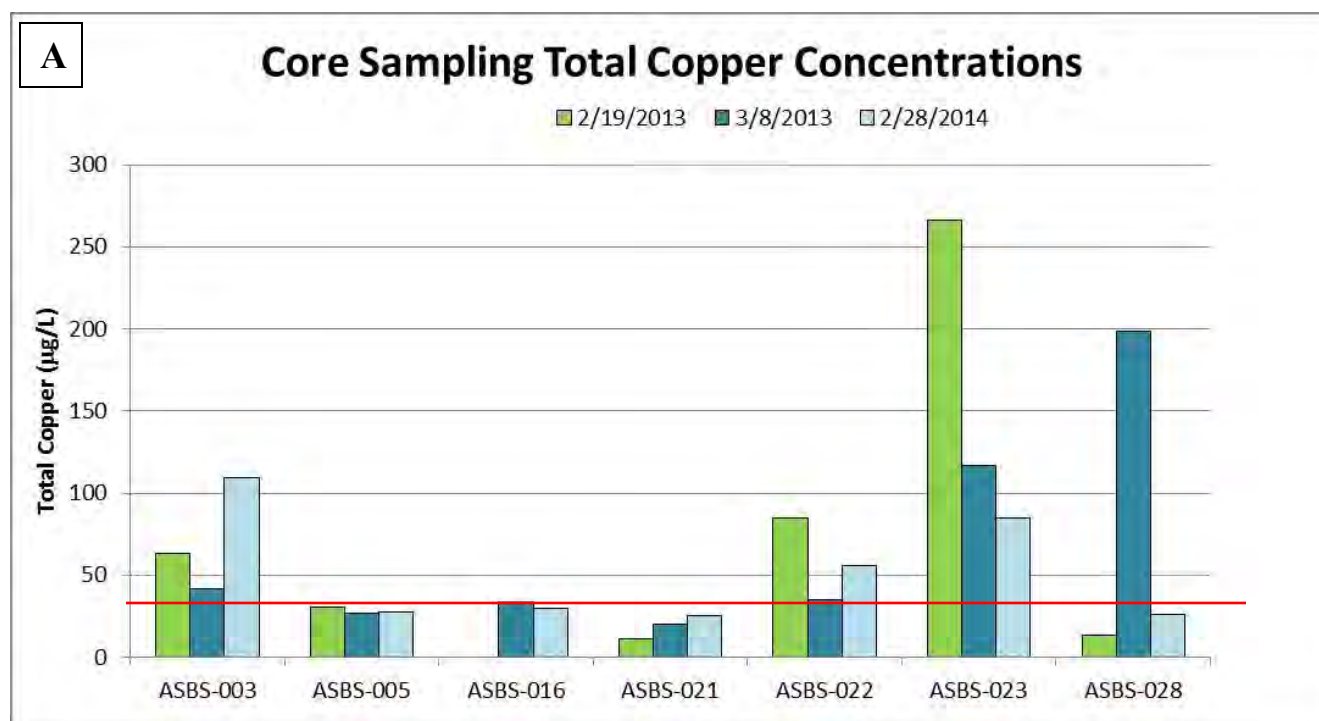
### 3.1.2 Metals

#### *Total Metals*

Concentrations of chromium, copper, and zinc were measured above the California Ocean Plan Imax concentration at one or more of the seven large outfalls that were monitored for metals during the 2012-2013 and 2013-2014 storm season (Figure 3-1).

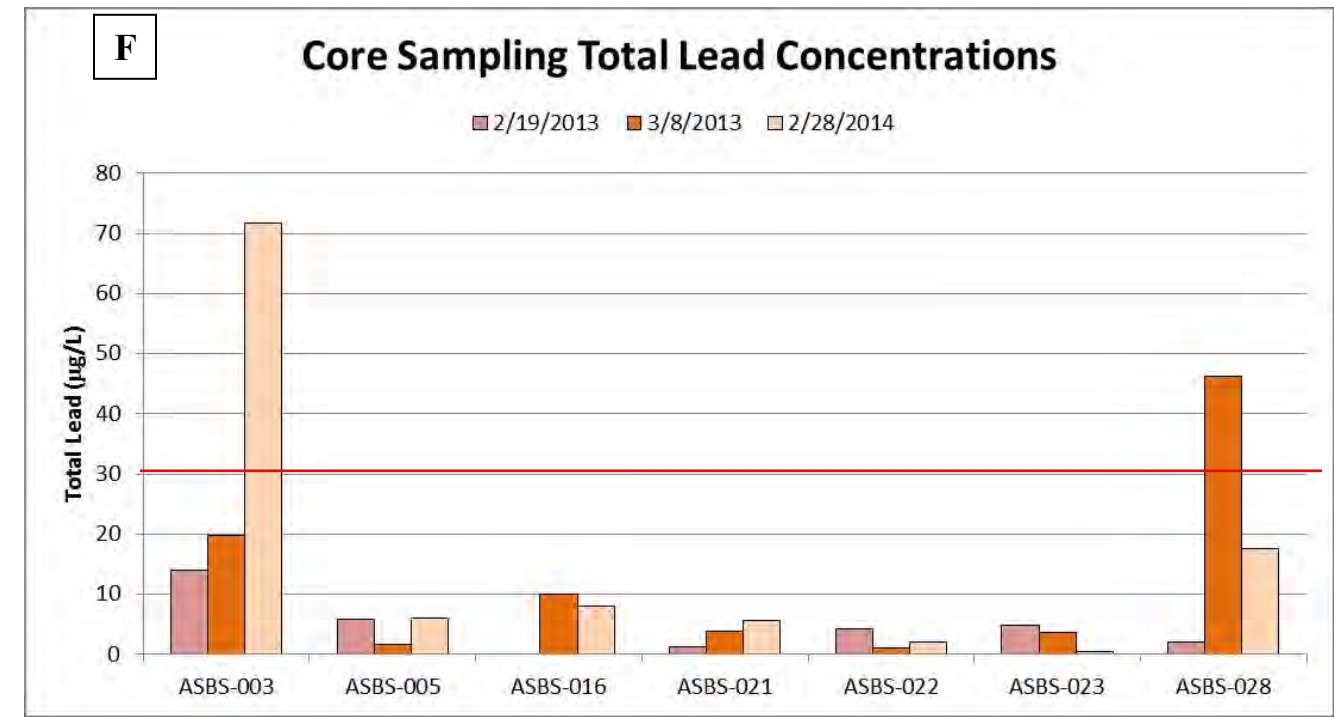
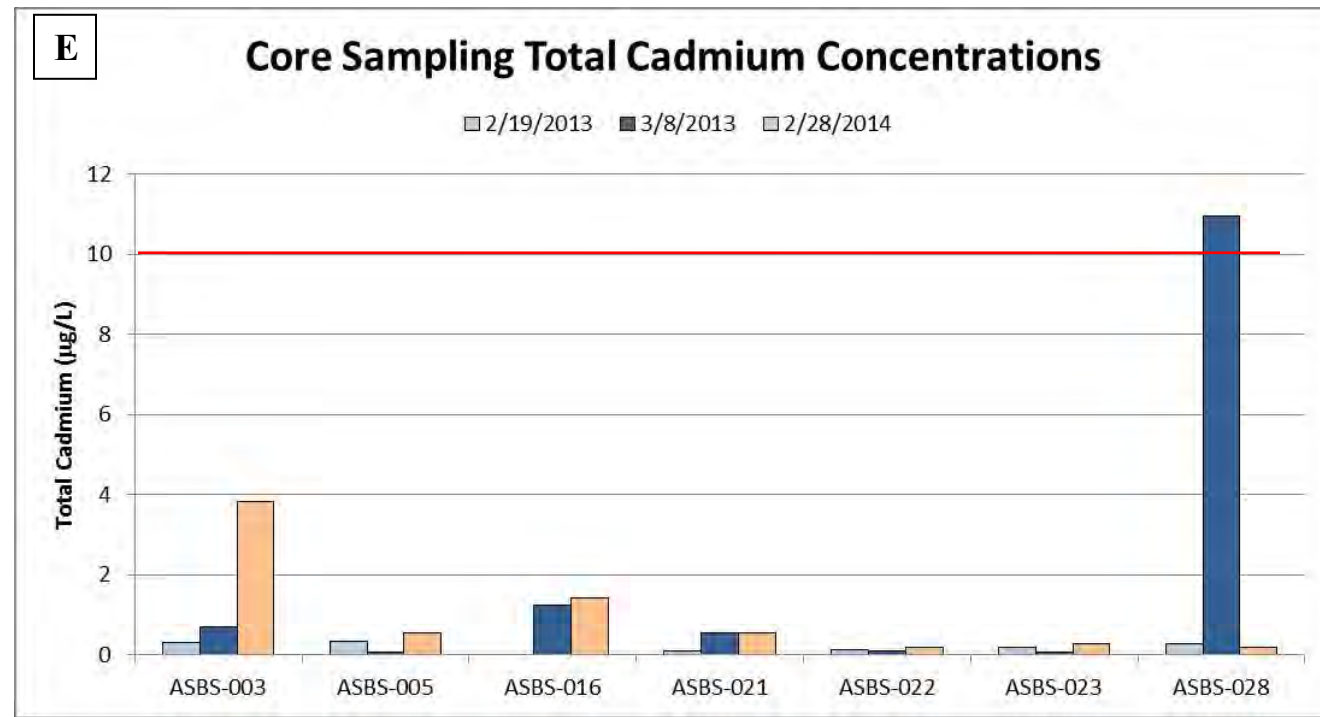
Analytical results from samples collected during Storm 1 (February 19, 2013) indicated that four storm drain outfalls had concentrations of total copper above the Imax, and that one storm drain outfall had total concentrations of total zinc above the Imax. Copper concentrations ranged from less than 1 to 8.9 times the Imax, whereas zinc concentrations ranged from less than 1 to 1.4 times the Imax.

During Storm 2 (March 7, 2013) concentrations of cadmium, chromium, copper, lead, nickel, and zinc were measured above the California Ocean Plan Imax concentration at one or more of the monitored outfalls (Figure 3-1 and Figure 3-2). Outfalls ASBS-003 and ASBS-016 had Imax concentrations of chromium and copper above the Imax, whereas outfalls ASBS-022 and ASBS-023 had copper concentrations above the Imax. Outfall ASBS-028 had concentrations of cadmium, chromium, copper, lead, nickel, and zinc above the Imax. With the exception of the chromium concentration at ASBS 016 and the silver concentration at ASBS-021, the highest concentrations of each of the analyzed metals were measured at ASBS-028. Copper concentrations were 6.6 times the Imax at ASBS-028 and 3.9 times the Imax at ASBS-023, whereas at all other outfalls, the concentration was less than 1.4 times the Imax. Zinc and lead concentrations at ASBS-028 were 4.0 and 2.3 times the Imax, respectively, whereas they were below the Imax at all other outfalls. Concentrations of cadmium, chromium, and nickel were less than 1.6 times the Imax at ASBS-028.



--- indicates California Ocean Plan Imax value

Figure 3-1. Total Copper (A), Zinc (B), Chromium (C), and Nickel (D) Concentrations at Large Storm Drain Outfalls



--- indicates California Ocean Plan Imax for zinc

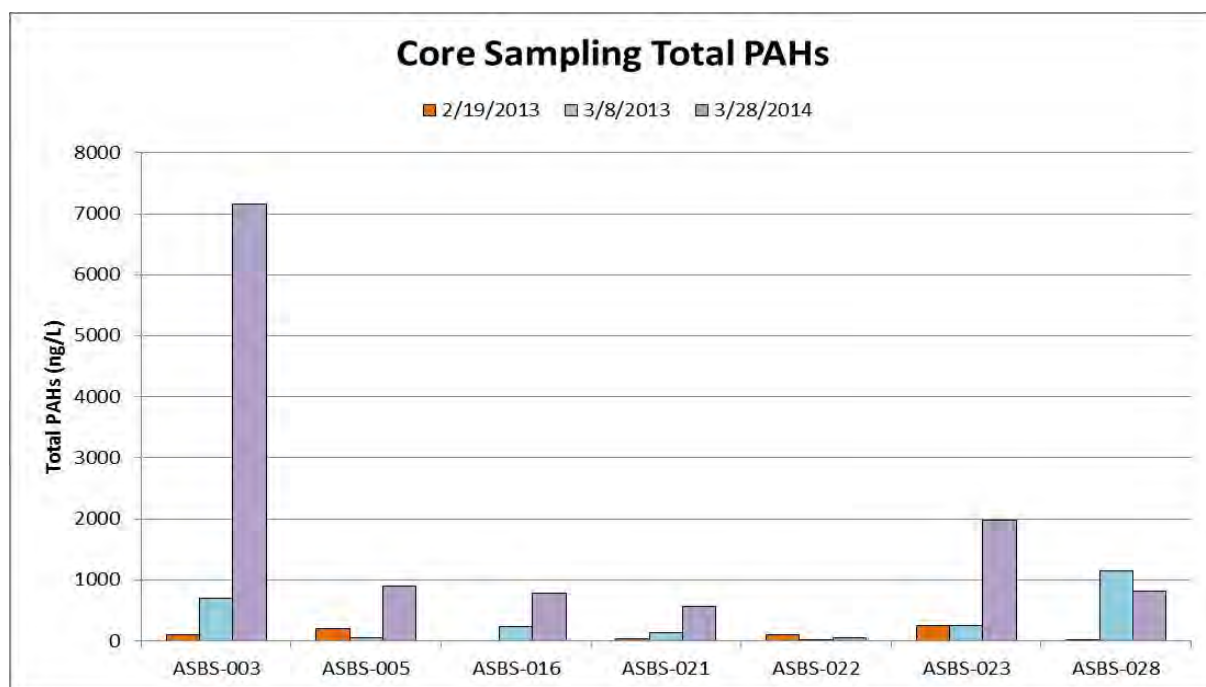
Figure 3-2. Total Cadmium (E) and Lead (F) Concentrations at Large Storm Drain Outfalls



During Storm 3 (February 28, 2014), concentrations of chromium, copper, lead, nickel, and zinc were measured above the California Ocean Plan Imax concentration at one or more of the monitored outfalls (Figure 3-1 and Figure 3-2). Outfall ASBS-003 had five metals that were above Imax criteria, whereas ASBS-005, ASBS-016, ASBS-022 and ASBS-023 had only one metal above Imax criteria. Chromium concentrations were above Imax criteria at outfalls ASBS-003, ASBS-005, and ASBS-16, whereas copper concentrations were above Imax criteria at outfalls ASBS-003, ASBS-022 and ASBS-023. Lead, nickel, and zinc were also above Imax criteria at ASBS-003. With the exception of the selenium concentration at ASBS 022 and ASBS-023 and the silver concentration at ASBS-022, the highest concentrations of each of the analyzed metals were measured at ASBS-003. Copper, lead, and chromium concentrations ranged from 3.6 to 3.7 times the Imax at ASBS-003. Zinc concentrations were approximately 2.2 times the Imax at ASBS-003, whereas nickel was approximately 1.8 times the Imax. The copper concentration at ASBS-023 (2.8 times the Imax) was the only other constituent that was greater than 2 times the Imax concentration.

### 3.1.3 Polynuclear Aromatic Hydrocarbons

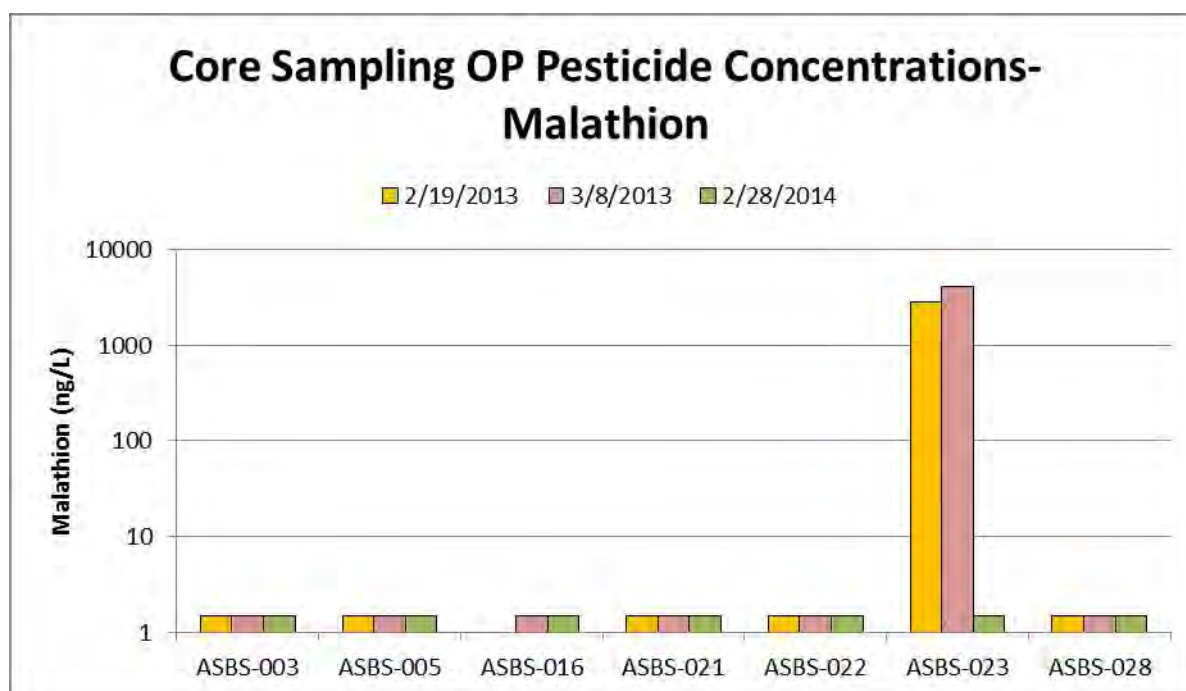
Total PAH concentrations varied substantially between storm events and between sites (Figure 3-3), though they were generally higher during Storm 3 across nearly all outfalls. Values for total PAHs during Storm 1 ranged from below the detection limit of 1 nanogram per liter (ng/L) at ASBS-028 during the Storm 1 to 255.6 ng/L at ASBS-023. During Storm 2, total PAHs ranged from 255.6 ng/L at ASBS-022 to 1146 ng/L at ASBS-028, whereas during Storm 3, total PAHs ranged from 54.7 ng/L at ASBS-022 to 7159 ng/L at ASBS-003. The California Ocean Plan does not provide a total PAHs WQO for the protection of marine aquatic life.



**Figure 3-3. Total PAH Concentrations at Large Storm Drain Outfalls**

### 3.1.4 Organophosphorus Pesticides

Malathion was detected at ASBS-023 during Storms 1 and 2 (Figure 3-4), whereas chlorpyrifos was detected at ASBS-003 during Storm 3. No other organophosphorus pesticides were detected from core discharge outfalls during the three monitored storm events over the 2012-2013 and 2013-2014 storm seasons. Malathion concentrations ranged from 2,869 ng/L to 4,129 ng/L at ASBS-023 during Storms 1 and 2, whereas chlorpyrifos had a concentration of 67.6 ng/L at ASBS-003 during Storm 3. Currently, no Imax values are provided in the California Ocean Plan for OP pesticides with regard to the protection of marine life. A literature review was conducted to determine whether previous toxicity studies had been performed using malathion exposures on marine invertebrate species. The lowest LC<sub>50</sub> value (i.e., the concentration at which 50% of the test organisms expire) found in the literature review was an 83,000-ng/L malathion exposure to *Pagurus longicarpus* (an Atlantic species of hermit crab) (Verschueren, 1996) and an LC<sub>50</sub> of 10,000 ng/L in *Ampelisca abdita* (a marine amphipod). The highest malathion concentration that was detected in any of the core discharge samples was substantially lower than the lowest LC<sub>50</sub> value in the literature review, indicating that OP pesticides do not likely present a significant source of toxicity within the ASBS.

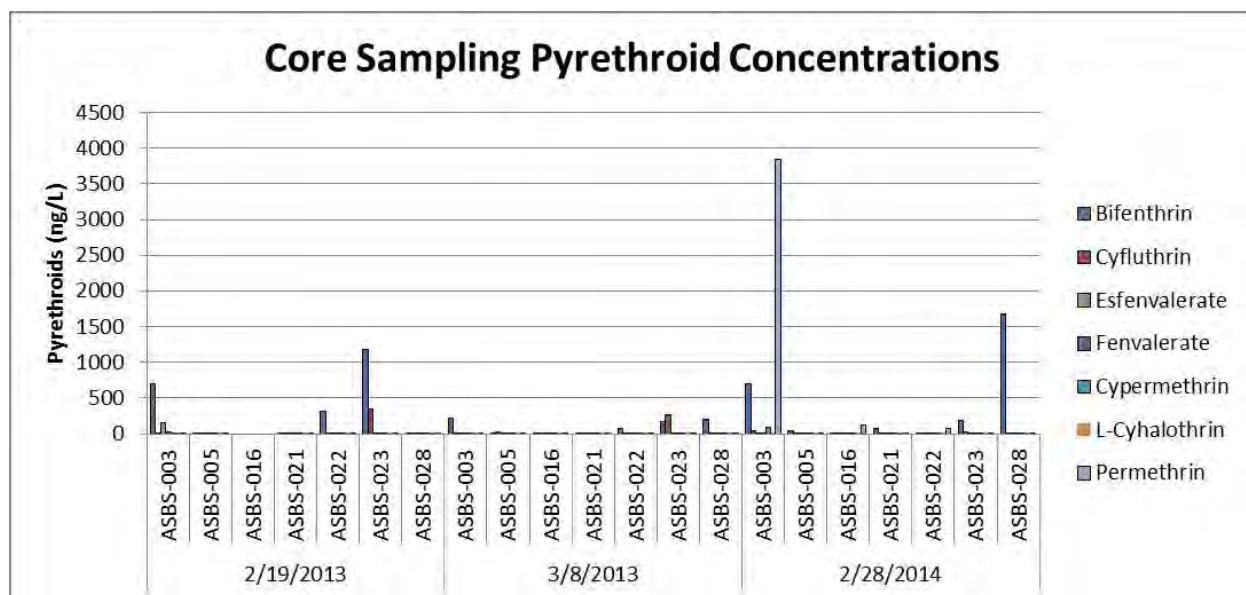


**Figure 3-4. Orthophosphorus Concentrations at Large Storm Drain Outfalls**

### 3.1.5 Synthetic Pyrethroids

The synthetic pyrethroids bifenthrin, cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, fenvalerate, L-cyhalothrin, and permethrin were detected at one or more of the large storm drains during the three monitored storm events (Figure 3-5). Concentrations of bifenthrin were greater than 500 ng/L during Storm 1 at ASBS-003 and ASBS-023 and during Storm 3 at ASBS-003 and ASBS-028, whereas the concentration of permethrin was greater than 500 ng/L at ASBS-003 during Storm 3. The highest concentrations of pyrethroids were measured at ASBS-023 during

Storm 1 and Storm 2 and at ASBS-003 during Storm 3. Although the California Ocean Plan does not provide water quality criteria for pyrethroids, toxicity studies have been performed on the effects of bifenthrin, cyfluthrin, cypermethrin, and permethrin exposures to marine invertebrate shrimp species that are similar to native shrimp species living in the ocean receiving water. LC<sub>50</sub> values of 3.97 ng/L, 2.42 ng/L, 27 ng/L, and 95 ng/L have been derived for the mysid shrimp (*Americamysis bahia*) in exposures to bifenthrin, cyfluthrin, cypermethrin, and permethrin respectively (USEPA, 2013; Cripe, 1994). Across all storm events, the highest Bifenthrin concentration (1673.6 ng/L) occurred at ASBS-028 during Storm 3, whereas the highest cyfluthrin concentration (344.4 ng/L) occurred at ASBS-023 during Storm 1. The highest Cypermethrin (88.7 ng/L) and permethrin concentrations (3846 ng/L) occurred at ASBS-003 during Storm 3. LC<sub>50</sub> values for mysids exposed to fenvalerate range from 8.0 to 32.0 ng/L (USEPA, 2013). Fenvalerate concentrations were below the detection limit at all outfalls evaluated except ASBS-003, which had a concentration of 29.3 ng/L. No data related to mysid mortality is available for esfenvalerate; however, an LC<sub>50</sub> value of 60 ng/L has been derived for the marine grass shrimp *Palaemonetes pugio* (USEPA, 2013). Esfenvalerate concentrations were below the detection limit at all outfalls evaluated except ASBS-003, which had a concentration of 152.4 ng/L during Storm 1 and a concentration of 15.6 ng/L during Storm 3.



**Figure 3-5. Pyrethroid Concentrations at Large Storm Drain Outfalls**

### 3.1.6 Toxicity

Toxicity samples were collected from each storm drain outfall (provided there was flow) one time over the course of the three monitored storm events (Table 3-1). In total, toxicity samples were collected from nine outfalls during the February 19, 2013 storm event (Storm 1), from 10 outfalls during the March 8, 2013 storm event (Storm 2), and one outfall during the February 28, 2014 storm event (Storm 3). Toxicity testing consisted of *Mytilus galloprovincialis* (bivalve) development tests which are on the approved list of test species for chronic toxicity testing in the COP. A summary of toxicity results is presented in Table 3-5.



**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014**

Results indicate that slight toxicity to *M. galloprovincialis* development was observed in samples collected at five of the outfalls. During Storm 1, toxicity was observed in samples from ASBS-002, ASBS-026, and ASBS-028. ASBS-002 and ASBS-026 samples resulted in no observed effect concentrations (NOECs) of 50 percent (%) and chronic toxic unit (TU<sub>c</sub>) values of 2, whereas the ASBS-028 sample had a NOEC of 25% and a TU<sub>c</sub> of 4. During Storm 2, slight toxicity was observed in samples from ASBS-004 and ASBS-022. The sample from ASBS-004 had a NOEC of 50% and a TU<sub>c</sub> of 2 and the sample from ASBS-022 had a NOEC of 25% and a TU<sub>c</sub> of 4. The concentrations resulting in 25% (EC<sub>25</sub>) and 50% (EC<sub>50</sub>) reductions in normality values for all samples were greater than 100%.

**Table 3-5. Summary of Core Discharge Toxicity Results**

Storm Date	Outfall	NOEC (%)	LOEC (%)	EC <sub>25</sub> (%)	EC <sub>50</sub> (%)	TU <sub>c</sub>
February 19, 2013	ASBS-001	100	>100	>100	>100	1
	ASBS-002	50	100	>100	>100	2
	ASBS-003	100	>100	>100	>100	1
	ASBS-025	100	>100	>100	>100	1
	ASBS-026	50	100	>100	>100	2
	ASBS-027	100	>100	>100	>100	1
	ASBS-028	25	50	>100	>100	4
	ASBS-029	100	>100	>100	>100	1
	ASBS-030	100	>100	>100	>100	1
March 8, 2013	ASBS-004	50	100	>100	>100	2
	ASBS-005	100	>100	>100	>100	1
	ASBS-008	100	>100	>100	>100	1
	ASBS-011	100	>100	>100	>100	1
	ASBS-016	100	>100	>100	>100	1
	ASBS-018	100	>100	>100	>100	1
	ASBS-021	100	>100	>100	>100	1
	ASBS-022	25	50	>100	>100	4
	ASBS-023	100	>100	>100	>100	1
ASBS-024	100	>100	>100	>100	1	
February 28, 2014	ASBS-013	100	>100	>100	>100	1

Grey shading indicates potential toxicity.

NOEC = no observed effect concentration.

LOEC = lowest observed effect concentration.

EC<sub>25</sub> = concentration producing a 25% response.

EC<sub>50</sub> = concentration producing a 50% response, or median lethal concentration.

## **3.2 Ocean Receiving Water**

Ocean receiving water samples were collected at S01 in front of ASBS-016 and at S02 in front of ASBS-028 within 48 hours prior to, and during, or immediately following the storm while effluent runoff was still flowing into the receiving water. The three monitored storm events occurred on February 19, 2013 (Storm 1), March 7-8, 2013 (Storm 2), and February 28, 2014 (Storm 3). Constituent concentrations from ocean receiving water samples were compared to reference threshold concentrations as well as to the California Ocean Plan objectives. Reference threshold concentrations are defined as the 85<sup>th</sup> percentile of sample concentrations taken from reference sites in Southern California. Estimated values (J-flagged values) measured above the detection limit but below the reporting limit were not considered to be in exceedance of reference thresholds. Complete chemistry and toxicity reports for each storm event are provided in Appendices C and D, respectively. A summary of chemistry results is given in Table 3-6, and is described in the following text.

### **3.2.1 Field Water Quality**

Field measurements were collected using a YSI probe for conductivity, temperature, salinity, DO, pH, and turbidity during both pre-storm and post-storm monitoring. No post-storm measurements were taken at SO1 during Storms 1 and 2 because the flow from outfall ASBS-016 never reached the receiving water. Pre-storm and post-storm conductivity measurements were nearly identical during Storm 1 and Storm 3 at SO2, whereas post-storm measurements were slightly less than pre-storm measurements during Storm 2 at SO2. The pH varied little, ranging from 7.77 pH units to 7.99 pH units during pre-storm and post-storm monitoring for each of the storm events. Salinity, which was not measured during Storm 1 due to an instrument malfunction, was slightly higher during pre-storm monitoring than during post-storm monitoring during Storms 2 and 3. Water temperature dropped several degrees during Storm 1 post-storm monitoring at SO2; however, this drop may have been at least partially due to the post-storm monitoring occurring at night rather than in the day. During Storm 2, water temperature was nearly the same during pre-storm and post-storm monitoring, while during Storm 3, water temperature dropped nearly 4°C at SO1 and 1°C at SO2. Turbidity measurements varied somewhat between pre-storm and post-storm conditions. Increased wave size during the Storm 1 post-storm sampling may have caused a spike in turbidity between the pre-storm (34.8 nephelometric turbidity units [NTU]) and post-storm (232 NTU) field measurements at SO2. Storm 2 pre-storm turbidity ranged from 18.7 NTU to 24.0 NTU, whereas post-storm turbidity was 45.4 NTU. Storm 3 pre-storm turbidity ranged from 16.4 to 26.4 NTU, whereas post-storm turbidity ranged from 4.1 to 15.0 NTU.

Table 3-6. Results Summary of Pre-Storm and Post-Storm Ocean Receiving Water Sampling

Parameter	Units	California Ocean Plan	Natural Water Quality	S01-PRE	S02-PRE	S02-POST	S01-PRE	S02-PRE	S02-POST	S01-PRE	S01-POST	S02-PRE	S02-POST
		Instantaneous Maximum	85% Percentile Reference Threshold	2/18/2013	2/18/2013	2/19/2013	3/6/2013	3/6/2013	3/8/2013	2/25/2014	2/28/2014	2/25/2014	2/28/2014
<b>Field Measurements</b>													
Conductivity	mS			52.74	52.16	52.35	51.82	51.87	48.73	Not measured	53.463	53.034	52.535
Dissolved Oxygen	mg/L			8.40	9.92	8.34	8.49	8.40	Not measured	8.65	4.10	7.89	7.76
pH	pH units			7.85	7.77	7.86	7.86	7.80	7.80	7.93	7.99	7.93	7.92
Salinity	ppt			Not measured	Not measured	Not measured	34.06	34.11	33.60	Not measured	35.32	34.90	34.65
Temperature	°C			14.24	16.05	13.25	13.80	14.19	13.92	19.14	15.25	17.22	16.34
Turbidity	NTU			28.2	34.8	232.0	24.0	18.7	45.4	26.4	4.1	16.4	15.0
<b>General Chemistry</b>													
Ammonia as N	mg/L	6	0.015	0.09	0.04J	<0.02	0.04J	0.03J	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate as N	mg/L		0.34	0.51	0.38	0.25	0.48	0.49	0.54	0.03J	0.02J	0.02J	<0.01
Oil & Grease	mg/L		0.5	14.1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Orthophosphate as P	mg/L		0.10	0.02	0.02	0.03	0.03	0.03	0.06	0.02	0.02	0.02	0.18
Total Suspended Solids	mg/L		48	5.2	7.9	40.5	3.8	14.9	33.3	19.5	25.2	87.7	150
<b>Total Metals</b>													
Arsenic (As)	µg/L	80	1.8	1.72	1.47	1.39	1.56	1.56	1.58	1.47	1.28	6.60	4.12
Cadmium (Cd)	µg/L	10	0.15	0.02	0.06	0.06	0.03	0.06	0.14	0.02	0.02	0.51	0.26
Chromium (Cr)	µg/L	20	1.9	0.32	0.54	0.64	0.24	0.65	2.52	1.11	0.39	<b>26.01</b>	4.96
Copper (Cu)	µg/L	30	1.5	0.15	0.32	0.45	0.16	0.38	2.92	0.68	0.22	6.00	2.29
Lead (Pb)	µg/L	20	0.5	0.05	0.10	0.19	0.03	0.16	1.04	0.24	0.06	7.27	1.55
Mercury (Hg)	µg/L	0.4	0.0006	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	0.0046J	<0.0012J	0.01	<0.0012	0.03
Nickel (Ni)	µg/L	50	1.3	0.27	0.51	0.77	0.28	0.63	1.86	0.87	0.36	21.57	4.24
Selenium (Se)	µg/L	150	0.0025	0.007J	0.02	0.03	0.008J	0.02	0.05	0.02	0.011J	0.08	0.16
Silver (Ag)	µg/L	7	0.08	0.03	0.01J	<0.01	<0.01	0.01J	<0.01	0.09	0.18	0.03	0.14
Zinc (Zn)	µg/L	200	18.6	1.04	1.20	12.28	2.70	37.88	54.10	5.35	21.05	41.71	12.02
<b>Organophosphorus Pesticides</b>													
Total OP pesticides	ng/L		6	6	6	6	6	6	6	6	6	6	6
<b>Polynuclear Aromatic Hydrocarbons</b>													
Total PAHs	ng/L		12.5	12.5	12.5	41.1	12.5	12.5	57.0	12.5	12.5	17.8	53.0
<b>Pyrethroids</b>													
Bifenthrin	ng/L			<0.5	<0.5	<0.5	<0.5	<0.5	8.4	<0.5	<0.5	<0.5	2.5
Deltamethrin/Tralomethrin	ng/L			<0.5	<0.5	<0.5	10.6	26.6	<0.5	<0.5	<0.5	<0.5	<0.5
Esfenvalerate	ng/L			1.1J	<0.5	0.8J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
All other Pyrethroids	ng/L			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Pyrethroids	ng/L		6.75	6.75	6.75	6.75	17.35	33.35	15.15	6.75	6.75	6.75	9.25
< - results less than the method detection limit.													
J-Analyte was detected at a concentration below the RL and above the MDL. Reported value is estimated. J-flagged values were not considered to exceed reference thresholds since they are estimated values.													
Grey highlighted cells indicate results above the natural water quality.													
Grey highlighted, bold, underlined cells indicate results above the natural water quality and the instantaneous maximum benchmark of the Ocean Plan.													
For non-detect values and J-values, 0.5 times the detection limit was used to compare against Natural WQ criteria													

### 3.2.2 General Chemistry

General chemistry constituents included ammonia as N, nitrate as N, oil and grease, total orthophosphate as P, and TSS. Ammonia concentrations were less than 0.02 mg/L in post-storm samples from S02 for all storm events and from S01 during Storm 3. Pre-storm samples ranged from less than 0.02 mg/L to 0.09 mg/L across all storm events at both ocean receiving water stations. Concentrations of ammonia were greater than the 85<sup>th</sup> percentile reference threshold (0.015 mg/L) in the Storm 1 and Storm 2 pre-storm samples from S01 and in the Storm 1 pre-storm sample from S02. All ammonia values were well below the California Ocean Plan I<sub>max</sub> of 6 mg/L.

Nitrate concentrations ranged from less than 0.01 mg/L to 0.54 mg/L in post-storm samples from S02 across all storm events. Nitrate pre-storm concentrations at S01 and S02 were above the 85<sup>th</sup> percentile reference threshold (0.374 mg/L) during Storm 1 and Storm 2. However, only the post-storm nitrate concentration at S02 during Storm 2 was above the reference threshold and the pre-storm concentration. There is no established California Ocean Plan I<sub>max</sub> value for nitrate.

Oil and grease concentrations were less than 1 mg/L in all samples with the exception of the Storm 1 pre-storm sample from S01, which was measured at 14.1 mg/L. Total orthophosphate concentrations ranged from 0.02 in both S01 and S02 Storm 1 pre-storm samples to 0.18 in the Storm 3 post-storm sample from S02. The Storm 3 post-storm concentration of total orthophosphate (0.18 mg/L) was above the reference threshold (0.114 mg/L). Post-storm TSS concentrations at S02 varied, ranging from 33.3 mg/L during Storm 2 to 150 mg/L during Storm 3; the post-storm concentration of TSS at S01 was 25.2 during Storm 3. TSS concentrations were greater in post-storm samples than pre-storm samples during each of the monitored storm events. During Storm 3, the S02 pre-storm and post-storm concentrations (87.7 mg/L and 150 mg/L, respectively) were greater than the 85<sup>th</sup> percentile reference threshold value of 55.4 mg/L.

### 3.2.3 Metals

#### *Total Metals*

Post-storm metals concentrations in ocean receiving water samples were generally either below the 85<sup>th</sup> percentile reference threshold values (where applicable) or were below pre-storm concentrations. All metals concentrations, with the exception of the pre-storm chromium concentration in Storm 3, were below the California Ocean Plan I<sub>max</sub> values. Concentrations of metals with at least one exceedance of the 85<sup>th</sup> percentile threshold are presented in Figure 3-6 and Figure 3-7.

For Storm 1 at S02, selenium was measured at concentrations that were slightly above the 85<sup>th</sup> percentile reference threshold in both pre-storm and post-storm samples. No other metal concentrations exceeded reference threshold criteria during Storm 1.

During Storm 2 at S02, selenium and zinc were measured above their respective 85<sup>th</sup> percentile values in the pre-storm sample. The selenium pre-storm concentration was approximately 10 times the reference threshold value (0.0025 µg/L), and the pre-storm zinc concentration was approximately 2 times the reference threshold value (18.6 µg/L). In the post-storm sample at S02, chromium, copper, lead, nickel, selenium, and zinc were measured at concentrations

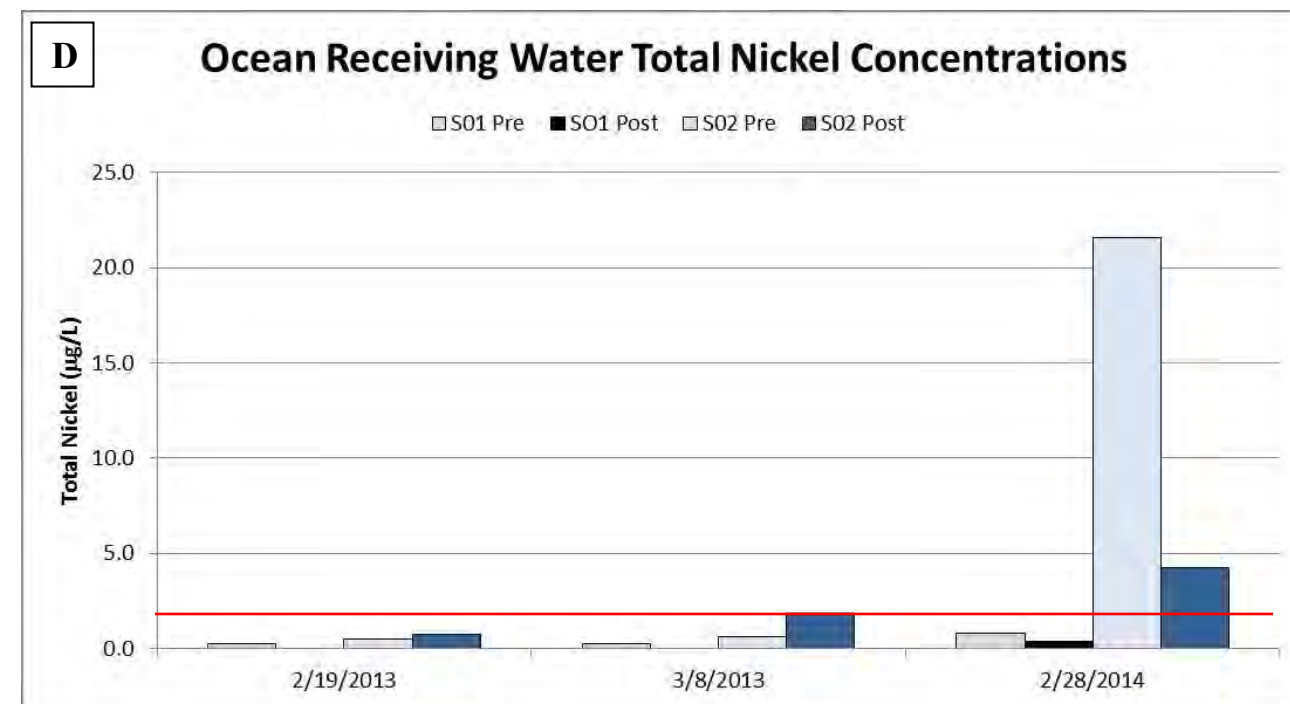
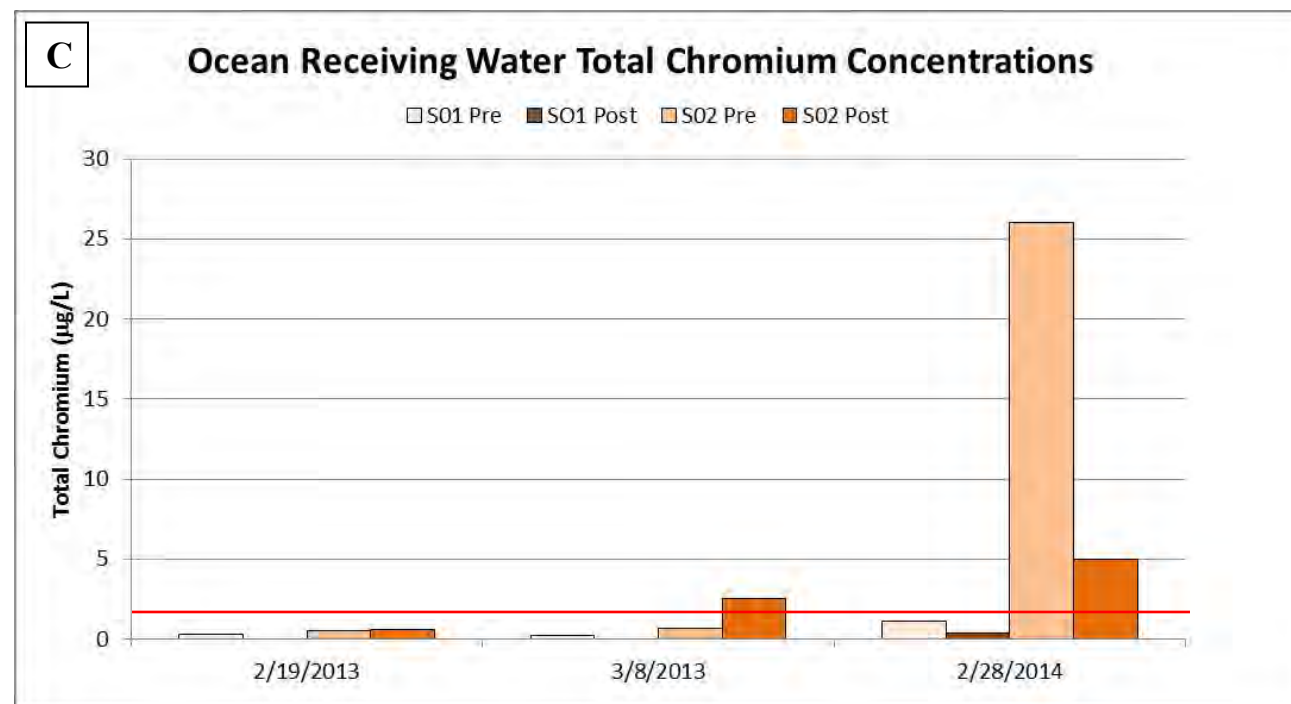
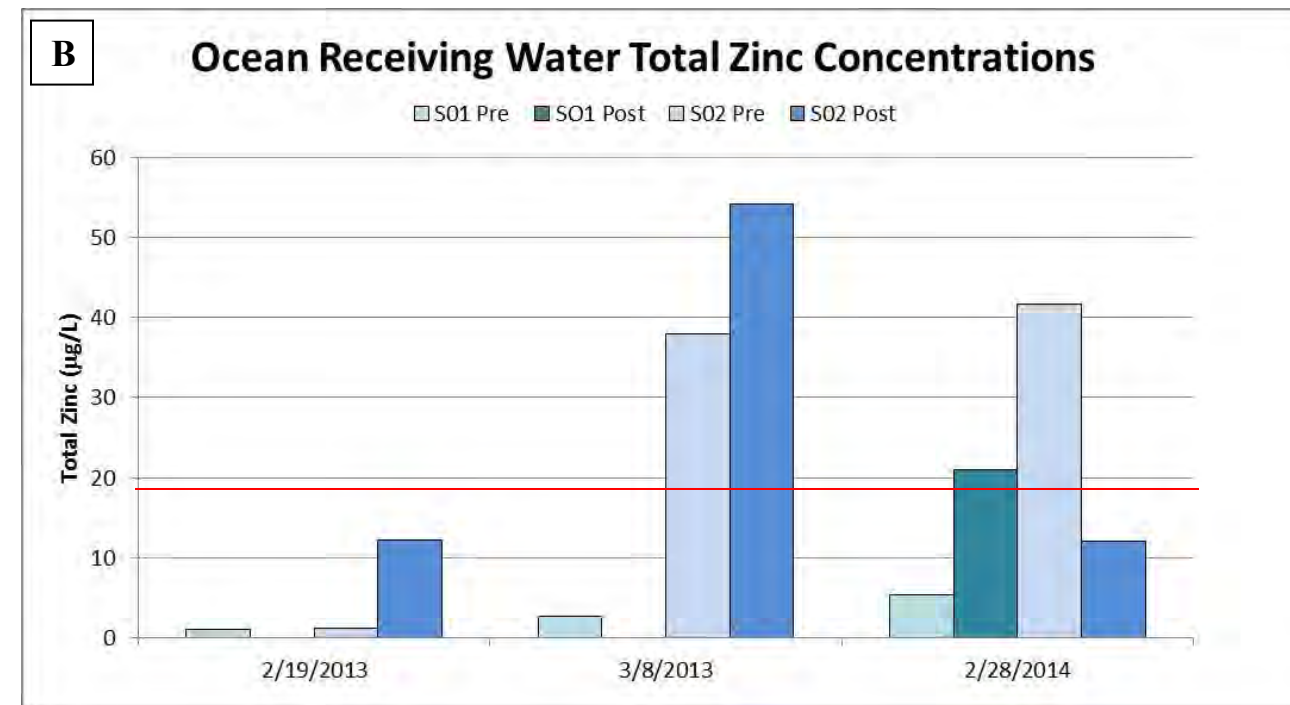
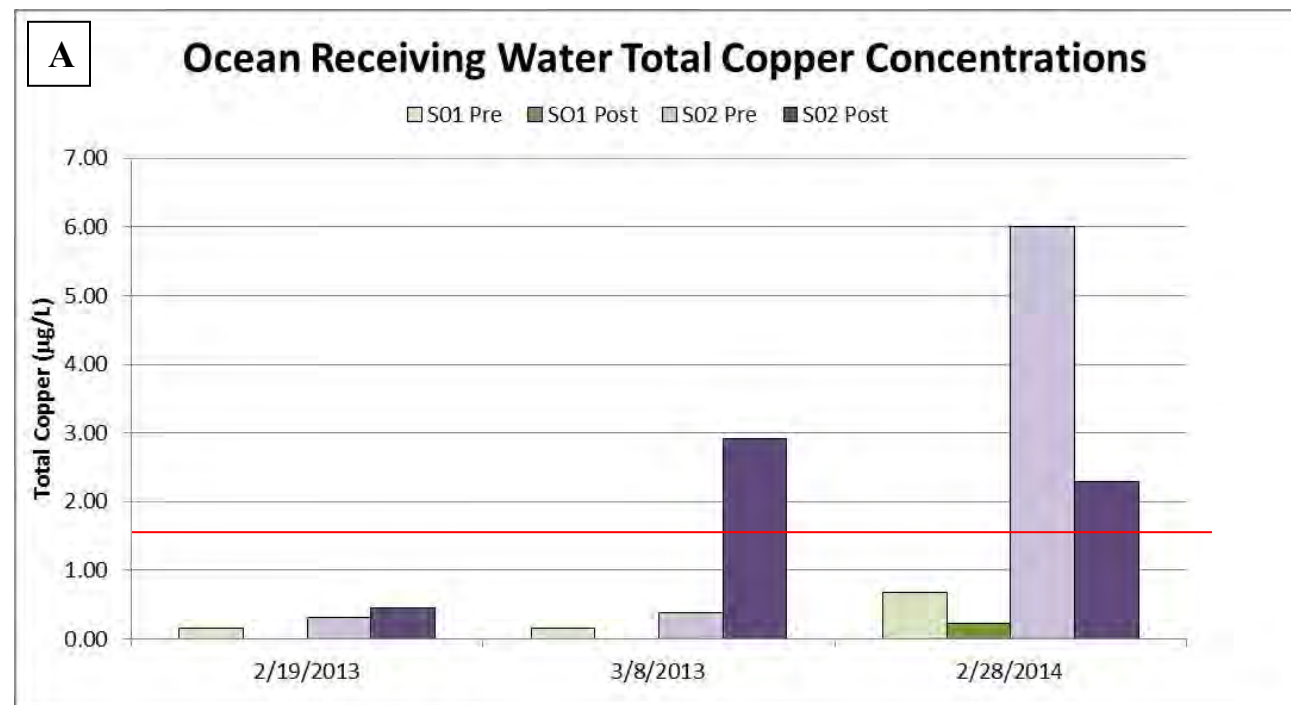
**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014**

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greater than their 85<sup>th</sup> percentile values. Post-storm metals concentrations for Storm 2 at S02 were greater than pre-storm concentrations with the exception of silver, which was estimated at 0.01 µg/L in the pre-storm sample and was less than the detection limit of 0.01 µg/L in the post-storm sample. The post-storm arsenic concentration was nearly the same as the pre-storm concentration, whereas post-storm concentrations of the remaining metals ranged from 1.4 times the pre-storm concentration for zinc to 7.7 times the pre-storm concentration for copper.

During Storm 3 at SO1, silver and selenium were measured above the 85<sup>th</sup> percentile reference threshold value during pre-storm monitoring, whereas mercury, silver, and zinc were above 85<sup>th</sup> percentile values during post-storm monitoring. Post-storm concentrations of zinc, mercury, and silver were measured above reference threshold criteria and were also above pre-storm concentrations.

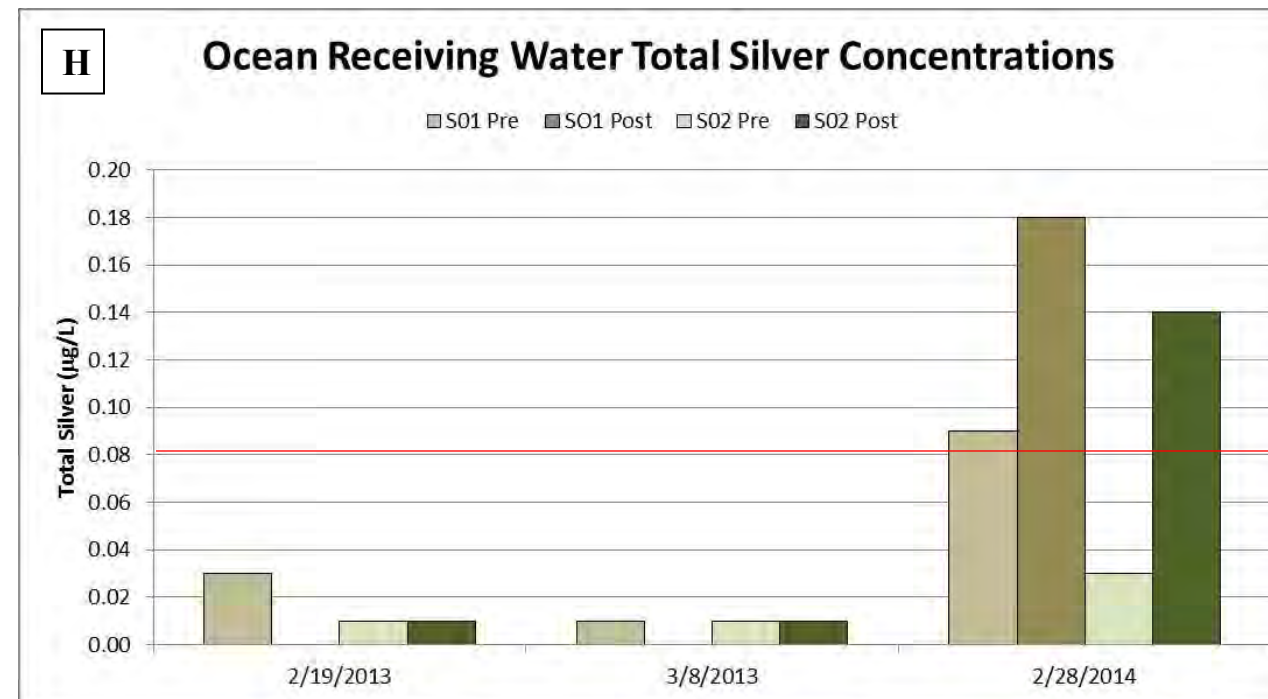
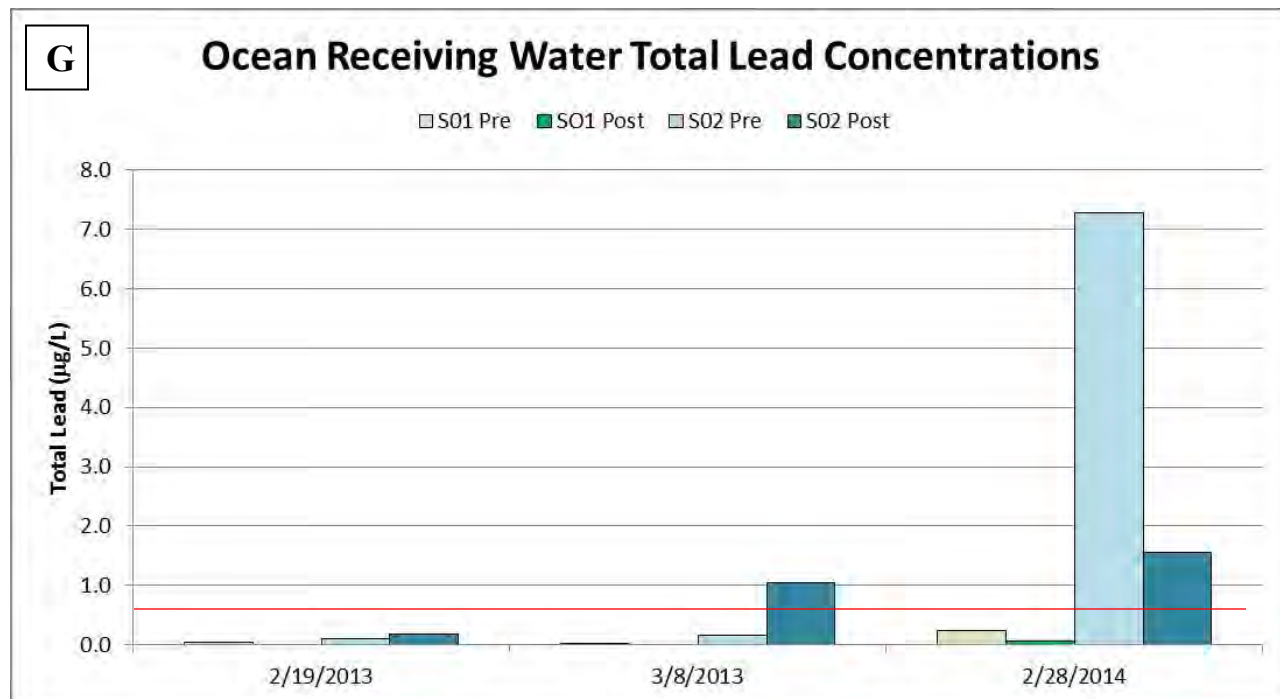
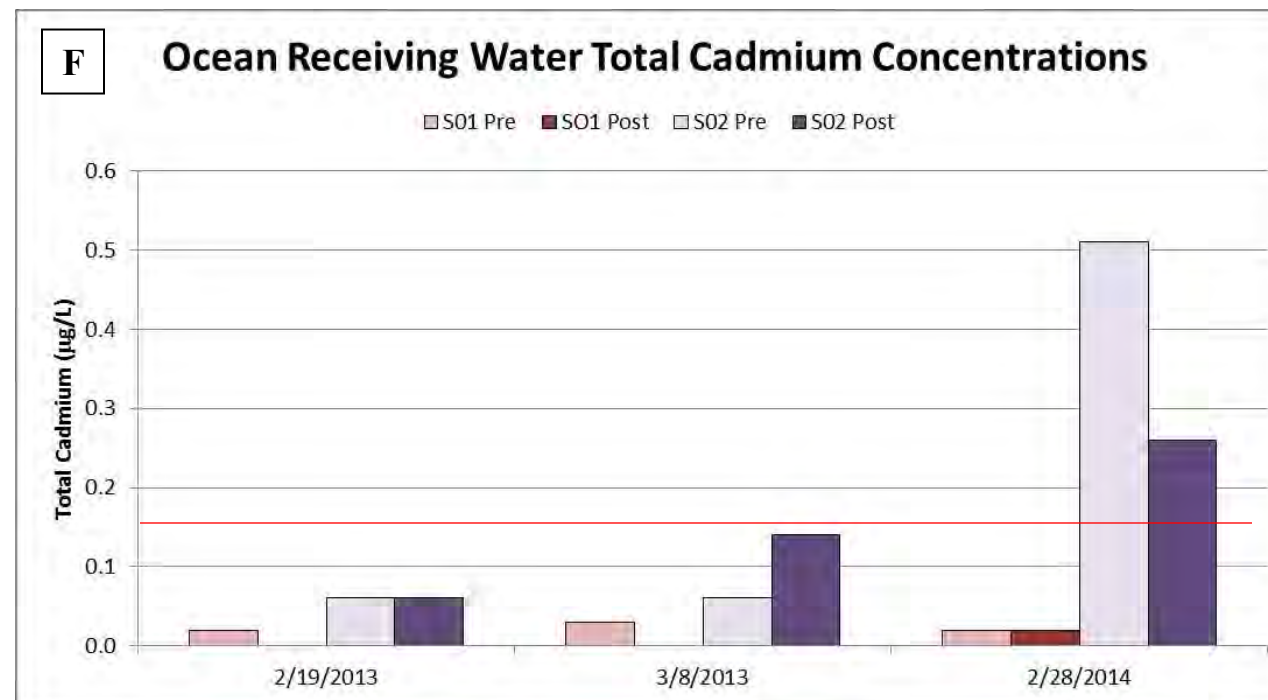
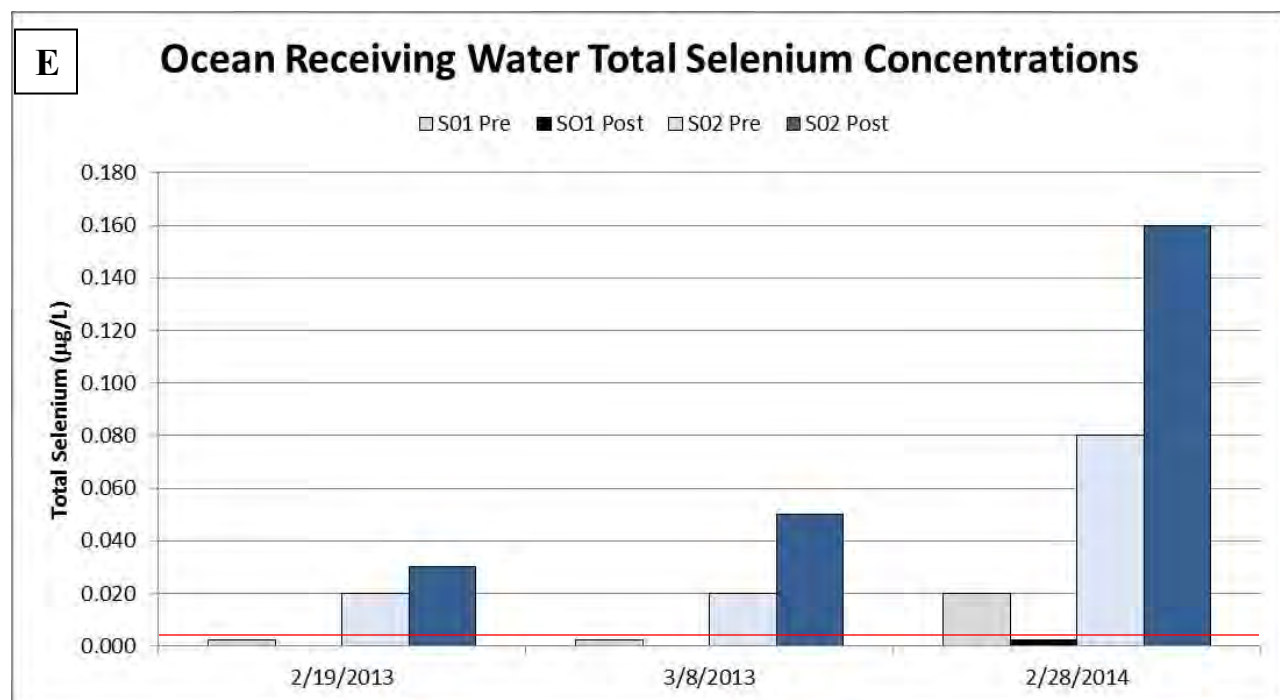
At SO2, all analyzed metals, with the exception of mercury, silver, and zinc had pre-storm and post-storm concentrations that were above the 85<sup>th</sup> percentile reference threshold values during Storm 3. SO2 pre-storm concentrations of arsenic, cadmium, chromium, copper, lead, nickel, and zinc were higher than post-storm concentrations. Post-storm concentrations of mercury, selenium, and silver were measured above reference threshold criteria and were also above pre-storm concentrations. The pre-storm concentration of chromium at SO2 was the only metal during any of the storm events that was measured above the COP I<sub>max</sub> value.



--- indicates 85<sup>th</sup> percentile reference threshold value

Figure 3-6. Total Copper (A), Zinc (B), Chromium (C), and Nickel (D) Concentrations in Ocean Receiving Water Samples





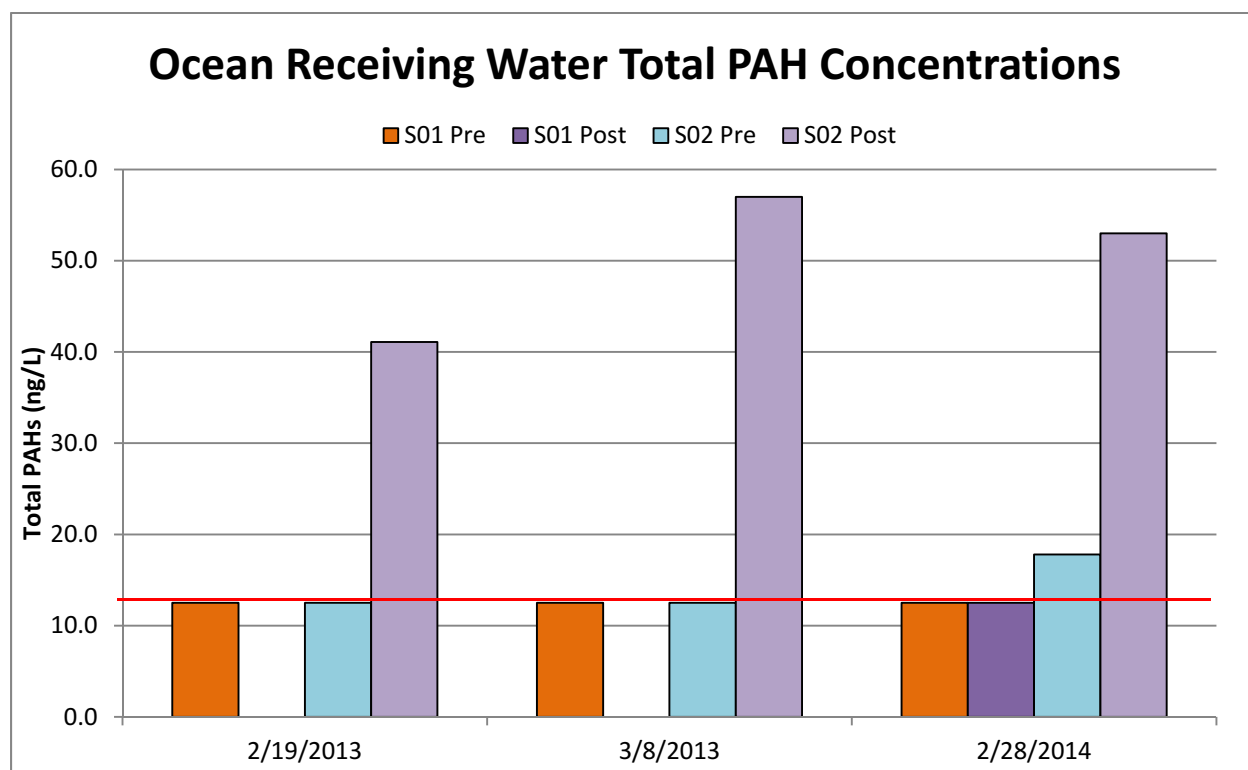
--- indicates 85<sup>th</sup> percentile reference threshold value

Figure 3-7. Total Arsenic (E), Cadmium (F), Lead (G) and Silver (H) Concentrations in Ocean Receiving Water Samples



### 3.2.4 Polynuclear Aromatic Hydrocarbons

PAH concentrations were below the detection limit of 1 ng/L for 24 out of 25 analyzed PAHs during Storm 1 post-storm sampling at SO2. Seven PAHs (out of 25 that were analyzed) were detected in the post-storm sample from SO2 during Storm 2. In post-storm sampling during Storm 3, 4 different PAHs were detected in the ocean receiving water at SO1 and 17 different PAHs were detected in the ocean receiving water at SO2. Total PAH concentrations are presented in Figure 3-8 for each storm event. Because there was no flow from the linked storm drain outfall at SO1, post-storm samples were not collected in the ocean receiving water during Storms 1 and 2. Total PAH concentrations were greater than the 85<sup>th</sup> percentile reference threshold value (12.5 ng/L) at SO2 during Storms 1, 2, and 3. Pre-storm total PAH concentrations at SO2 during Storm 3 also exceeded the reference threshold value. The California Ocean Plan does not provide a total PAHs WQO for the protection of marine aquatic life. It should be noted that detected values that were below the reporting limit were summed as half the detection limit for comparison against the 85<sup>th</sup> percentile reference threshold.



--- indicates 85<sup>th</sup> percentile reference threshold value

**Figure 3-8. Total PAH Concentrations in Ocean Receiving Water**

### 3.2.5 Organophosphorus Pesticides

Pre-storm and post-storm concentrations of organophosphorus pesticides were below the detection limit of 2 ng/L during all three of the monitored storm events. The 85<sup>th</sup> percentile reference threshold value for total organophosphorus pesticides (6.0 ng/L) was not exceeded

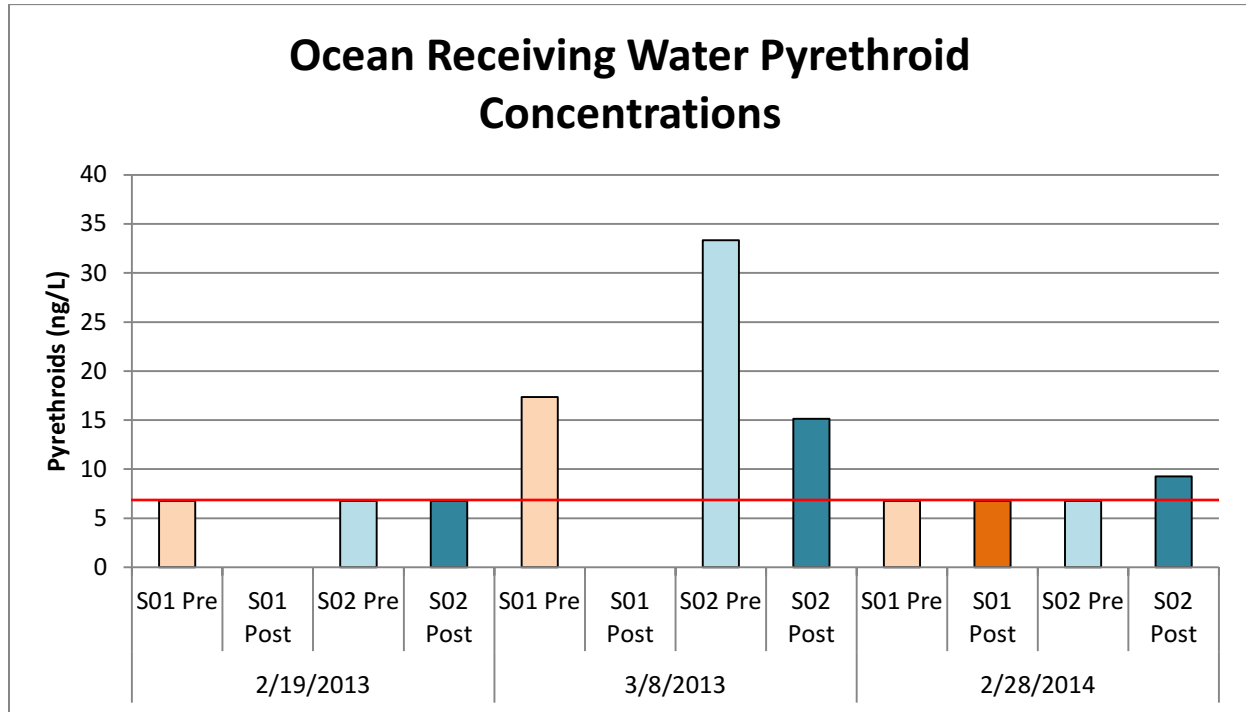
during any of the monitored storm events. There are no California Ocean Plan I<sub>max</sub> values for OP pesticides.

### 3.2.6 Synthetic Pyrethroids

The synthetic pyrethroids bifenthrin, deltamethrin/tralomethrin, and esfenvalerate were detected in one or more ocean receiving water samples. Pyrethroids were either not detected or were detected at concentrations between the detection limit and the reporting limit during Storm 1. During Storm 2, bifenthrin was detected in the S02 post-storm sample and deltamethrin/tralomethrin was detected in the S01 and S02 pre-storm samples, whereas during Storm 3, bifenthrin was the only pyrethroid detected (post-storm sample at SO2).

The 85<sup>th</sup> percentile reference threshold value for total pyrethroids is 6.75 ng/L and there are no established California Ocean Plan I<sub>max</sub> values for synthetic pyrethroids. Estimated concentrations (J-flagged values) were summed in the same fashion as non-detect values at ½ the detection limit for the purpose of comparing to the 85<sup>th</sup> percentile reference threshold. The post-storm concentration of total pyrethroids at SO2 during Storm 1 was at the 6.75 ng/L threshold value since esfenvalerate was the only pyrethroid detected and was at a concentration below the reporting limit. During Storm 2, pre-storm concentrations of total pyrethroids at SO1 and SO2 and the post-storm concentration at SO2 were each above the reference threshold value of 6.75 ng/L. However, the post-storm concentration of total pyrethroids during Storm 2 at SO2 (15.2 ng/L) was less than the pre-storm concentration (33.4 ng/L). During Storm 3, no pyrethroids were detected in pre-storm samples collected at SO1 and SO2 or post-storm samples at SO1. Bifenthrin was detected in the post-storm sample at SO2 during Storm 3 which elevated the total pyrethroids concentration above the reference threshold value. Total pyrethroid concentrations are presented in Figure 3-9.

Toxicity studies have been performed on the effects of bifenthrin, deltamethrin/tralomethrin, and esfenvalerate exposures to marine invertebrate species. An LC<sub>50</sub> value of 3.97 ng/L has been derived for the mysid shrimp (*Americamysis bahia*) in exposures to bifenthrin (USEPA, 2013). A bifenthrin concentration of 8.4 ng/L (approximately two times greater than the LC<sub>50</sub> value), was measured in the Storm 2 S02 post-storm sample. LC<sub>50</sub> values for mysids exposed to deltamethrin range from 1.7 to 3.7 ng/L (USEPA, 2013). Deltamethrin/tralomethrin concentrations of 10.6 and 26.6 ng/L were measured in the Storm 2 pre-storm samples from S01 and S02, respectively. These concentrations are approximately six to seven times the LC<sub>50</sub> value. No data related to mysid mortality are available for esfenvalerate; however, an LC<sub>50</sub> value of 60 ng/L has been derived for the marine grass shrimp *Palaemonetes pugio* (USEPA, 2013). Esfenvalerate concentrations were detected in the Storm 1 pre-storm sample from S01 and the Storm 1 post-storm sample from S02. Both concentrations were estimated values that were between the detection limit and the reporting limit, and were well below 60 ng/L LC<sub>50</sub> value.



--- indicates 85<sup>th</sup> percentile reference threshold value for total pyrethroids

Figure 3-9. Pyrethroid Concentrations in Ocean Receiving Water

### 3.2.7 Toxicity

Toxicity samples were collected during or immediately following each storm from each ocean receiving water location while runoff from the outfall pipe was still flowing to the receiving water. However, no post-storm samples were collected at S01 during Storm 1 and Storm 2 because the flow from outfall ASBS-016 never reached the receiving water. Post-storm samples were collected at S01 during Storm 3 and at S02 during Storms 1, 2, and 3 (Table 3-7). Ocean receiving water monitoring toxicity testing consisted of *M. galloprovincialis* development, *S. purpuratus* (sea urchin) fertilization, and *M. pyrifera* (kelp) germination and growth tests. A summary of toxicity results is presented in Table 3-7.

Results indicate that slight toxicity to *S. purpuratus* fertilization and *M. pyrifera* germination and growth was observed in Storm 1 post-storm samples from S02. The *M. pyrifera* germination tests resulted in a NOEC of 50 and a TUC value of 2. The *S. purpuratus* fertilization and *M. pyrifera* growth tests resulted in NOECs of 25% and TUC values of 4. EC<sub>25</sub> and EC<sub>50</sub> values were greater than 100% test substance for each of these toxicity tests. No toxicity was observed in Storm 2 post-storm samples from S02. No toxicity was observed in Storm 3 samples from S01 or from S02.

**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014****Table 3-7. Summary of Ocean Receiving Water Monitoring Toxicity Results for  
Post-Storm Samples**

Outfall	Storm Date	Toxicity Test	NOEC (%)	LOEC (%)	EC <sub>25</sub> (%)	EC <sub>50</sub> (%)	TU <sub>c</sub>
ASBS-SO1	<b>Storm 3</b> (February 28, 2014)	Bivalve development	100	>100	>100	>100	1
		Sea Urchin Fertilization	100	>100	>100	>100	1
		Kelp Germination	100	>100	>100	>100	1
		Kelp Growth	100	>100	>100	>100	1
ASBS-SO2	<b>Storm 1</b> (February 19, 2013)	Bivalve development	100	>100	>100	>100	1
		Sea Urchin Fertilization	25	50	>100	>100	4
		Kelp Germination	50	100	>100	>100	2
		Kelp Growth	25	50	>100	>100	4
	<b>Storm 2</b> (March 8, 2013)	Bivalve development	100	>100	>100	>100	1
		Sea Urchin Fertilization	100	>100	>100	>100	1
		Kelp Germination	100	>100	>100	>100	1
		Kelp Growth	100	>100	>100	>100	1
	<b>Storm 3</b> (February 28, 2014)	Bivalve development	100	>100	>100	>100	1
		Sea Urchin Fertilization	100	>100	>100	>100	1
		Kelp Germination	100	>100	>100	>100	1
		Kelp Growth	100	>100	>100	>100	1

Grey shading indicates potential toxicity.

NOEC = no observed effect concentration.

LOEC = lowest observed effect concentration.

EC<sub>25</sub> = concentration producing a 25% response.EC<sub>50</sub> = concentration producing a 50% response, or median lethal concentration.

### 3.3 Flow Modeling and Pollutant Load Calculations

Flow modeling was performed for each of the monitored outfalls for which flow was observed exiting the outfall pipe onto the beach. During smaller storm events (Storm 1 and Storm 2), storm water from some outfalls likely never reaches the ocean receiving water and instead pools on the sand at the base of the outfall. This scenario occurred predominantly at the outfall located along Zuma Beach and Westward Beach during Storm 1 and Storm 2. During larger storm events, such as Storm 3, it is possible that storm water from each of the outfall pipes, with the exception of outfall ASBS-031, which never flowed during any events, reaches the receiving water. Table 3-8 indicates which storm water outfalls were observed flowing to the ocean at the time of sampling during each monitored event.

**Table 3-8. Flow Status of Outfalls during Sampling**

Location	Outfall	Did flow reach receiving water?		
		Storm 1	Storm 2	Storm 3
		2/19/2013	3/8/2013	2/28/2014
Broad Beach	ASBS-001	Yes	Yes	Yes
	ASBS-002	Yes	Yes	Yes
	ASBS-003	Yes	Yes	Yes
Zuma Beach	ASBS-004	Yes	No	Yes
	ASBS-005	No	No	Yes
	ASBS-008	unknown	No	unknown
	ASBS-011	No	No	No
	ASBS-013	No	No	No
	ASBS-016	No	No	Yes
Westward Beach	ASBS-018	No	No	No
	ASBS-021	No	Yes	Yes
	ASBS-022	No	No	Yes
	ASBS-023	No	No	No
Escondido Beach	ASBS-024	No	No	Yes
	ASBS-025	Yes	Yes	Yes
	ASBS-026	Yes	Yes	Yes
	ASBS-027	Yes	No	Yes
	ASBS-028	Yes	Yes	Yes
	ASBS-029	Yes	No	Yes
Nicholas Beach	ASBS-030	No	No	Yes
	ASBS-031	No	No	No

Modeling was used to estimate flow volumes from each outfall pipe during the three monitored storm events (Table 3-9). Actual flows were measured at two of the largest outfalls and were used to calibrate the flow model. As mentioned above, because not all storm water effluent reached the receiving water, the flows shown in Table 3-9 are representative of flow that reached the beach but not necessarily the receiving water. Large sand berms in front of the outfalls along Zuma Beach and Westward Beach prevented storm water effluent from smaller events from

**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014**

reaching the receiving water. In general, flow was approximately one order of magnitude higher during Storm 2 than during Storm 1 across all monitored storm drains. Storm 3 had the largest flows of any of the monitored events. Flows during Storm 3 were generally between 1.5 and 3 orders of magnitude higher than Storm 1 flows, and between 0.5 and 2 orders of magnitude higher than flows during Storm 2.

**Table 3-9. Estimated Flow Volumes for All Monitored Outfalls during Each Storm Event**

Location	Outfall	Flow Measurement	Total Volume (cf)		
			Storm 1	Storm 2	Storm 3
			2/19/2013	3/8/2013	2/28/2014
Broad Beach	ASBS-001	Modeled	598	6,090	36,127
	ASBS-002	Modeled	452	4,011	35,158
	ASBS-003	Modeled	1,082	8,071	78,539
Zuma Beach	ASBS-004	Modeled	207	1,962	27,600
	ASBS-005	Modeled	850	7,605	73,895
	ASBS-008	Modeled	Not monitored	9,906	Not monitored
	ASBS-011	Modeled	4,436	41,625	250,516
	ASBS-013	Modeled	0*	0*	28,972
	ASBS-016	Modeled	1,675	17,263	97,065
		Monitored	0*	17,023	96,999
ASBS-018	Modeled	81	1,059	25,626	
Westward Beach	ASBS-021	Modeled	4,462	41,400	196,481
	ASBS-022	Modeled	72	568	45,105
	ASBS-023	Modeled	147	1,509	46,718
	ASBS-024	Modeled	354	3,457	89,522
Escondido Beach	ASBS-025	Modeled	7	58	2,118
	ASBS-026	Modeled	44	425	6,882
	ASBS-027	Modeled	593	5,413	57,127
	ASBS-028	Modeled	591	6,442	99,483
		Monitored	991	5,877	99,560
	ASBS-029	Modeled	166	1,617	12,699
ASBS-030	Modeled	81	645	22,651	
Nicholas Beach	ASBS-031	Modeled	0*	0*	0*

\*Field observations indicated no flow occurred.

As described in the Flow Monitoring Methods Section (Section 2.3.5), flow monitoring equipment stationed in outfalls ASBS-016 and ASBS-028 provided data and a method to compare flow computed by Chézy–Manning formula (Manning Calc.)(based on water level and pipe geometry, slope, and roughness) to flows computed by the area-velocity calculation (AV Calc.)(based on velocity sensor data and the area of flow. Graphs of AV Calc. flows versus Manning’s Calc. flows for each storm event at these two monitored outfalls are shown in Figure 3-10 and Figure 3-11. The different methods of computing flow resulted in fairly similar peak flow rates, which indicates that the monitoring equipment deployed and methodologies utilized

***Malibu ASBS Special Protections Monitoring  
Final Report******November 2014***

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accurately measured the flows discharged from the pipes during the storm events. In general, the consistency and accuracy of velocity sensor varies throughout storm events. For this reason, the Manning Calc. method, as opposed to AV Calc. method, were used to compute total storm volumes for the monitored sites.



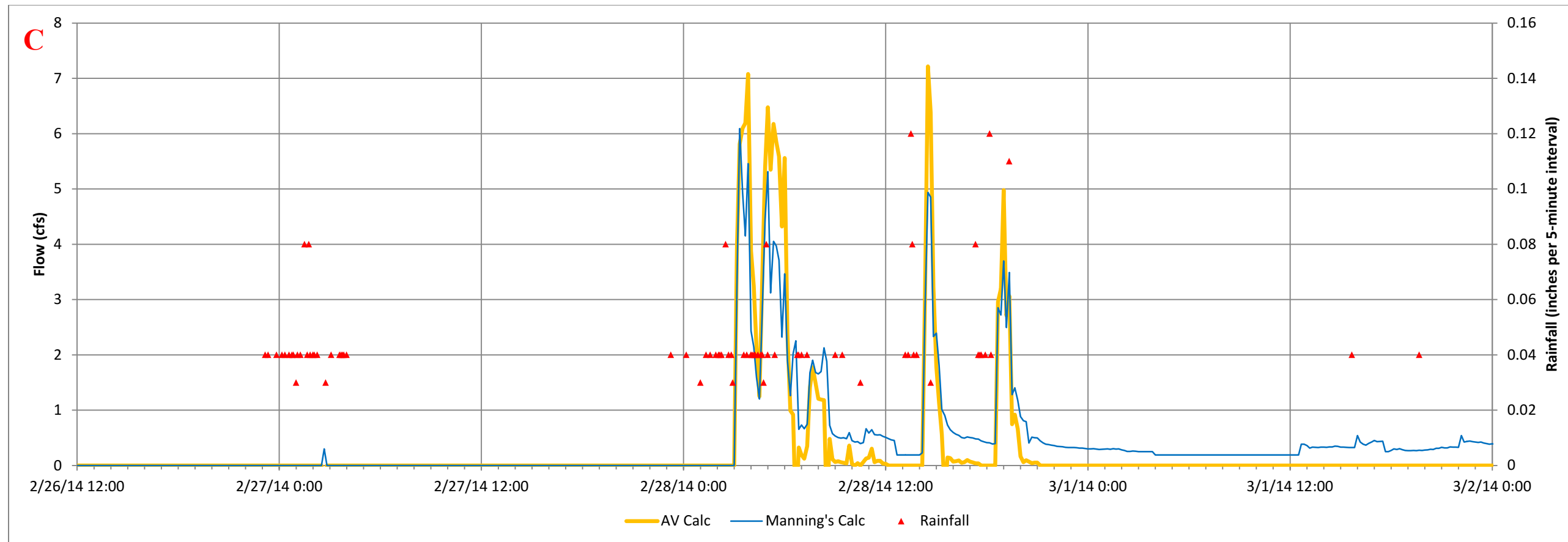
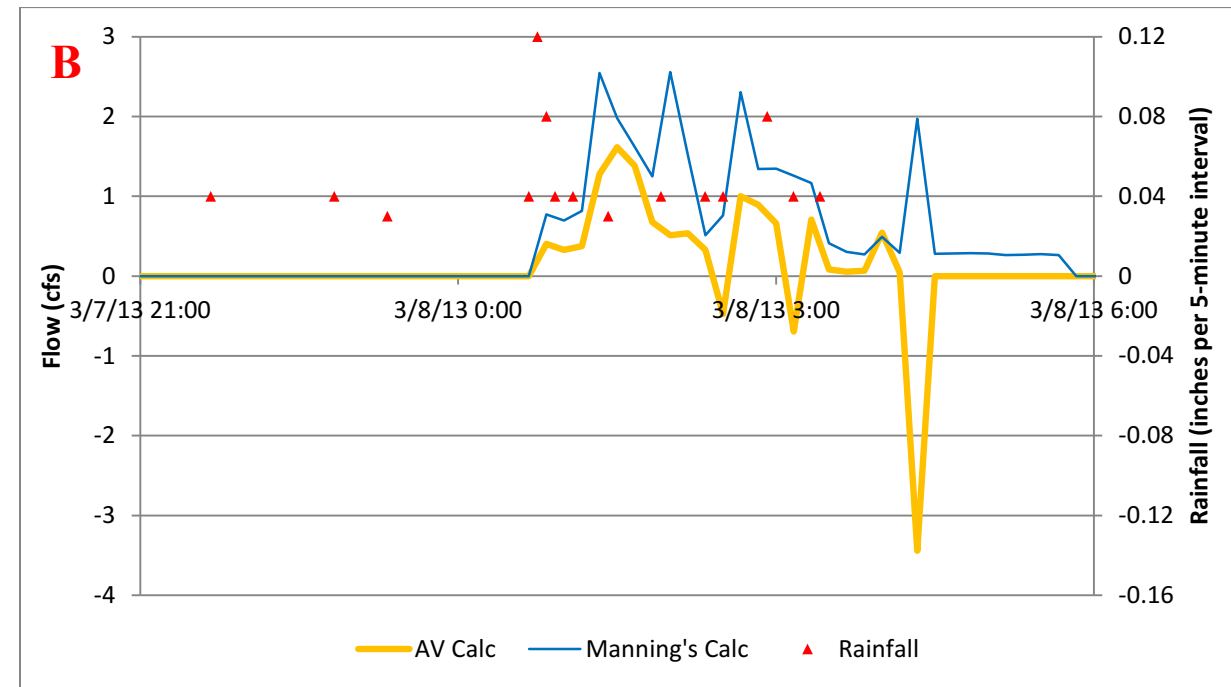
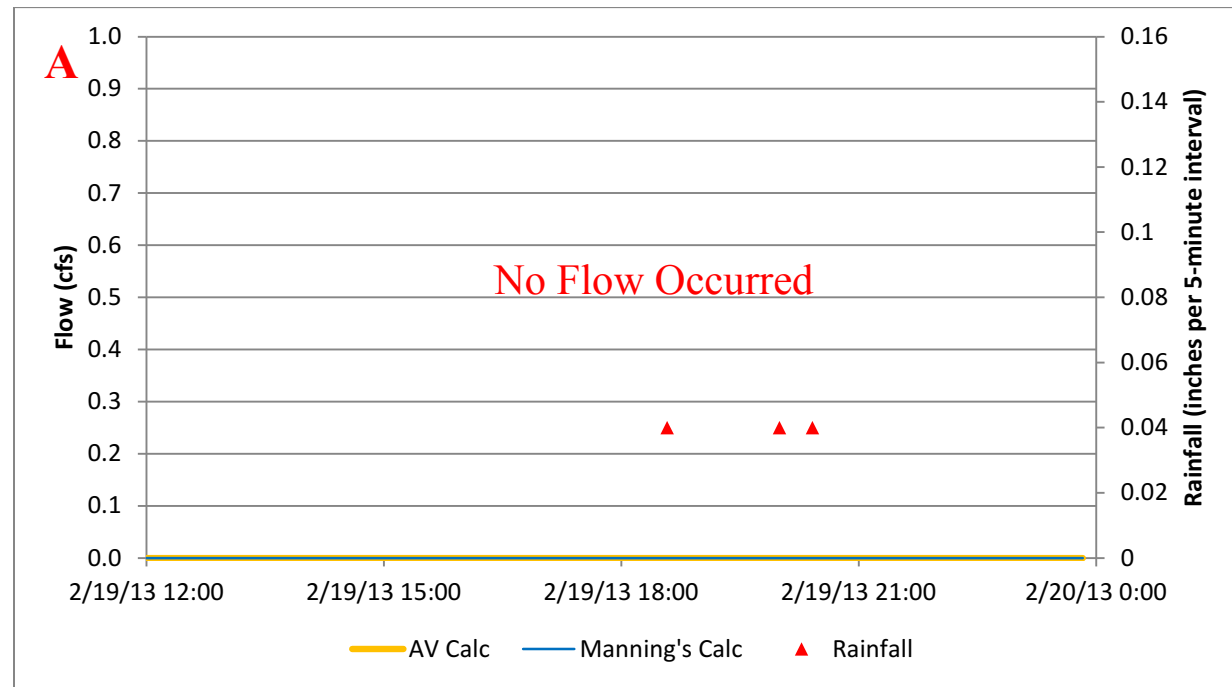


Figure 3-10. Comparison of Manning Calc. and AV Calc. at Station ASBS-016 during Storms 1 (A), 2 (B), and 3 (C)

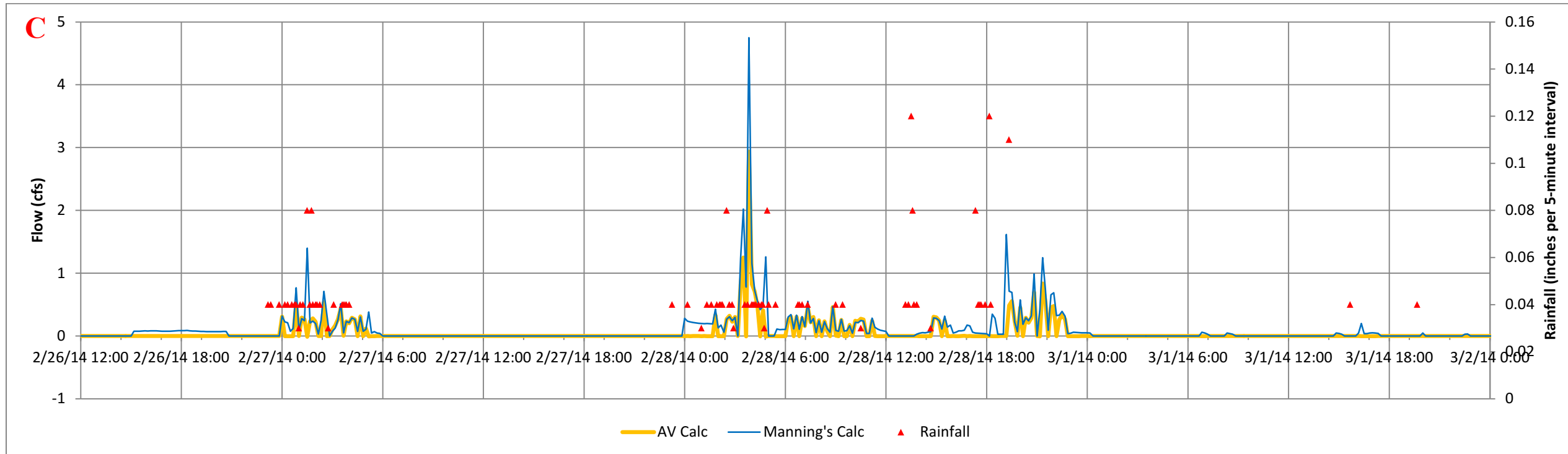
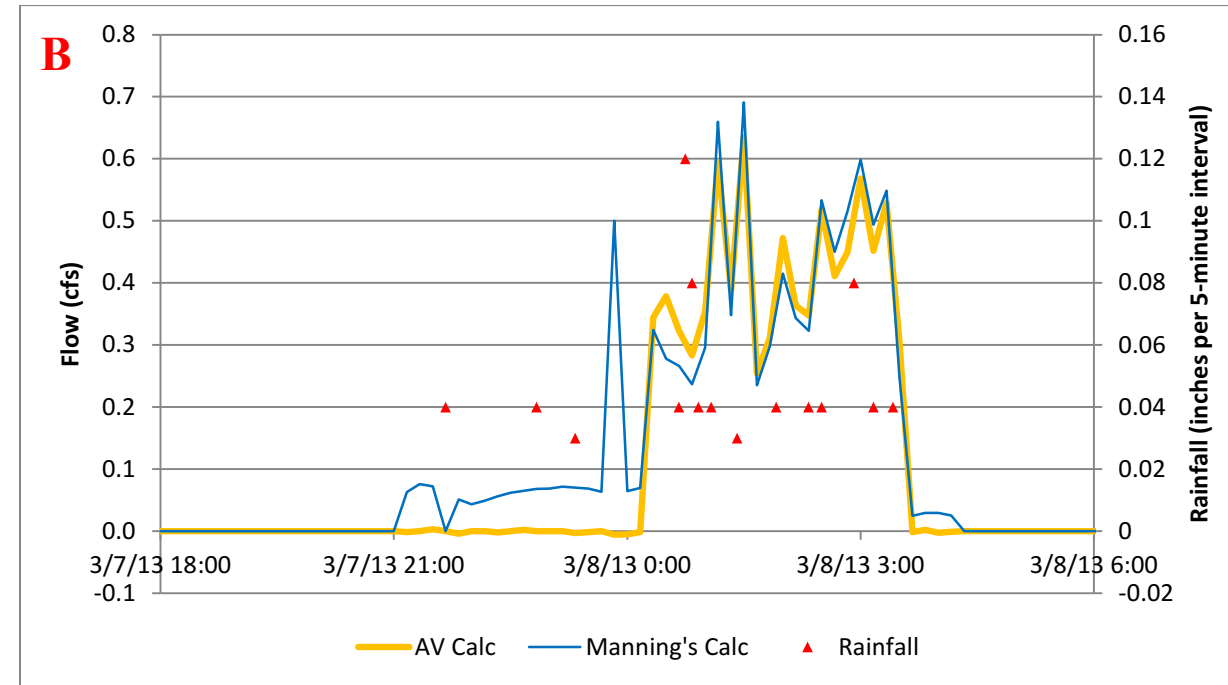
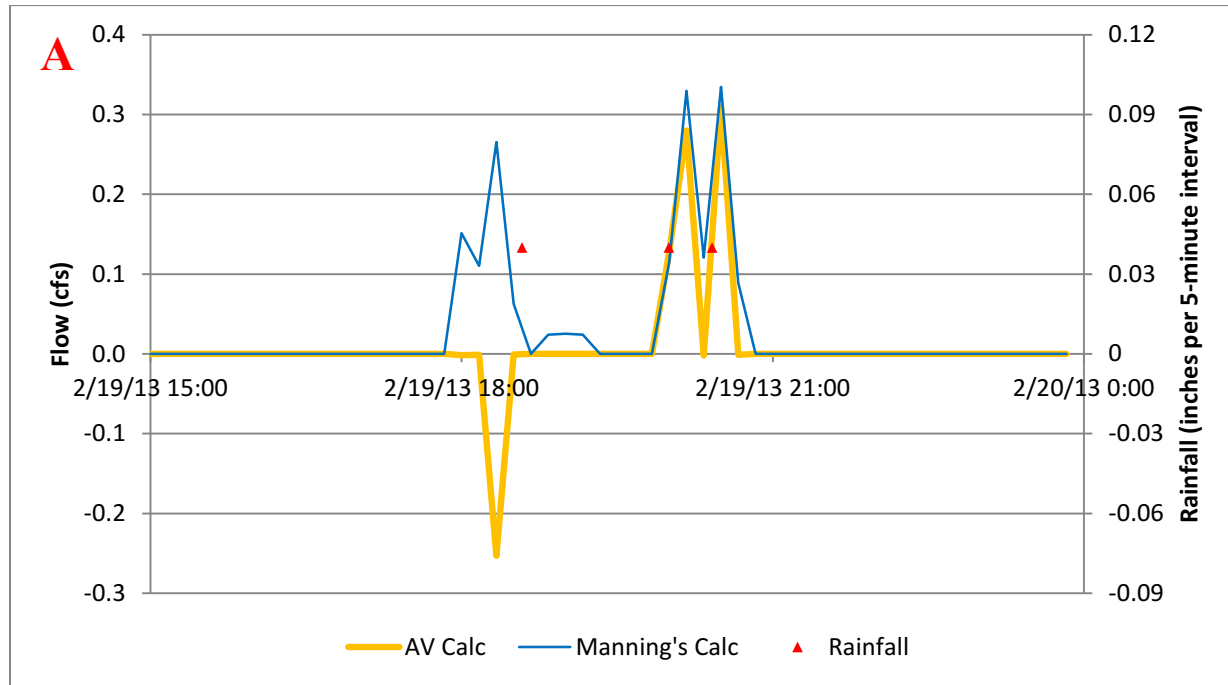


Figure 3-11. Comparison of Manning Calc. and AV Calc. at Station ASBS-028 during Storms 1 (A), 2 (B), and 3 (C)

***Flow at ASBS-016***

No flow was recorded at ASBS-016 during Storm 1, possibly due to a debris dam upstream of the storm drain's outfall on Zuma Beach. During Storm 2, the monitored flow lagged behind the modeled flow, likely as a result of the presumed debris dam. In general, however, the modeled flow during Storm 2 was fairly predictive of actual recorded flow during this relatively small rain event. Toward the end of Storm 2, negative flow was recorded, likely as a result of the water level falling below the instrument's ability to accurately measure flow. The area velocity sensors used to monitor flow for this project are highly accurate for medium to large rain events, but can become inaccurate at the end of a storm event if the water level at the sensor falls below 0.25 inches. During Storm 3, the monitored flow and the modeled flows were closely aligned, following an adjustment to the model to correct for runoff from pervious areas. Three large peaks in flow were recorded during this event, which spanned nearly 20 hours. The maximum flow during Storm 3 was over 7.0 cfs, recorded at approximately 14:00 on February 28, 2014.

***Flow at ASBS-028***

Monitored flow closely mirrored actual flow during most of Storm 1. Negative flow was recorded briefly at start of the storm event, likely as a result of the water level being right at the sensor's detection limit (0.25 inches in depth). Peak flows of approximately 0.3 cfs occurred during Storm 1 between 19:00 and 21:00 on February 19, 2013. During Storm 2, the monitored flow initially lagged behind the modeled flow, but then mirrored the modeled flow almost exactly for the remainder of the storm event. Flow during Storm 2 peaked at approximately 0.65 cfs between 01:00 and 02:00 on March 8, 2013. Similar to Storm 2, the actual flow during Storm 3 did not begin at the same time as the modeled flow. This could be a function of the sensor not detecting the initial flow due to low water depth in the storm drain. However, the monitored flow did align well with the modeled flow (following the calibration adjustment for pervious runoff) approximately two hours after the initial rainfall began. Actual flow peaked at 3.0 cfs at approximately 03:00 on February 28, 2014.

***Estimated Flow at Unmonitored Outfalls***

As described in Section 2.3.5, flow was estimated using the WMMS for sampled outfalls where monitoring equipment was not installed. For the first two events that resulted in total rainfall of 0.12 inches (Storm 1) and 0.74 inches (Storm 2), the WMMS output generally matched the monitored data at outfalls ASBS-016 and ASBS-028. As a result, the WMMS model was used without any calibration to model Storm 1 and Storm 2 at the 18 other outfalls for which flow monitoring equipment was not installed. Storm 3, which was considered a large storm (a total of 2.27 inches of rain was recorded in Malibu), the WMMS significantly underestimated both peak flow rates and total flow volumes for both ASBS-016 and ASBS-028 due to inappropriately estimating the runoff with the pervious areas of each drainage area. As a result, the WMMS output data was corrected to better represent the flows measured at these outfalls. The correction included applying a more accurate runoff coefficient to the pervious areas of each drainage area (runoff coefficient of 5.3% and 29% depending upon the acreage of pervious land. For more detailed information on the calibration process associated with Storm 3 see Section 2.3.5. Graphs of modeled flows for each outfall are provided in Appendix E.

**Pollutant Load Estimates**

Pollutant load estimates were calculated for each outfall based upon measured constituent concentrations and modeled flow estimates. Load tables were provided for each of the four beaches in which flow occurred (Table 3-10, Table 3-11, Table 3-12, and Table 3-13). No flow

**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014**

occurred at Nicholas Beach outfall ASBS-031 during any of the storm events, so there was no load calculated. Outfalls that did not flow during a given storm event were not included in the load tables for that event. Because it was difficult to determine what percentage of the total flow actually reached the receiving water, the load estimates presented in the load tables are representative of the potential load to the ASBS rather than the actual load to the ASBS. If flow from a given outfall was observed to be ponded and there was no evidence of that flow reaching the receiving water, the pollutant load entering the receiving water was considered to be zero (calculated loads in Table 3-10 through Table 3-13 were shaded and italicized to indicate load did not reach receiving water). Pollutant loads of TSS and oil and grease were calculated for storm water outfalls less than 36 inches in diameter, whereas pollutant loads for constituents listed in Table B of the Ocean Plan were estimated for stormwater outfalls that were 36 inches or greater in diameter.

***Broad Beach***

Flow from the three monitored outfalls along Broad Beach reached the receiving water during each of the three storm events (Table 3-10). Pollutant loads at the largest outfall (ASBS-003) were higher by nearly an order of magnitude during Storm 3 than during Storms 1 and 2, due to the much greater flow volume. ASBS-001 and ASBS-002 had relatively low oil and grease and TSS loads during Storm 1. During Storm 2, TSS loads increased by nearly an order of magnitude across all three outfalls and oil and grease increased substantially at ASBS-001. Metal concentrations were approximately one order of magnitude higher during Storm 2 than during Storm 1 at ASBS-003. TSS and oil and grease loads were substantially higher during Storm 3 than during Storm 2 at ASBS-002 and ASBS-003, but were lower at ASBS-001 than during the previous event. The total TSS load at ASBS-003 was 11,331 grams (g), which was approximately 38 and 140 times higher than the TSS load at ASBS-002 and ASBS-001, respectively.

***Zuma Beach***

ASBS-004 was the only monitored outfall along Zuma Beach that flowed to the ocean receiving water during Storm 1. During Storm 2, no storm water effluent reached the ocean receiving water from any of the Zuma Beach outfalls. Storm water effluent did flow from most of the monitored outfalls along Zuma Beach during these first two storm events, but the effluent became ponded once it reached the beach and did not flow to the receiving water. Only trace amounts of TSS and oil and grease entered the receiving water during Storm 1 from ASBS-004. Calculated loads from the other flowing outfalls during Storm 1 and Storm 2 that reached the beach but not the receiving water were all relatively small with the exception of the load from ASBS-016 during Storm 2, which had moderate TSS and metals loads.

During Storm 3, three of the seven monitored outfalls (ASBS-004, ASBS-005, and ASBS-016) had flow that reached the receiving water (Table 3-11). Storm 3 pollutant loads at ASBS-016 were higher than loads from ASBS-004 and ASBS-005 for all measured constituents. The TSS load at ASBS-016 during Storm 3 was approximately two and four times higher than the TSS loads at ASBS-005 and ASBS-004, respectively. In general, metals and ammonia loads at ASBS-016 during Storm 3 were approximately two times higher than metals loads at ASBS-005.

Table 3-10. Calculated Load Estimates of Constituents Listed in Table B of California Ocean Plan for Outfalls Occurring Along Broad Beach

Parameter	Units	Broad Beach Outfalls								
		Storm 1- 2/19/13			Storm 2- 3/8/13			Storm 3- 2/28/14		
		ASBS-001	ASBS-002	ASBS-003	ASBS-001	ASBS-002	ASBS-003	ASBS-001	ASBS-002	ASBS-003
Total Flow	cubic ft	598	452	1,082	6,090	4,011	8,071	36,127	35,158	78,539
Ammonia as N	g			0.05			0.48			11.01
Oil and Grease	g	0.02	0.02	0.05	38.13	0.06	0.25	0.51	0.50	5.56
TSS	g	4.58	0.69	17.89	91.57	5.99	72.15	81.02	294.69	11331.22
<b>Total Metals</b>										
Arsenic	g			0.07			0.57			20.20
Cadmium	g			0.01			0.16			8.50
Chromium	g			0.31			5.46			167.58
Copper	g			1.95			9.50			243.89
Lead	g			0.43			4.53			159.64
Mercury	g			0.00			0.01			0.00
Nickel	g			0.35			5.10			202.63
Selenium	g			0.02			0.08			0.74
Silver	g			0.00			0.00			0.38
Zinc	g			4.33			32.62			1011.53
Did Flow Reach Receiving Water?		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table 3-11. Calculated Load Estimates of Constituents Listed in Table B of California Ocean Plan for Outfalls Occurring Along Zuma Beach

Parameter	Units	Zuma Beach Outfalls															
		Storm 1- 2/19/13				Storm 2- 3/8/13				Storm 3- 2/28/14							
		ASBS-004	ASBS-005	ASBS-011	ASBS-018	ASBS-004	ASBS-005	ASBS-008	ASBS-011	ASBS-016	ASBS-018	ASBS-004	ASBS-005	ASBS-011	ASBS-013	ASBS-016	ASBS-018
Total Flow	cubic ft	207	850	4,436	81	1,962	7,605	9,906	41,625	17,023	1,059	27,600	73,895	250,516	28,972	96,999	25,626
Ammonia as N	g		0.03				1.02			2.31			0.77			1.87	
Oil and Grease	g	0.02	0.04	0.06	0.00	4.63	0.11	0.14	0.59	0.24	0.01	0.39	1.05	3.55	0.41	1.37	0.36
TSS	g	1.66	4.49	0.23	0.17	0.97	7.99	32.37	0.29	376.96	1.74	463.46	1039.96	499.41	97.63	2205.62	40.13
<b>Total Metals</b>																	
Arsenic	g		0.04				0.31			1.80			3.75			7.55	
Cadmium	g		0.01				0.02			0.60			1.14			3.87	
Chromium	g		0.19				0.56			18.90			43.17			64.84	
Copper	g		0.73				5.85			16.33			58.49			82.14	
Lead	g		0.14				0.37			4.89			12.79			22.33	
Mercury	g		0.00				0.00			0.01			0.00			0.00	
Nickel	g		0.25				0.98			23.05			54.04			104.51	
Selenium	g		0.00				0.02			0.08			0.46			0.62	
Silver	g		0.00				0.01			0.00			0.17			0.27	
Zinc	g		3.10				22.54			60.36			205.83			415.17	
Did Flow Reach Receiving Water?		Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	No	No	Yes	No

*Shaded and italicized* values indicate that there was flow from the outfall and a chemistry sample was collected, however, flow was ponded at the beach and did not reach the ocean receiving water

### *Westward Beach*

Of the four monitored outfalls along Westward Beach, none flowed to the ocean receiving water during Storm 1, and only outfall ASBS-021 had flow that reached the receiving water during Storm 2. Pollutant loads from ASBS-021 during Storm 2 were calculated to be approximately 75 g TSS, 24 g copper, 12 g nickel, and 103 g zinc, based on the water sample chemistry concentrations and a total flow volume of 41,400 ft<sup>3</sup> (Table 3-12).

During Storm 3, three of the four monitored outfalls (ASBS-021, ASBS-022, and ASBS-024) had flow that reached the receiving water. Flow at ASBS-021 during Storm 3 was considerably higher than flow at ASBS-022 and ASBS-024. As a result, pollutant loads at ASBS-021 were also correspondingly higher than loads at the other outfalls for all measured constituents. The TSS load at ASBS-021 during Storm 3 was approximately 82 and 12 times higher than the TSS load at ASBS-022 and at ASBS-024, respectively. In general, metals loads at ASBS-021 during Storm 3 were between 2 and 15 times higher than metals loads at ASBS-022. The ammonia load was slightly higher at ASBS-021 than at ASBS-022, whereas oil and grease loads at ASBS-021 were two and four times higher than at ASBS-024 and ASBS-022.

### *Escondido Beach*

Of the six monitored outfalls along Escondido Beach, five flowed to the ocean receiving water during Storm 1, three flowed to the ocean receiving water during Storm 2, and six flowed to the ocean receiving water during Storm 3 (Table 3-13). Oil and grease loads and TSS loads were generally low across all outfalls during Storm 1 and Storm 2. Ammonia and metals loads were also low at ASBS-028 during Storm 1, but increased nearly two orders of magnitude during Storm 2 as flow increased from 991 ft<sup>3</sup> (Storm 1) to 5877 ft<sup>3</sup> (Storm 2).

During Storm 3, flow at ASBS-028 was considerably higher than flow at all other Escondido Beach outfalls. Despite this, the TSS load was slightly higher at ASBS-027 than at ASBS-028 and substantially higher than the TSS loads at the other Escondido Beach outfalls. The oil and grease load was approximately 25% higher at ASBS-028 than at ASBS-027, and was more than four times higher than the oil and grease load from all other outfalls. Although the ASBS-028 flow volume was approximately 17 times higher during Storm 3 than its flow volume during Storm 2, the TSS loads for the two storm events were nearly the same and pollutant loads for constituents such as copper and zinc were only two times higher during Storm 3 than during Storm 2. Cadmium, nickel, and chromium had slightly higher loads during Storm 2 than during Storm 3.

### *TSS Loads*

Pollutants typically become bound to particulates in storm water; therefore, it is important to understand which outfalls and storm events are associated with high levels of TSS, because these generally have the highest pollutant loads. TSS loads are presented in Figure 3-12 for each outfall that had flow reaching the ocean receiving water of the ASBS. Although the TSS value for ASBS-003 during Storm 3 was 11,331 g, the scale of Figure 3-12 ranged from 0 to 2500 g in order to retain the resolution needed for the smaller loads to be displayed. In general, the largest TSS loads occurred on Broad Beach and Zuma Beach at the larger outfalls, and on Westward Beach at ASBS-021. TSS loads at Escondido Beach were relatively small by comparison to the other beaches during Storm 3, a large storm event. However, ASBS-028 on Escondido Beach had the highest TSS load of any outfall during a smaller storm event (Storm 2).

Table 3-12. Calculated Load Estimates of Constituents Listed in Table B of California Ocean Plan for Outfalls Occurring Along Westward Beach

Parameter	Units	Westward Beach Outfalls											
		Storm 1- 2/19/13				Storm 2- 3/8/13				Storm 3- 2/28/14			
		ASBS-021	ASBS-022	ASBS-023	ASBS-024	ASBS-021	ASBS-022	ASBS-023	ASBS-024	ASBS-021	ASBS-022	ASBS-023	ASBS-024
Total Flow	cubic ft	4,462	72	147	354	41,400	568	1,509	3,457	196,481	45,105	46,718	89,522
Ammonia as N	g	0.10	0.00	0.00		0.67	0.02	0.03		2.39	1.93	0.01	
Oil and Grease	g	0.06	0.00	0.01	0.06	0.59	0.01	0.06	0.12	2.78	0.64	0.66	1.27
TSS	g	2.84	0.08	0.26	4.54	75.15	0.17	1.41	6.23	823.44	10.09	6.35	69.71
<b>Total Metals</b>													
Arsenic	g	0.15	0.00	0.01		2.50	0.04	0.09		19.60	4.77	6.26	
Cadmium	g	0.01	0.00	0.00		0.63	0.00	0.00		3.05	0.23	0.37	
Chromium	g	0.18	0.01	0.01		8.36	0.03	0.08		33.25	2.75	2.37	
Copper	g	1.44	0.17	1.11		24.01	0.56	5.00		139.39	71.66	112.34	
Lead	g	0.17	0.01	0.02		4.62	0.02	0.16		31.86	2.69	0.71	
Mercury	g	0.00	0.00	0.00		0.02	0.00	0.00		0.00	0.00	0.00	
Nickel	g	0.35	0.01	0.03		12.28	0.03	0.15		50.73	6.10	11.65	
Selenium	g	0.02	0.00	0.00		0.09	0.01	0.01		1.77	1.56	6.75	
Silver	g	0.00	0.00	0.00		0.09	0.00	0.00		0.39	0.27	0.08	
Zinc	g	7.63	0.28	1.12		103.39	0.67	6.74		518.93	123.90	263.31	
Did Flow Reach Receiving Water?		No	No	No	No	Yes	No	No	No	Yes	Yes	No	Yes

Shaded and italicized values indicate that there was flow from the outfall and a chemistry sample was collected, however, flow was ponded at the beach and did not reach the ocean receiving water

Table 3-13. Calculated Load Estimates of Constituents Listed in Table B of California Ocean Plan for Outfalls Occurring Along Escondido Beach

Parameter	Units	Escondido Beach Outfalls																	
		Storm 1- 2/19/13						Storm 2- 3/8/13						Storm 3- 2/28/14					
		ASBS-025	ASBS-026	ASBS-027	ASBS-028	ASBS-029	ASBS-030	ASBS-025	ASBS-026	ASBS-027	ASBS-028	ASBS-029	ASBS-030	ASBS-025	ASBS-026	ASBS-027	ASBS-028	ASBS-029	ASBS-030
Total Flow	cubic ft	7	44	593	991	166	81	58	425	5,413	5,877	1,617	645	2,118	6,882	57,127	99,560	12,699	22,651
Ammonia as N	g				0.02							1.30					0.59		
Oil and Grease	g	0.00	0.01	0.05	0.01	0.00	0.07	0.00	0.06	0.26	1.12	0.02	0.02	0.03	0.49	2.10	2.82	0.18	0.83
TSS	g	0.02	1.08	3.66	0.46	0.63	0.14	0.11	7.94	2.74	102.51	1.36	0.59	1.09	20.11	127.47	113.62	0.68	27.32
<b>Total Metals</b>																			
Arsenic	g				0.02							1.21					1.85		
Cadmium	g				0.01							1.82					0.53		
Chromium	g				0.05							5.39					3.56		
Copper	g				0.37							33.03					73.92		
Lead	g				0.06							7.70					49.48		
Mercury	g				0.00							0.01					0.00		
Nickel	g				0.15							12.83					8.18		
Selenium	g				0.01							0.17					0.94		
Silver	g				0.00							0.01					0.03		
Zinc	g				1.09							133.25					247.12		
Did Flow Reach Receiving Water?		Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes

Shaded and italicized values indicate that there was flow from the outfall and a chemistry sample was collected, however, flow was ponded at the beach and did not reach the ocean receiving water



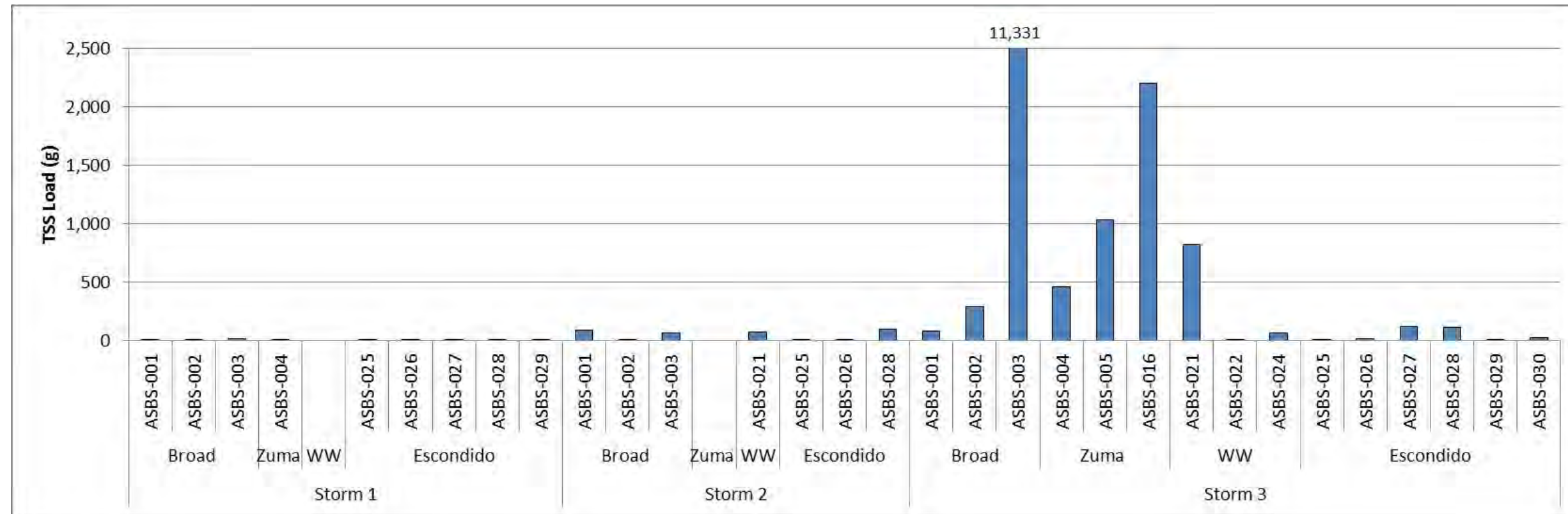


Figure 3-12. TSS Loads from All Sites That Flowed to the Receiving Water

### **3.4 Annual Load Estimates**

Annual load estimates were calculated based on the calculated average load that reached the ocean during the three monitored events, the amount of rainfall that fell during these events, and the average annual rainfall amount for Malibu (15.5 inches, LADPW 2006). Estimates of annual loads for the monitored outfalls along the Malibu ASBS are presented in Table 3-14. Annual loads were categorized based on the percentage of the total load that was expected to reach the ASBS receiving water. A designation of “Full Discharge” indicates that 100% of the annual wet weather load is expected to reach the ocean receiving water because flow was observed reaching the receiving water during each of the three storm events. A designation of “Some Discharge” indicates that approximately 50% of the annual wet weather load is expected to reach the receiving water because effluent was observed reaching the receiving water during one or two of the storm events, but did not reach the receiving water during all of the storm events. A designation of “No Discharge” indicates that flow never reached the receiving water during the three monitored storms and therefore is unlikely to reach the receiving water during future storm events. Of the 21 monitored outfalls, six received a “Full Discharge” designation, whereas nine received a “Some Discharge” designation, and six received a “No Discharge” designation. All of the outfalls that received a “Full Discharge” designation occur on either Broad Beach or Escondido Beach and generally have only a short distance of beach to cross, if any, before reaching the receiving water of the ASBS.

### **3.5 Determination of Compliance with Natural Water Quality**

Compliance with natural water quality was assessed by comparing post-storm receiving water data from wet weather monitoring recently conducted for ASBS 24 to the pre-storm data from the same site and to the 85<sup>th</sup> percentile threshold of reference sample concentrations measured during Bight 2008 and Bight 2013. Compliance with natural water quality requires lower values of post-storm receiving water concentrations relative to the 85<sup>th</sup> percentile reference threshold and the pre-storm concentrations. The Bight data from 2013 were combined with previously collected data during Bight '08 to determine the current 85<sup>th</sup> percentile constituent thresholds for natural water quality.

Concentrations of pollutants in post-storm receiving water were compared to those in pre-storm receiving water and to the 85<sup>th</sup> percentile threshold of reference sample concentrations. When post-storm receiving water concentrations are greater than the 85<sup>th</sup> percentile threshold and are greater than pre-storm concentrations for two or more consecutive storm events, they are considered to be in exceedance of natural water quality.

During Storm 1, the selenium concentration at SO2 was the only constituent that was above the 85<sup>th</sup> percentile reference threshold and was also above the pre-storm concentration. For Storm 2, concentrations of nitrate, copper, lead, selenium, zinc, and total PAHs at SO2 were above the 85<sup>th</sup> percentile reference threshold and were also above the pre-storm concentrations. Storm 3 had concentrations of TSS, mercury, selenium, and silver above the natural water quality criteria at SO2, and mercury, silver, and zinc concentrations above the natural water quality criteria at SO1.

**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014**

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Thus, at SO1 there is potentially an exceedance of natural water quality for mercury, silver, and zinc. However, because only one storm event had runoff that reached the receiving water, it is assumed to remain in compliance because a second storm event did not confirm these results. For SO2, there is an exceedance of natural water quality for selenium, mercury, and total PAHs.

Table 3-14. Estimates of Annual Loads from Monitored Outfalls along ASBS 24

Parameter	Units	Outfall ASBS-																				
		Broad Beach			Zuma Beach								Westward Beach				Escondido Beach					Nicholas Beach
		001	002	003	004	005	008	011	013	016	018	021	022	023	024	025	026	027	028	029	030	031
Ammonia as N	g			19.1		3.0				10.4		5.2	3.2	0.1					3.2			
Oil and Grease	g	63.9	0.9	9.7	8.3	2.0	0.7	6.9	2.0	4.0	0.6	5.7	1.1	1.2	2.4	0.1	0.9	4.0	6.5	0.3	1.5	not measured
TSS	g	292.9	498.3	18883.2	770.6	1740.0	160.6	826.5	484.2	6404.8	69.5	1490.4	17.1	13.3	133.1	2.0	48.2	221.3	358.1	4.4	46.4	not measured
<b>Total Metals</b>																						
Arsenic	g			34.5		6.8				23.2		36.8	7.9	10.5					5.1			
Cadmium	g			14.3		1.9				11.1		6.1	0.4	0.6					3.9			
Chromium	g			286.6		72.6				207.7		69.1	4.6	4.1					14.9			
Copper	g			422.2		107.6				244.2		272.6	119.7	195.8					177.4			
Lead	g			272.1		22.0				67.5		60.6	4.5	1.5					94.6			
Mercury	g			0.0		0.0				0.0		0.0	0.0	0.0					0.0			
Nickel	g			344.0		91.4				316.4		104.8	10.1	19.6					35.0			
Selenium	g			1.4		0.8				1.7		3.1	2.6	11.2					1.9			
Silver	g			0.6		0.3				0.7		0.8	0.4	0.1					0.1			
Zinc	g			1733.5		382.7				1179.3		1041.5	206.4	448.3					630.7			
<b>Load entering ASBS Category</b>		Full Discharge*	Full Discharge*	Full Discharge*	Some Discharge**	Some Discharge**	No Discharge***	No Discharge***	No Discharge***	Some Discharge**	No Discharge***	Some Discharge**	Some Discharge**	No Discharge***	Some Discharge**	Full Discharge*	Full Discharge*	Some Discharge**	Full Discharge*	Some Discharge**	Some Discharge**	No Discharge***
Full Discharge* indicates 100% of annual wet weather load is expected to reach ocean receiving water																						
Some Discharge** indicates approximately 50% of annual wet weather load is expected to reach ocean receiving water																						
No Discharge*** indicates 0% of annual load is expected to reach ocean receiving water																						

## 4.0 SUMMARY AND DISCUSSION

Special Protections Monitoring for ASBS 24 consisted of core monitoring of 21 outfall stations located along five beaches and ocean receiving water monitoring of two stations. Monitoring comprised chemical analyses of PAHs, pyrethroids, metals, OP pesticides, ammonia, nitrate, oil and grease, TSS, and total orthophosphate for core discharge stations with outfalls that were 36 inches or greater in diameter and for ocean receiving water stations. Monitoring of core discharge stations whose outfalls were less than 36 inches in diameter consisted of analysis of TSS and oil and grease. Toxicity testing was also performed on core discharge samples (one species during one storm event) and ocean receiving water samples (three species during each storm event). Results from the three monitoring events are discussed below.

### ***Core Discharge Monitoring***

Core discharge monitoring results revealed that TSS and oil and grease concentrations varied substantially among the monitored outfalls, with the highest concentrations of these pollutants occurring at outfalls along Broad Beach (ASBS-003 and ASBS-001, respectively). During Storm 1, copper was above the COP Imax value at four outfalls, whereas zinc was above the Imax at one outfall. During Storm 2, copper and chromium concentrations were above Imax values at five and three outfalls, respectively, whereas ammonia cadmium, lead, nickel and zinc were above Imax values at one outfall. In total, six metals and ammonia exceeded Imax values at ASBS-028 during Storm 2, whereas all other outfalls had two or less Imax exceedances. During Storm 3, ASBS-003 had five metals that exceeded Imax values; no other outfall had more than one metal exceed an Imax value. It should be mentioned that comparison to Imax values is for guidance purposes only and does not imply a breach of compliance.

Two OP pesticides were detected during the core discharge monitoring. Malathion was detected at ASBS-023 during two storm events, whereas chlorpyrifos was detected at ASBS-003 during one storm event. The highest malathion and chlorpyrifos concentrations that were detected in any of the core discharge samples were substantially lower than concentrations shown to cause toxicity in published literature, indicating that OP pesticides do not likely present a significant source of toxicity within the ASBS. Total PAHs varied considerably from storm to storm and outfall to outfall. The highest concentrations of total PAHs occurred at ASBS-023 during Storm 1, ASBS-028 during Storm 2, and ASBS-003 during Storm 3. The highest concentrations of pyrethroid pesticides occurred at ASBS-023 during Storm 1 and Storm 2, and at ASBS-003 during Storm 3. Across all outfalls and storm events, the pyrethroids bifenthrin and cyfluthrin occurred most frequently.

Toxicity testing was performed on 20 of 21 monitored outfalls (no testing was performed on effluent from ASBS-031 because it never flowed during any storm events). Results of toxicity analyses suggest that slight toxicity to *M. galloprovincialis* development occurred in exposure to water collected during Storm 1 at outfalls ASBS-002, ASBS-026, and ASBS-028 and in exposure to water collected during Storm 2 at ABS-004 and ASBS-022. Storm water from only one outfall underwent toxicity testing during Storm 3, and no toxicity was observed. No toxicity was observed at 15 of the 20 outfalls in which testing was performed. The slight toxicity observed resulted in a NOEC of 50% and a TUc value of 2 at ASBS-002, ASBS-004, and ASBS-026, and a NOEC of 25% and a TUc of 4 at ASBS-022 and ASBS-028.

**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014*****Ocean Receiving Water Monitoring***

Ocean receiving water samples were collected from SO2 during all three storm events and from SO1 during Storm 3 only, since no flow reached the receiving water during Storm 1 or Storm 2. Ocean receiving water chemistry results revealed that TSS, nitrate, several metals, total pyrethroids, and total PAHs were above the 85<sup>th</sup> percentile reference threshold. Several constituents, such as nitrate and ammonia during Storm 1 at SO2, and several metals during Storm 3 at SO2 and SO1, had higher concentrations in pre-storm samples than in post-storm samples. Post-storm concentrations of constituents that were above both pre-storm concentrations and reference thresholds are presented in Table 4-1. Selenium and total PAHs at SO2 were the only recurring constituents that were elevated above background concentrations (pre-storm concentrations) and the 85<sup>th</sup> percentile reference threshold for two consecutive storm events.

**Table 4-1. Post-storm Ocean Receiving Water Concentrations that were above Pre-storm Concentrations and above 85<sup>th</sup> Percentile Reference Threshold**

Storm 1		Storm 2		Storm 3	
SO1	SO2	SO1	SO2	SO1	SO2
	Selenium Total PAHs		Nitrate Chromium Copper Lead Nickel Selenium Zinc Total PAHs	Mercury Silver Zinc	Total orthophosphate TSS Mercury Selenium Silver Total pyrethroids Total PAHs

Toxicity results from exposure to ocean receiving water associated with receiving water site SO2 (associated with outfall ASBS-028) indicate that slight toxicity to *S. purpuratus* fertilization and *M. pyrifera* germination and growth occurred during Storm 1. No toxicity was observed for any test species or endpoint at SO2 during Storm 2 and Storm 3 or at SO1 during Storm 3. The slight toxicity observed during Storm 1 at SO2 resulted in a kelp germination NOEC of 50% and a TUC value of 2, and sea urchin fertilization and kelp growth NOECs of 25% and TUC values of 4.

***Link between Outfall Concentrations and Receiving Water Concentrations***

The link between the concentrations measured at outfalls ASBS-016 and ASBS-028 to concentrations measured at their respective ocean receiving water stations were explored. During Storm 1 and Storm 2, flow from outfall ASBS-016 never reached the ocean receiving water, so comparisons between outfall and receiving water during these events could only be made for outfall ASBS-028 and SO2.

As previously mentioned, Selenium and total PAHs at SO2 were the only recurring constituents in the ocean receiving water that were elevated above background concentrations (pre-storm concentrations) and were above the 85<sup>th</sup> percentile reference threshold for two consecutive storm events.

**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014**

Total PAHs measured in effluent from outfall ASBS-028 during Storm 1 were 18.1 ng/L. The post-storm receiving water concentration at SO<sub>2</sub> was measured at 41.1 ng/L, which was slightly above the reference threshold of 12.5 ng/L (Table 4-2). There is no I<sub>max</sub> value for total PAHs. With the exception of naphthalene, all PAHs were measured below detection limits at both the outfall and in the ocean receiving water. Slightly higher naphthalene in the ocean receiving water may have come from an alternate source such as a motorized boat or nearby storm drain. It is also plausible that the low levels detected and small difference between the outfall and receiving water can be attributed to sample variability. Based on these data, the storm drain does not appear to be the cause for the exceedance of natural water quality observed in the receiving water.

The selenium concentration at outfall ASBS-028 during Storm 1 was over two orders of magnitude below the COP I<sub>max</sub> value (Table 4-2). The post-storm receiving water concentration was three orders of magnitude below the COP I<sub>max</sub>, but was slightly above the reference threshold criteria. The slight increase in selenium from the pre-storm concentration to the post-storm concentration within the receiving water may be attributable to sample variability or it may have been influenced by the somewhat higher outfall concentration. However, it should be noted that selenium is a naturally occurring element and is not toxic to marine aquatic life at the low concentrations observed in the post-storm receiving water.

**Table 4-2. Storm 1 Comparison of Outfall and Ocean Receiving Water Concentrations**

Parameter	Units	California Ocean Plan Instantaneous Maximum (I <sub>max</sub> )	Natural Water Quality (85th Percentile)	Outfall	Ocean Receiving Water	
				028	S02-PRE	S02-POST
				2/19/2013	2/18/2013	2/19/2013
<b>Total Metals</b>						
Selenium (Se)	µg/L	150	0.017	0.435	0.015	0.031
<b>Total PAHs</b>	ng/L		12.5	18.1	12.5	41.1

grey highlighted cells indicate results above the natural water quality.

The total PAH concentration measured during Storm 2 at ASBS-028 was 1,758 ng/L. The post-storm receiving water concentration at SO<sub>2</sub> was measured at 57.0 ng/L, which was slightly above the reference threshold of 12.5 ng/L and the pre-storm concentration of 12.5 ng/L (Table 4-3). Based on these data, the ocean receiving water concentration may have been influenced by the effluent from outfall ASBS-028. However, other outside sources of PAHs such as motorized boats, atmospheric deposition, or runoff from a nearby storm drain cannot be ruled out as potential contributors to the slightly higher post-storm total PAH level.

The selenium concentration at outfall ASBS-028 during Storm 2 was over two orders of magnitude below the COP I<sub>max</sub> value (Table 4-3). The post-storm receiving water concentration was three orders of magnitude below the COP I<sub>max</sub>, but was slightly above the reference threshold criteria. The slight increase in selenium from the pre-storm concentration to the post-storm concentration within the receiving water may be attributable to sample variability or it may have been influenced by the marginally higher outfall concentration. Selenium is a naturally occurring element and runoff from the surrounding land may have contributed to increased levels in the ocean receiving water. The trace concentrations measured in the ocean receiving water are not toxic to marine aquatic life.





**Table 4-3. Storm 2 Comparison of Outfall and Ocean Receiving Water Concentrations**

Parameter	Units	California Ocean Plan Instantaneous Maximum (Imax)	Natural Water Quality (85 <sup>th</sup> Percentile)	Outfall	Ocean Receiving Water	
				028	S02-PRE	S02-POST
				2/19/2013	2/18/2013	2/19/2013
<b>Total Metals</b>						
Selenium (Se)	µg/L	150	0.017	1.004	0.017	0.052
<b>Total PAHs</b>	ng/L		12.5	1757.7	12.5	57.0

grey highlighted cells indicate results above the natural water quality.

Post-storm receiving water concentrations at SO1 were above reference thresholds and above pre-storm concentrations for silver, zinc, and selenium (Table 4-4). Since Storm 3 was an exceptionally large storm event, it should not be surprising that a developed watershed would have effluent concentrations for some constituents that exceeded receiving water criteria of a reference watershed. Both silver and mercury had lower concentrations at the outfall than in the receiving water, indicating that the outfall is an unlikely source of the slight increase in concentration for these constituents in the receiving water. The measured difference in concentration may be the result of sample variability. The post-storm receiving water zinc concentration may have increased as a result of the somewhat higher outfall concentration at ASBS-016. However, this did not occur at SO2, as an elevated zinc concentration at outfall ASBS-028 resulted in a decreased zinc concentration in the receiving water.

Storm 3 outfall concentrations at ASBS-028 were above reference thresholds for total PAHs and selenium. The total PAH concentration measured during Storm 3 at ASBS-028 was 1,181 ng/L. The post-storm receiving water concentration at SO2 was measured at 84.1 ng/L, which was slightly above the reference threshold of 12.5 ng/L and the pre-storm concentration of 28.5 ng/L (Table 4-4). Based on these data, the ocean receiving water concentration may have been influenced by the effluent from outfall ASBS-028. However, other outside sources of PAHs such as motorized boats, atmospheric deposition, or runoff from a nearby storm drain cannot be ruled out as potential contributors to the slightly higher post-storm total PAH level.

The selenium concentration at outfall ASBS-028 during Storm 3 was over two orders of magnitude below the COP Imax value (Table 4-3). Both pre-storm and post-storm receiving water concentrations of selenium were above the reference threshold criteria, despite being approximately three orders of magnitude below the COP Imax. Given the selenium concentration of the outfall (approximately twice the concentration of the post-storm receiving water), it seems unlikely that the outfall would be entirely responsible for the increased selenium concentration of the receiving water, unless one assumes there was a dilution of only 1:2. A dilution this low would run counter to the findings of a dilution and dispersion study performed for the City of San Diego in 2013. In that study, it was determined that the median surf zone dilution for effluent entering a sandy beach in La Jolla Shores was 22:1 (AMEC 2013). Thus, the higher post-storm receiving water concentration of selenium at SO2 during Storm 3 may be attributable to other sources. It should be stressed, however, that the trace selenium concentrations measured in the ocean receiving water are not toxic to marine aquatic life.

**Malibu ASBS Special Protections Monitoring  
Final Report****November 2014****Table 4-4. Storm 3 Comparison of Outfall and Ocean Receiving Water Concentrations**

Parameter	Units	California Ocean Plan	Natural Water Quality (85 <sup>th</sup> Percentile)	Outfall	Ocean Receiving Water		Outfall	Ocean Receiving Water	
		Instantaneous Maximum		016	S01-PRE	S01-POST	028	S02-PRE	S02-POST
					2/28/14	2/25/14	2/28/14	2/28/14	2/25/14
<b>Total Metals</b>									
Mercury	µg/L	0.4	0.0006	<0.0012 J	<0.0012 J	0.014	<0.0012 J	<0.0012 J	0.0261
Silver	µg/L	7	0.08	0.10	0.09	0.18	0.01J	0.03	0.14
Zinc	µg/L	200	18.6	151.15	5.35	21.05	87.65	41.71	12.02
Selenium	µg/L	150	0.017	0.226	0.016	0.011J	0.334	0.083	0.155
<b>Total PAHs</b>	ng/L		12.5	1,088.7	12.5	12.5	1,181.3	28.5	84.1

J-Analyte was detected at a concentration below the reporting limit and above the method detection limit. Reported value is estimated.

grey highlighted cells indicate results above the natural water quality reference threshold.

**Compliance with Natural Water Quality**

Compliance with natural water quality was determined by comparing post-storm receiving water data from wet weather monitoring recently conducted for ASBS 24 to pre-storm receiving water data and to the 85<sup>th</sup> percentile threshold of reference sample concentrations calculated from data collected during Bight 2008 and Bight 2013.

In accordance with the *Special Protections* document, concentrations of pollutants in post-storm receiving water are compared to those in pre-storm receiving water and to the 85<sup>th</sup> percentile threshold of reference sample concentrations. When post-storm receiving water concentrations are greater than the 85<sup>th</sup> percentile threshold and are greater than pre-storm concentrations, results from the next storm are analyzed. If post-storm receiving water concentrations are again greater than the 85<sup>th</sup> percentile threshold and pre-storm concentrations, the constituent(s) are considered as exceedances of natural water quality.

During the 2012-2013 and 2013-2014 storm seasons, wet weather monitoring was performed at two receiving water locations: SO1 and SO2. Whereas SO2 was sampled during each of the three monitored storm events, SO1 was only sampled during Storm 3 as a result of a lack of connectivity between the effluent from storm drain ASBS-016 and the ocean receiving water. Based on the results from these three storm events, SO2 was outside of compliance with natural water quality for selenium and total PAHs, per the criteria set forth in *Special Protections*. However, it should be noted that all post-storm samples from SO1 and SO2 were below COP Imax concentrations during all storm events, and that several of the natural water quality exceedances in the receiving water can be attributed to either sample variability or sources other than effluent from the adjacent outfall. As an example, during Storm 3 at SO1, both silver and mercury had lower concentrations at the outfall than in the receiving water, indicating that the outfall is an unlikely source of the slight increase in concentration from pre-storm levels for these constituents in the receiving water.

Storm 3 post-storm samples from SO1 were above pre-storm concentrations and the 85<sup>th</sup> percentile reference threshold for the metals mercury, silver, and zinc; however, because data were able to be collected from only one storm event, compliance with natural water quality could not be determined.

## **4.1 Recommendations**

For the evaluation on the potential load reductions required in accordance with the *Special Protections* document, see the Area of Special Biological Significance 24 Compliance Plan for the County of Los Angeles and the City of Malibu that is currently being drafted.

## 5.0 LITERATURE CITED

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# **APPENDIX C**

## **Chemistry Results**

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March 02, 2016

Dan McCoy  
Weston Solutions, Inc.  
5817 Dryden Place  
Carlsbad, CA 92008-

Project Name: LACDPW Malibu ASBS  
Physis Project ID: 1210002-006

Dear Dan,

Enclosed are the analytical results for samples submitted to PHYSIS Environmental Laboratories, Inc. (PHYSIS) on 1/3/2016. A total of 6 samples were received for analysis in accordance with the attached chain of custody (COC). Per the COC, the samples were analyzed for:

Conventionals
Total Suspended Solids by SM 2540 D
Total Orthophosphate as P by SM 4500-P E
Oil & Grease by EPA 1664B
Nitrate as N by SM 4500-NO <sub>3</sub> E
Ammonia as N by SM 4500-NH <sub>3</sub> D
Elements
Total Trace Metals & Mercury (EPA 1640) by EPA 1640
Organics
Synthetic Pyrethroid Pesticides by EPA 625-NCI
Polynuclear Aromatic Hydrocarbons by EPA 625
Organophosphorus Pesticides by EPA 625

Analytical results in this report apply only to samples submitted to PHYSIS in accordance with the COC and are intended to be considered in their entirety.

Please feel free to contact me at any time with any questions. PHYSIS appreciates the opportunity to provide you with our analytical and support services.

Regards,

Misty Mercier  
Extension 202  
714-335-5918 cell  
mistymercier@physislabs.com



## PROJECT SAMPLE LIST

Weston Solutions, Inc.

PHYSIS Project ID: 1210002-006

LACDPW Malibu ASBS

Total Samples: 6

PHYSIS ID	Sample ID	Description	Date	Time	Matrix
38526	LACDPW-010316-ASBS-SO1	PRE	1/3/2016	12:30	Seawater
38527	LACDPW-010316-ASBS-SO2	PRE	1/3/2016	11:50	Seawater
38744	LACDPW-010616-ASBS-028		1/6/2016	16:20	Freshwater
38745	LACDPW-010616-ASBS-S02-Post		1/6/2016	16:20	Seawater
38746	LACDPW-010616-ASBS-016		1/6/2016	17:15	Freshwater
38747	LACDPW-010616-ASBS-S01		1/6/2016	17:15	Seawater





## ABBREVIATIONS and ACRONYMS

QM	Quality Manual
QA	Quality Assurance
QC	Quality Control
MDL	method detection limit
RL	reporting limit
R1	project sample
R2	project sample replicate
MS1	matrix spike
MS2	matrix spike replicate
B1	procedural blank
B2	procedural blank replicate
BS1	blank spike
BS2	blank spike replicate
LCS1	laboratory control spike
LCS2	laboratory control spike replicate
LCM1	laboratory control material
LCM2	laboratory control material replicate
CRM1	certified reference material
CRM2	certified reference material replicate
RPD	relative percent difference
LMW	low molecular weight
HMW	high molecular weight



## QUALITY ASSURANCE SUMMARY

**LABORATORY BATCH:** Physis' QM defines a laboratory batch as a group of 20 or fewer project samples of similar matrix, processed together under the same conditions and with the same reagents. QC samples are associated with each batch and were used to assess the validity of the sample analyses.

**PROCEDURAL BLANK:** Laboratory contamination introduced during method use is assessed through the preparation and analysis of procedural blanks is provided at a minimum frequency of one per batch.

**ACCURACY:** Accuracy of analytical measurements is the degree of closeness based on percent recovery calculations between measured values and the actual or true value and includes a combination of reproducibility error and systematic bias due to sampling and analytical operations. Accuracy of the project data was indicated by analysis of MS, BS, LCS, LCM, CRM, and/or surrogate spikes on a minimum frequency of one per batch. Physis' QM requires that 95% of the target compounds greater than 10 times the MDL be within the specified acceptance limits.

**PRECISION:** Precision is the agreement among a set of replicate measurements without assumption of knowledge of the true value and is based on RPD calculations between repeated values. Precision of the project data was determined by analysis of replicate MS<sub>1</sub>/MS<sub>2</sub>, BS<sub>1</sub>/BS<sub>2</sub>, LCS<sub>1</sub>/LCS<sub>2</sub>, LCM<sub>1</sub>/LCM<sub>2</sub>, CRM<sub>1</sub>/CRM<sub>2</sub>, surrogate spikes and/or replicate project sample analysis (R<sub>1</sub>/R<sub>2</sub>) on a minimum frequency of one per batch. Physis' QM requires that for 95% of the compounds greater than 10 times the MDL, the percent RPD should be within the specified acceptance range.

**BLANK SPIKES:** BS is the introduction of a known concentration of analyte into the procedural blank. BS demonstrates performance of the preparation and analytical methods on a clean matrix void of potential matrix related interferences. The BS is performed in laboratory deionized water, making these recoveries a better indicator of the efficiency of the laboratory method per se.

**MATRIX SPIKES:** MS is the introduction of a known concentration of analyte into a sample. MS samples demonstrate the effect a particular project sample matrix has on the accuracy of a measurement. Individually, MS samples also indicate the bias of analytical measurements due to chemical interferences inherent in the in the specific project sample spiked. Intrinsic target analyte concentration in the specific project sample can also significantly impact MS recovery.

**CERTIFIED REFERENCE MATERIALS:** CRMs are materials of various matrices for which analytical information has been determined and certified by a recognized authority. These are used to provide a quantitative assessment of the accuracy of an analytical method. CRMs provide evidence that the laboratory preparation and analysis produces results that are comparable to those obtained by an independent organization.

**LABORATORY CONTROL MATERIAL:** LCM is provided because a suitable natural seawater CRM is not available and can be used to indicate accuracy of the method. Physis' internal LCM is seawater collected at ~800 meters in the Southern California San Pedro Basin and can be used as a reference for background concentrations in clean, natural seawater for comparison to project samples.

**LABORATORY CONTROL SPIKES:** LCS is the introduction of a known concentration of analyte into Physis' LCM. LCS samples were employed to assess the effect the seawater matrix has on the accuracy of a measurement. LCS also indicate the bias of this method due to chemical interferences inherent in the in the seawater matrix. Intrinsic LCM concentration can also significantly impact LCS recovery.

**SURROGATES:** A surrogate is a pure analyte unlikely to be found in any project sample, behaves similarly to



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the target analyte and most often used with organic analytical procedures. Surrogates are added in known concentration to all samples and are measured to indicate overall efficiency of the method including processing and analyses.

**HOLDING TIME:** Method recommended holding times are the length of time a project sample can be stored under specific conditions after collection and prior to analysis without significantly affecting the analyte's concentration. Holding times can be extended if preservation techniques are employed to reduce biodegradation, volatilization, oxidation, sorption, precipitation, and other physical and chemical processes.

**SAMPLE STORAGE/RETENTION:** In order to maintain chemical integrity prior to analysis, all samples submitted to Physis are refrigerated (liquids) or frozen (solids) upon receipt unless otherwise recommended by applicable methods. Solid samples are retained for 1 year from collection while liquid samples are retained until method recommended holding times elapse.

**TOTAL/DISSOLVED FRACTION:** In some instances, the results for the dissolved fraction may be higher than the total fraction for a particular analyte (e.g. trace metals). This is typically caused by the analytical variation for each result and indicates that the target analyte is primarily in the dissolved phase, within the sample.



## PHYSIS QUALIFIER CODES

CODE	DEFINITION
#	see Case Narrative
ND	analyte not detected at or above the MDL
B	analyte was detected in the procedural blank greater than 10 times the MDL
E	analyte concentration exceeds the upper limit of the linear calibration range, reported value is estimated
H	sample received and/or analyzed past the recommended holding time
J	analyte was detected at a concentration below the RL and above the MDL, reported value is estimated
N	insufficient sample, analysis could not be performed
M	analyte was outside the specified accuracy and/or precision acceptance limits due to matrix interference. The associated B/BS were within limits, therefore the sample data was reported without further clarification
SH	analyte concentration in the project sample exceeded the spike concentration, therefore accuracy and/or precision acceptance limits do not apply
SL	analyte results were lower than 10 times the MDL, therefore accuracy and/or precision acceptance limits do not apply
NH	project sample was heterogeneous and sample homogeneity could not be readily achieved using routine laboratory practices, therefore accuracy and/or precision acceptance limits do not apply
Q	analyte was outside the specified QAPP acceptance limits for precision and/or accuracy but within Physis derived acceptance limits, therefore the sample data was reported without further clarification
R	Physis' QM allows for 5% of the target compounds greater than 10 times the MDL to be outside the specified acceptance limits for precision and/or accuracy. This is often due to random error and does not indicate any significant problems with the analysis of these project samples

# PHYSIS

# ANALYTICAL

# REPORT

TERRA AURA

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## Conventionals

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38526-R1</b>	<b>LACDPW-010316-ASBS-SO1 PRE</b>	<b>Matrix: Seawater</b>				
	Method: SM 2540 D	Batch ID: C-17143				
Total Suspended Solids	NA	57.6	0.5	0.5	mg/L	
	Method: SM 4500-NH3 D	Batch ID: C-18115				
Ammonia as N	NA	ND	0.02	0.05	mg/L	
	Method: EPA 1664B	Batch ID: C-19048				
Oil & Grease	NA	ND	1	1	mg/L	
	Method: SM 4500-P E	Batch ID: C-23143				
Total Orthophosphate as P	NA	0.03	0.01	0.02	mg/L	
	Method: SM 4500-NO3 E	Batch ID: C-23155				
Nitrate as N	NA	0.02	0.01	0.05	mg/L	J
<b>Sample ID: 38527-R1</b>	<b>LACDPW-010316-ASBS-SO2 PRE</b>	<b>Matrix: Seawater</b>				
	Method: SM 2540 D	Batch ID: C-17143				
Total Suspended Solids	NA	4.5	0.5	0.5	mg/L	
	Method: SM 4500-NH3 D	Batch ID: C-18115				
Ammonia as N	NA	ND	0.02	0.05	mg/L	
	Method: EPA 1664B	Batch ID: C-19048				
Oil & Grease	NA	ND	1	1	mg/L	
	Method: SM 4500-P E	Batch ID: C-23143				
Total Orthophosphate as P	NA	0.03	0.01	0.02	mg/L	
	Method: SM 4500-NO3 E	Batch ID: C-23155				
Nitrate as N	NA	0.02	0.01	0.05	mg/L	J
<b>Sample ID: 38744-R1</b>	<b>LACDPW-010616-ASBS-028</b>	<b>Matrix: Freshwater</b>				
	Method: SM 2540 D	Batch ID: C-17143				
Total Suspended Solids	NA	1040	0.5	0.5	mg/L	
	Method: SM 4500-NH3 D	Batch ID: C-18115				
Ammonia as N	NA	0.42	0.02	0.05	mg/L	
	Method: EPA 1664B	Batch ID: C-19048				
Oil & Grease	NA	4.8	1	1	mg/L	
	Method: SM 4500-P E	Batch ID: C-23150				



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## Conventionals

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Total Orthophosphate as P	NA	0.21	0.01	0.02	mg/L	
	Method: SM 4500-NO3 E	Batch ID: C-23155		Prepared: 08-Jan-16		Analyzed: 26-Jan-16
Nitrate as N	NA	0.34	0.01	0.05	mg/L	
<b>Sample ID: 38745-R1</b>	<b>LACDPW-010616-ASBS-S02-Post</b>	<b>Matrix: Seawater</b>	<b>Sampled: 06-Jan-16</b>	<b>16:20</b>	<b>Received: 06-Jan-16</b>	
	Method: SM 2540 D	Batch ID: C-17143		Prepared: 09-Jan-16		Analyzed: 09-Jan-16
Total Suspended Solids	NA	35.2	0.5	0.5	mg/L	
	Method: SM 4500-NH3 D	Batch ID: C-18115		Prepared: 28-Jan-16		Analyzed: 28-Jan-16
Ammonia as N	NA	0.04	0.02	0.05	mg/L	J
	Method: EPA 1664B	Batch ID: C-19048		Prepared: 25-Jan-16		Analyzed: 25-Jan-16
Oil & Grease	NA	ND	1	1	mg/L	
	Method: SM 4500-P E	Batch ID: C-23150		Prepared: 08-Jan-16		Analyzed: 08-Jan-16
Total Orthophosphate as P	NA	0.04	0.01	0.02	mg/L	
	Method: SM 4500-NO3 E	Batch ID: C-23155		Prepared: 08-Jan-16		Analyzed: 26-Jan-16
Nitrate as N	NA	0.03	0.01	0.05	mg/L	J
<b>Sample ID: 38746-R1</b>	<b>LACDPW-010616-ASBS-016</b>	<b>Matrix: Freshwater</b>	<b>Sampled: 06-Jan-16</b>	<b>17:15</b>	<b>Received: 06-Jan-16</b>	
	Method: SM 2540 D	Batch ID: C-17143		Prepared: 09-Jan-16		Analyzed: 09-Jan-16
Total Suspended Solids	NA	284	0.5	0.5	mg/L	
	Method: SM 4500-NH3 D	Batch ID: C-18115		Prepared: 28-Jan-16		Analyzed: 28-Jan-16
Ammonia as N	NA	0.51	0.02	0.05	mg/L	
	Method: EPA 1664B	Batch ID: C-19048		Prepared: 25-Jan-16		Analyzed: 25-Jan-16
Oil & Grease	NA	ND	1	1	mg/L	
	Method: SM 4500-P E	Batch ID: C-23150		Prepared: 08-Jan-16		Analyzed: 08-Jan-16
Total Orthophosphate as P	NA	0.39	0.01	0.02	mg/L	
	Method: SM 4500-NO3 E	Batch ID: C-23155		Prepared: 08-Jan-16		Analyzed: 26-Jan-16
Nitrate as N	NA	1.98	0.01	0.05	mg/L	
<b>Sample ID: 38747-R1</b>	<b>LACDPW-010616-ASBS-S01</b>	<b>Matrix: Seawater</b>	<b>Sampled: 06-Jan-16</b>	<b>17:15</b>	<b>Received: 06-Jan-16</b>	
	Method: SM 2540 D	Batch ID: C-17143		Prepared: 09-Jan-16		Analyzed: 09-Jan-16
Total Suspended Solids	NA	10.7	0.5	0.5	mg/L	
	Method: SM 4500-NH3 D	Batch ID: C-18115		Prepared: 28-Jan-16		Analyzed: 28-Jan-16
Ammonia as N	NA	0.15	0.02	0.05	mg/L	





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## Conventional

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
	Method: EPA 1664B	Batch ID: C-19048		Prepared: 25-Jan-16		Analyzed: 25-Jan-16
Oil & Grease	NA	ND	1	1	mg/L	
	Method: SM 4500-P E	Batch ID: C-23150		Prepared: 08-Jan-16		Analyzed: 08-Jan-16
Total Orthophosphate as P	NA	0.03	0.01	0.02	mg/L	
	Method: SM 4500-NO <sub>3</sub> E	Batch ID: C-23155		Prepared: 08-Jan-16		Analyzed: 26-Jan-16
Nitrate as N	NA	0.04	0.01	0.05	mg/L	J





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## Elements

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38526-R1</b> <b>LACDPW-010316-ASBS-SO1 PRE</b> <b>Matrix: Seawater</b> <b>Sampled: 03-Jan-16 12:30</b> <b>Received: 03-Jan-16</b> Method: EPA 1640      Batch ID: E-10073      Prepared: 11-Feb-16      Analyzed: 20-Feb-16						
Arsenic (As)	Total	1.525	0.005	0.015	µg/L	
Cadmium (Cd)	Total	0.0357	0.0025	0.005	µg/L	
Chromium (Cr)	Total	0.3171	0.0125	0.025	µg/L	
Copper (Cu)	Total	0.396	0.005	0.01	µg/L	
Lead (Pb)	Total	0.3222	0.0025	0.005	µg/L	
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L	
Nickel (Ni)	Total	0.9828	0.0025	0.005	µg/L	
Selenium (Se)	Total	0.02	0.005	0.015	µg/L	
Silver (Ag)	Total	0.08	0.01	0.02	µg/L	
Zinc (Zn)	Total	0.3685	0.0025	0.005	µg/L	
<b>Sample ID: 38527-R1</b> <b>LACDPW-010316-ASBS-SO2 PRE</b> <b>Matrix: Seawater</b> <b>Sampled: 03-Jan-16 11:50</b> <b>Received: 03-Jan-16</b> Method: EPA 1640      Batch ID: E-10073      Prepared: 11-Feb-16      Analyzed: 20-Feb-16						
Arsenic (As)	Total	1.437	0.005	0.015	µg/L	
Cadmium (Cd)	Total	0.0275	0.0025	0.005	µg/L	
Chromium (Cr)	Total	0.2748	0.0125	0.025	µg/L	
Copper (Cu)	Total	0.25	0.005	0.01	µg/L	
Lead (Pb)	Total	0.0552	0.0025	0.005	µg/L	
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L	
Nickel (Ni)	Total	0.3281	0.0025	0.005	µg/L	
Selenium (Se)	Total	0.015	0.005	0.015	µg/L	
Silver (Ag)	Total	0.08	0.01	0.02	µg/L	
Zinc (Zn)	Total	1.4714	0.0025	0.005	µg/L	
<b>Sample ID: 38744-R1</b> <b>LACDPW-010616-ASBS-028</b> <b>Matrix: Freshwater</b> <b>Sampled: 06-Jan-16 16:20</b> <b>Received: 06-Jan-16</b> Method: EPA 1640      Batch ID: E-10073      Prepared: 11-Feb-16      Analyzed: 19-Feb-16						
Arsenic (As)	Total	7.243	0.005	0.015	µg/L	
Cadmium (Cd)	Total	8.3246	0.0025	0.005	µg/L	
Chromium (Cr)	Total	36.7011	0.0125	0.025	µg/L	
Copper (Cu)	Total	71.403	0.005	0.01	µg/L	



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## Elements

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Lead (Pb)	Total	33.5413	0.0025	0.005	µg/L	
Mercury (Hg)	Total	0.5599	0.0012	0.005	µg/L	
Nickel (Ni)	Total	69.7875	0.0025	0.005	µg/L	
Selenium (Se)	Total	1.482	0.005	0.015	µg/L	
Silver (Ag)	Total	0.01	0.01	0.02	µg/L	J
Zinc (Zn)	Total	413.4303	0.0025	0.005	µg/L	

**Sample ID: 38745-R1**

**LACDPW-010616-ASBS-S02-Post**

**Matrix: Seawater**

**Sampled: 06-Jan-16 16:20**

**Received: 06-Jan-16**

Method: EPA 1640

Batch ID: E-10073

Prepared: 11-Feb-16

Analyzed: 20-Feb-16

Arsenic (As)	Total	1.592	0.005	0.015	µg/L	
Cadmium (Cd)	Total	0.1077	0.0025	0.005	µg/L	
Chromium (Cr)	Total	1.955	0.0125	0.025	µg/L	
Copper (Cu)	Total	2.004	0.005	0.01	µg/L	
Lead (Pb)	Total	0.6518	0.0025	0.005	µg/L	
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L	
Nickel (Ni)	Total	1.9523	0.0025	0.005	µg/L	
Selenium (Se)	Total	0.076	0.005	0.015	µg/L	
Silver (Ag)	Total	0.09	0.01	0.02	µg/L	
Zinc (Zn)	Total	5.2993	0.0025	0.005	µg/L	

**Sample ID: 38746-R1**

**LACDPW-010616-ASBS-016**

**Matrix: Freshwater**

**Sampled: 06-Jan-16 17:15**

**Received: 06-Jan-16**

Method: EPA 1640

Batch ID: E-10073

Prepared: 11-Feb-16

Analyzed: 19-Feb-16

Arsenic (As)	Total	4.141	0.005	0.015	µg/L	
Cadmium (Cd)	Total	9.2101	0.0025	0.005	µg/L	
Chromium (Cr)	Total	35.1759	0.0125	0.025	µg/L	
Copper (Cu)	Total	73.101	0.005	0.01	µg/L	
Lead (Pb)	Total	34.7992	0.0025	0.005	µg/L	
Mercury (Hg)	Total	0.4391	0.0012	0.005	µg/L	
Nickel (Ni)	Total	72.0448	0.0025	0.005	µg/L	
Selenium (Se)	Total	0.965	0.005	0.015	µg/L	
Silver (Ag)	Total	0.08	0.01	0.02	µg/L	
Zinc (Zn)	Total	446.4958	0.0025	0.005	µg/L	



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## Elements

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38747-R1</b>	<b>LACDPW-010616-ASBS-S01</b> Method: EPA 1640	<b>Matrix: Seawater</b> Batch ID: E-10073		<b>Sampled: 06-Jan-16 17:15</b> Prepared: 11-Feb-16		<b>Received: 06-Jan-16</b> Analyzed: 20-Feb-16
Arsenic (As)	Total	1.551	0.005	0.015	µg/L	
Cadmium (Cd)	Total	0.0279	0.0025	0.005	µg/L	
Chromium (Cr)	Total	0.8967	0.0125	0.025	µg/L	
Copper (Cu)	Total	0.564	0.005	0.01	µg/L	
Lead (Pb)	Total	0.1701	0.0025	0.005	µg/L	
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L	
Nickel (Ni)	Total	0.8076	0.0025	0.005	µg/L	
Selenium (Se)	Total	0.012	0.005	0.015	µg/L	J
Silver (Ag)	Total	0.09	0.01	0.02	µg/L	
Zinc (Zn)	Total	1.1452	0.0025	0.005	µg/L	



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CA ELAP #2769

## Organophosphorus Pesticides

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38526-R1</b> <b>LACDPW-010316-ASBS-SO1 PRE</b> <b>Matrix: Seawater</b> <b>Sampled: 03-Jan-16 12:30</b> <b>Received: 03-Jan-16</b> Method: EPA 625      Batch ID: O-9034      Prepared: 07-Jan-16      Analyzed: 04-Feb-16						
(PCB030)	Total	89			% Recovery	
(PCB112)	Total	90			% Recovery	
(PCB198)	Total	83			% Recovery	
(TCMX)	Total	71			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenchlorphos (Ronnel)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	
<b>Sample ID: 38527-R1</b> <b>LACDPW-010316-ASBS-SO2 PRE</b> <b>Matrix: Seawater</b> <b>Sampled: 03-Jan-16 11:50</b> <b>Received: 03-Jan-16</b> Method: EPA 625      Batch ID: O-9034      Prepared: 07-Jan-16      Analyzed: 04-Feb-16						
(PCB030)	Total	74			% Recovery	
(PCB112)	Total	85			% Recovery	
(PCB198)	Total	81			% Recovery	



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## Organophosphorus Pesticides

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
(TCMX)	Total	56			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenchlorphos (Ronnel)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	

Sample ID: 38744-R1

LACDPW-010616-ASBS-028

Matrix: Freshwater

Sampled: 06-Jan-16 16:20

Received: 06-Jan-16

Method: EPA 625

Batch ID: O-9034

Prepared: 07-Jan-16

Analyzed: 04-Feb-16

(PCB030)	Total	96			% Recovery	
(PCB112)	Total	93			% Recovery	
(PCB198)	Total	31			% Recovery	
(TCMX)	Total	99			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	



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## Organophosphorus Pesticides

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenchlorphos (Ronnel)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	

Sample ID: 38745-R1

LACDPW-010616-ASBS-S02-Post

Matrix: Seawater

Sampled: 06-Jan-16 16:20

Received: 06-Jan-16

Method: EPA 625

Batch ID: O-9034

Prepared: 07-Jan-16

Analyzed: 04-Feb-16

(PCB030)	Total	97			% Recovery	
(PCB112)	Total	93			% Recovery	
(PCB198)	Total	84			% Recovery	
(TCMX)	Total	90			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenchlorphos (Ronnel)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	



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## Organophosphorus Pesticides

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	

Sample ID: 38746-R1

LACDPW-010616-ASBS-016

Matrix: Freshwater

Sampled: 06-Jan-16 17:15

Received: 06-Jan-16

Method: EPA 625

Batch ID: O-9034

Prepared: 07-Jan-16

Analyzed: 04-Feb-16

(PCB030)	Total	77			% Recovery	
(PCB112)	Total	78			% Recovery	
(PCB198)	Total	74			% Recovery	
(TCMX)	Total	68			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenchlorphos (Ronnell)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	



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## Organophosphorus Pesticides

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	

Sample ID: 38747-R1

LACDPW-010616-ASBS-S01

Matrix: Seawater

Sampled: 06-Jan-16 17:15

Received: 06-Jan-16

Method: EPA 625

Batch ID: O-9034

Prepared: 07-Jan-16

Analyzed: 04-Feb-16

(PCB030)	Total	79			% Recovery	
(PCB112)	Total	79			% Recovery	
(PCB198)	Total	78			% Recovery	
(TCMX)	Total	59			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenchlorphos (Ronnel)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	





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## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38526-R1</b>	<b>LACDPW-010316-ASBS-SO1 PRE</b>	<b>Matrix: Seawater</b>	<b>Sampled: 03-Jan-16 12:30</b>		<b>Received: 03-Jan-16</b>	
	Method: EPA 625	Batch ID: O-9034	Prepared: 07-Jan-16		Analyzed: 04-Feb-16	
(d10-Acenaphthene)	Total	83			% Recovery	
(d10-Phenanthrene)	Total	80			% Recovery	
(d12-Chrysene)	Total	100			% Recovery	
(d8-Naphthalene)	Total	76			% Recovery	
1-Methylnaphthalene	Total	ND	1	5	ng/L	
1-Methylphenanthrene	Total	ND	1	5	ng/L	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L	
2-Methylnaphthalene	Total	ND	1	5	ng/L	
Acenaphthene	Total	ND	1	5	ng/L	
Acenaphthylene	Total	ND	1	5	ng/L	
Anthracene	Total	ND	1	5	ng/L	
Benz[a]anthracene	Total	ND	1	5	ng/L	
Benzo[a]pyrene	Total	ND	1	5	ng/L	
Benzo[b]fluoranthene	Total	ND	1	5	ng/L	
Benzo[e]pyrene	Total	ND	1	5	ng/L	
Benzo[g,h,i]perylene	Total	ND	1	5	ng/L	
Benzo[k]fluoranthene	Total	ND	1	5	ng/L	
Biphenyl	Total	ND	1	5	ng/L	
Chrysene	Total	ND	1	5	ng/L	
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L	
Dibenzothiophene	Total	ND	1	5	ng/L	
Fluoranthene	Total	ND	1	5	ng/L	
Fluorene	Total	ND	1	5	ng/L	
Indeno[1,2,3-c,d]pyrene	Total	ND	1	5	ng/L	
Naphthalene	Total	2.1	1	5	ng/L	J
Perylene	Total	ND	1	5	ng/L	
Phenanthrene	Total	ND	1	5	ng/L	
Pyrene	Total	ND	1	5	ng/L	



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## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38527-R1</b>	<b>LACDPW-010316-ASBS-SO2 PRE</b>	<b>Matrix: Seawater</b>	<b>Sampled: 03-Jan-16 11:50</b>		<b>Received: 03-Jan-16</b>	
	Method: EPA 625	Batch ID: O-9034	Prepared: 07-Jan-16		Analyzed: 04-Feb-16	
(d10-Acenaphthene)	Total	78			% Recovery	
(d10-Phenanthrene)	Total	80			% Recovery	
(d12-Chrysene)	Total	102			% Recovery	
(d8-Naphthalene)	Total	70			% Recovery	
1-Methylnaphthalene	Total	ND	1	5	ng/L	
1-Methylphenanthrene	Total	ND	1	5	ng/L	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L	
2-Methylnaphthalene	Total	1.6	1	5	ng/L	J
Acenaphthene	Total	ND	1	5	ng/L	
Acenaphthylene	Total	ND	1	5	ng/L	
Anthracene	Total	ND	1	5	ng/L	
Benz[a]anthracene	Total	ND	1	5	ng/L	
Benzo[a]pyrene	Total	ND	1	5	ng/L	
Benzo[b]fluoranthene	Total	ND	1	5	ng/L	
Benzo[e]pyrene	Total	ND	1	5	ng/L	
Benzo[g,h,i]perylene	Total	ND	1	5	ng/L	
Benzo[k]fluoranthene	Total	ND	1	5	ng/L	
Biphenyl	Total	ND	1	5	ng/L	
Chrysene	Total	ND	1	5	ng/L	
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L	
Dibenzothiophene	Total	ND	1	5	ng/L	
Fluoranthene	Total	ND	1	5	ng/L	
Fluorene	Total	ND	1	5	ng/L	
Indeno[1,2,3-c,d]pyrene	Total	ND	1	5	ng/L	
Naphthalene	Total	2.7	1	5	ng/L	J
Perylene	Total	ND	1	5	ng/L	
Phenanthrene	Total	1.1	1	5	ng/L	J
Pyrene	Total	ND	1	5	ng/L	



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## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38744-R1</b>	<b>LACDPW-010616-ASBS-028</b>	<b>Matrix: Freshwater</b>	<b>Sampled: 06-Jan-16 16:20</b>		<b>Received: 06-Jan-16</b>	
	Method: EPA 625	Batch ID: O-9034	Prepared: 07-Jan-16		Analyzed: 04-Feb-16	
(d10-Acenaphthene)	Total	94			% Recovery	
(d10-Phenanthrene)	Total	89			% Recovery	
(d12-Chrysene)	Total	136			% Recovery	
(d8-Naphthalene)	Total	85			% Recovery	
1-Methylnaphthalene	Total	6.3	1	5	ng/L	
1-Methylphenanthrene	Total	42.8	1	5	ng/L	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L	
2-Methylnaphthalene	Total	11.3	1	5	ng/L	
Acenaphthene	Total	10.7	1	5	ng/L	
Acenaphthylene	Total	10.4	1	5	ng/L	
Anthracene	Total	36.1	1	5	ng/L	
Benz[a]anthracene	Total	104.6	1	5	ng/L	
Benzo[a]pyrene	Total	54.4	1	5	ng/L	
Benzo[b]fluoranthene	Total	124	1	5	ng/L	
Benzo[e]pyrene	Total	136.8	1	5	ng/L	
Benzo[g,h,i]perylene	Total	122.9	1	5	ng/L	
Benzo[k]fluoranthene	Total	35.4	1	5	ng/L	
Biphenyl	Total	5.3	1	5	ng/L	
Chrysene	Total	307.8	1	5	ng/L	
Dibenz[a,h]anthracene	Total	32.3	1	5	ng/L	
Dibenzothiophene	Total	24.9	1	5	ng/L	
Fluoranthene	Total	352.3	1	5	ng/L	
Fluorene	Total	12.6	1	5	ng/L	
Indeno[1,2,3-c,d]pyrene	Total	106.5	1	5	ng/L	
Naphthalene	Total	23.1	1	5	ng/L	
Perylene	Total	67.1	1	5	ng/L	
Phenanthrene	Total	255.5	1	5	ng/L	
Pyrene	Total	277.1	1	5	ng/L	

## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38745-R1</b>	<b>LACDPW-010616-ASBS-S02-Post</b>	<b>Matrix: Seawater</b>			<b>Sampled: 06-Jan-16 16:20</b>	<b>Received: 06-Jan-16</b>
	Method: EPA 625	Batch ID: O-9034			Prepared: 07-Jan-16	Analyzed: 04-Feb-16
(d10-Acenaphthene)	Total	90			% Recovery	
(d10-Phenanthrene)	Total	85			% Recovery	
(d12-Chrysene)	Total	112			% Recovery	
(d8-Naphthalene)	Total	81			% Recovery	
1-Methylnaphthalene	Total	1.3	1	5	ng/L	J
1-Methylphenanthrene	Total	ND	1	5	ng/L	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	2.9	1	5	ng/L	J
2-Methylnaphthalene	Total	2.1	1	5	ng/L	J
Acenaphthene	Total	1.4	1	5	ng/L	J
Acenaphthylene	Total	ND	1	5	ng/L	
Anthracene	Total	1.3	1	5	ng/L	J
Benz[a]anthracene	Total	2.7	1	5	ng/L	J
Benzo[a]pyrene	Total	1.7	1	5	ng/L	J
Benzo[b]fluoranthene	Total	3.1	1	5	ng/L	J
Benzo[e]pyrene	Total	2.6	1	5	ng/L	J
Benzo[g,h,i]perylene	Total	4	1	5	ng/L	J
Benzo[k]fluoranthene	Total	1.3	1	5	ng/L	J
Biphenyl	Total	ND	1	5	ng/L	
Chrysene	Total	4.6	1	5	ng/L	J
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L	
Dibenzothiophene	Total	ND	1	5	ng/L	
Fluoranthene	Total	6.9	1	5	ng/L	
Fluorene	Total	ND	1	5	ng/L	
Indeno[1,2,3-c,d]pyrene	Total	ND	1	5	ng/L	
Naphthalene	Total	3.9	1	5	ng/L	J
Perylene	Total	6.1	1	5	ng/L	
Phenanthrene	Total	6.3	1	5	ng/L	
Pyrene	Total	5.4	1	5	ng/L	



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## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38746-R1</b>	<b>LACDPW-010616-ASBS-016</b>	<b>Matrix: Freshwater</b>				
	Method: EPA 625	Batch ID: O-9034				
(d10-Acenaphthene)	Total	82			% Recovery	
(d10-Phenanthrene)	Total	88			% Recovery	
(d12-Chrysene)	Total	118			% Recovery	
(d8-Naphthalene)	Total	82			% Recovery	
1-Methylnaphthalene	Total	1.5	1	5	ng/L	J
1-Methylphenanthrene	Total	ND	1	5	ng/L	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L	
2-Methylnaphthalene	Total	2.7	1	5	ng/L	J
Acenaphthene	Total	6.7	1	5	ng/L	
Acenaphthylene	Total	ND	1	5	ng/L	
Anthracene	Total	17.4	1	5	ng/L	
Benz[a]anthracene	Total	9.2	1	5	ng/L	
Benzo[a]pyrene	Total	6.7	1	5	ng/L	
Benzo[b]fluoranthene	Total	18.1	1	5	ng/L	
Benzo[e]pyrene	Total	14.3	1	5	ng/L	
Benzo[g,h,i]perylene	Total	14.7	1	5	ng/L	
Benzo[k]fluoranthene	Total	5.6	1	5	ng/L	
Biphenyl	Total	2.1	1	5	ng/L	J
Chrysene	Total	24	1	5	ng/L	
Dibenz[a,h]anthracene	Total	7.1	1	5	ng/L	
Dibenzothiophene	Total	9.4	1	5	ng/L	
Fluoranthene	Total	23.9	1	5	ng/L	
Fluorene	Total	ND	1	5	ng/L	
Indeno[1,2,3-c,d]pyrene	Total	20.6	1	5	ng/L	
Naphthalene	Total	5.9	1	5	ng/L	
Perylene	Total	3.4	1	5	ng/L	J
Phenanthrene	Total	14.6	1	5	ng/L	
Pyrene	Total	20.6	1	5	ng/L	



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CA ELAP #2769

## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38747-R1</b>	<b>LACDPW-010616-ASBS-S01</b>	<b>Matrix: Seawater</b>	<b>Sampled: 06-Jan-16 17:15</b>		<b>Received: 06-Jan-16</b>	
	Method: EPA 625	Batch ID: O-9034	Prepared: 07-Jan-16		Analyzed: 04-Feb-16	
(d10-Acenaphthene)	Total	77			% Recovery	
(d10-Phenanthrene)	Total	84			% Recovery	
(d12-Chrysene)	Total	102			% Recovery	
(d8-Naphthalene)	Total	69			% Recovery	
1-Methylnaphthalene	Total	ND	1	5	ng/L	
1-Methylphenanthrene	Total	ND	1	5	ng/L	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	1.8	1	5	ng/L	J
2-Methylnaphthalene	Total	1.3	1	5	ng/L	J
Acenaphthene	Total	ND	1	5	ng/L	
Acenaphthylene	Total	ND	1	5	ng/L	
Anthracene	Total	ND	1	5	ng/L	
Benz[a]anthracene	Total	ND	1	5	ng/L	
Benzo[a]pyrene	Total	ND	1	5	ng/L	
Benzo[b]fluoranthene	Total	ND	1	5	ng/L	
Benzo[e]pyrene	Total	ND	1	5	ng/L	
Benzo[g,h,i]perylene	Total	ND	1	5	ng/L	
Benzo[k]fluoranthene	Total	ND	1	5	ng/L	
Biphenyl	Total	ND	1	5	ng/L	
Chrysene	Total	ND	1	5	ng/L	
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L	
Dibenzothiophene	Total	ND	1	5	ng/L	
Fluoranthene	Total	ND	1	5	ng/L	
Fluorene	Total	ND	1	5	ng/L	
Indeno[1,2,3-c,d]pyrene	Total	ND	1	5	ng/L	
Naphthalene	Total	2.1	1	5	ng/L	J
Perylene	Total	ND	1	5	ng/L	
Phenanthrene	Total	1.1	1	5	ng/L	J
Pyrene	Total	ND	1	5	ng/L	



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CA ELAP #2769

## Pyrethroids

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 38526-R1</b> <b>LACDPW-010316-ASBS-SO1 PRE</b> <b>Matrix: Seawater</b> <b>Sampled: 03-Jan-16 12:30</b> <b>Received: 03-Jan-16</b> Method: EPA 625-NCI      Batch ID: O-9034      Prepared: 07-Jan-16      Analyzed: 20-Jan-16						
Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	ND	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.5	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	ND	0.5	2	ng/L	
Fenvalerate	Total	ND	0.5	2	ng/L	
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	5	10	ng/L	
Permethrin, trans-	Total	ND	5	10	ng/L	
Prallethrin	Total	ND	0.5	2	ng/L	
Resmethrin	Total	ND	5	10	ng/L	
<b>Sample ID: 38527-R1</b> <b>LACDPW-010316-ASBS-SO2 PRE</b> <b>Matrix: Seawater</b> <b>Sampled: 03-Jan-16 11:50</b> <b>Received: 03-Jan-16</b> Method: EPA 625-NCI      Batch ID: O-9034      Prepared: 07-Jan-16      Analyzed: 20-Jan-16						
Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	ND	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.5	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	ND	0.5	2	ng/L	
Fenvalerate	Total	ND	0.5	2	ng/L	
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	5	10	ng/L	
Permethrin, trans-	Total	ND	5	10	ng/L	
Prallethrin	Total	ND	0.5	2	ng/L	



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# Pyrethroids

# ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Resmethrin	Total	ND	5	10	ng/L	

**Sample ID: 38744-R1**

**LACDPW-010616-ASBS-028**

**Matrix: Freshwater**

**Sampled: 06-Jan-16 16:20**

**Received: 06-Jan-16**

Method: EPA 625-NCI

Batch ID: O-9034

Prepared: 07-Jan-16

Analyzed: 20-Jan-16

Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	164.2	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	3.9	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.5	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	3.3	0.5	2	ng/L	
Fenvalerate	Total	1.1	0.5	2	ng/L	J
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	5	10	ng/L	
Permethrin, trans-	Total	ND	5	10	ng/L	
Prallethrin	Total	ND	0.5	2	ng/L	
Resmethrin	Total	ND	5	10	ng/L	

**Sample ID: 38745-R1**

**LACDPW-010616-ASBS-S02-Post**

**Matrix: Seawater**

**Sampled: 06-Jan-16 16:20**

**Received: 06-Jan-16**

Method: EPA 625-NCI

Batch ID: O-9034

Prepared: 07-Jan-16

Analyzed: 20-Jan-16

Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	ND	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.5	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	ND	0.5	2	ng/L	
Fenvalerate	Total	ND	0.5	2	ng/L	
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	5	10	ng/L	
Permethrin, trans-	Total	ND	5	10	ng/L	





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## Pyrethroids

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Prallethrin	Total	ND	0.5	2	ng/L	
Resmethrin	Total	ND	5	10	ng/L	

**Sample ID: 38746-R1**

**LACDPW-010616-ASBS-016**

**Matrix: Freshwater**

**Sampled: 06-Jan-16 17:15**

**Received: 06-Jan-16**

Method: EPA 625-NCI

Batch ID: O-9034

Prepared: 07-Jan-16

Analyzed: 20-Jan-16

Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	ND	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.5	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	ND	0.5	2	ng/L	
Fenvalerate	Total	ND	0.5	2	ng/L	
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	5	10	ng/L	
Permethrin, trans-	Total	ND	5	10	ng/L	
Prallethrin	Total	ND	0.5	2	ng/L	
Resmethrin	Total	ND	5	10	ng/L	

**Sample ID: 38747-R1**

**LACDPW-010616-ASBS-S01**

**Matrix: Seawater**

**Sampled: 06-Jan-16 17:15**

**Received: 06-Jan-16**

Method: EPA 625-NCI

Batch ID: O-9034

Prepared: 07-Jan-16

Analyzed: 20-Jan-16

Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	ND	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.5	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	ND	0.5	2	ng/L	
Fenvalerate	Total	ND	0.5	2	ng/L	
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	5	10	ng/L	



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## Pyrethroids

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Permethrin, trans-	Total	ND	5	10	ng/L	
Prallethrin	Total	ND	0.5	2	ng/L	
Resmethrin	Total	ND	5	10	ng/L	

# PHYSICS

# QUALITY CONTROL

# REPORT

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## Conventionals

## QUALITY CONTROL REPORT

SAMPLE ID	BATCH ID	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	LIMITS	PRECISION %	LIMITS	QA CODE
<b>Ammonia as N</b>			<b>Method: SM 4500-NH<sub>3</sub> D</b>			<b>Fraction: NA</b>			<b>Prepared: 28-Jan-16</b>		<b>Analyzed: 28-Jan-16</b>	
38524-B1	QAQC Procedural Blank	C-18115	ND	0.02	0.05	mg/L						
38524-BS1	QAQC Procedural Blank	C-18115	0.25	0.02	0.05	mg/L	0.25	0	100	80 - 120%	PASS	
38524-BS2	QAQC Procedural Blank	C-18115	0.25	0.02	0.05	mg/L	0.25	0	100	80 - 120%	PASS	0 25 PASS
38526-MS1	LACDPW-010316-ASBS-	C-18115	0.32	0.02	0.05	mg/L	0.25	0	128	80 - 120%	PASS	PASS Q
38526-MS2	LACDPW-010316-ASBS-	C-18115	0.32	0.02	0.05	mg/L	0.25	0	128	80 - 120%	PASS	0 25 PASS Q
38526-R2	LACDPW-010316-ASBS-	C-18115	ND	0.02	0.05	mg/L						0 25 PASS
<b>Nitrate as N</b>			<b>Method: SM 4500-NO<sub>3</sub> E</b>			<b>Fraction: NA</b>			<b>Prepared: 05-Jan-16</b>		<b>Analyzed: 26-Jan-16</b>	
38524-B1	QAQC Procedural Blank	C-23155	ND	0.01	0.05	mg/L						
38524-BS1	QAQC Procedural Blank	C-23155	0.52	0.01	0.05	mg/L	0.5	0	104	80 - 120%	PASS	
38524-BS2	QAQC Procedural Blank	C-23155	0.52	0.01	0.05	mg/L	0.5	0	104	80 - 120%	PASS	0 25 PASS
38526-MS1	LACDPW-010316-ASBS-	C-23155	0.57	0.01	0.05	mg/L	0.5	0.02	110	80 - 120%	PASS	
38526-MS2	LACDPW-010316-ASBS-	C-23155	0.58	0.01	0.05	mg/L	0.5	0.02	112	80 - 120%	PASS	2 25 PASS
38526-R2	LACDPW-010316-ASBS-	C-23155	0.02	0.01	0.05	mg/L						0 25 PASS J
<b>Oil &amp; Grease</b>			<b>Method: EPA 1664B</b>			<b>Fraction: NA</b>			<b>Prepared: 25-Jan-16</b>		<b>Analyzed: 25-Jan-16</b>	
38524-B1	QAQC Procedural Blank	C-19048	ND	1	1	mg/L						
38524-BS1	QAQC Procedural Blank	C-19048	36.2	1	1	mg/L	40	0	91	80 - 120%	PASS	
38524-BS2	QAQC Procedural Blank	C-19048	37.5	1	1	mg/L	40	0	94	80 - 120%	PASS	4 25 PASS
<b>Total Orthophosphate as P</b>			<b>Method: SM 4500-P E</b>			<b>Fraction: NA</b>			<b>Prepared: 05-Jan-16</b>		<b>Analyzed: 05-Jan-16</b>	
38524-B1	QAQC Procedural Blank	C-23143	ND	0.01	0.02	mg/L						
38524-BS1	QAQC Procedural Blank	C-23143	0.19	0.01	0.02	mg/L	0.2	0	95	80 - 120%	PASS	
38524-BS2	QAQC Procedural Blank	C-23143	0.2	0.01	0.02	mg/L	0.2	0	100	80 - 120%	PASS	5 25 PASS
38526-MS1	LACDPW-010316-ASBS-	C-23143	0.22	0.01	0.02	mg/L	0.2	0.03	95	80 - 120%	PASS	
38526-MS2	LACDPW-010316-ASBS-	C-23143	0.22	0.01	0.02	mg/L	0.2	0.03	95	80 - 120%	PASS	0 25 PASS
38526-R2	LACDPW-010316-ASBS-	C-23143	0.03	0.01	0.02	mg/L						0 25 PASS
38745-MS1	LACDPW-010616-ASBS-	C-23150	0.23	0.01	0.02	mg/L	0.2	0.04	95	80 - 120%	PASS	
38745-MS2	LACDPW-010616-ASBS-	C-23150	0.24	0.01	0.02	mg/L	0.2	0.04	100	80 - 120%	PASS	5 25 PASS
38745-R2	LACDPW-010616-ASBS-	C-23150	0.04	0.01	0.02	mg/L						0 25 PASS
38748-B1	QAQC Procedural Blank	C-23150	ND	0.01	0.02	mg/L						



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## Conventionals

## QUALITY CONTROL REPORT

SAMPLE ID	BATCH ID	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY		PRECISION		QA CODE
								%	LIMITS	%	LIMITS	
38748-BS1	QAQC Procedural Blank	C-23150	0.2	0.01	0.02	mg/L	0.2	0	100	80 - 120%	PASS	
38748-BS2	QAQC Procedural Blank	C-23150	0.21	0.01	0.02	mg/L	0.2	0	105	80 - 120%	PASS	5 25 PASS
<b>Total Suspended Solids</b>		<b>Method: SM 2540 D</b>		<b>Fraction: NA</b>		<b>Prepared: 09-Jan-16</b>		<b>Analyzed: 09-Jan-16</b>				
38524-B1	QAQC Procedural Blank	C-17143	ND	0.5	0.5	mg/L						
38744-R2	LACDPW-010616-ASBS-	C-17143	952	0.5	0.5	mg/L					9 25	PASS



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## Elements

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	PRECISION %	QA CODE
								LIMITS	LIMITS	

Sample ID: 38524-B1

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 1640

Batch ID: E-10073

Prepared: 11-Feb-16

Analyzed: 20-Feb-16

Arsenic (As)	Total	ND	0.005	0.015	µg/L					
Cadmium (Cd)	Total	ND	0.0025	0.005	µg/L					
Chromium (Cr)	Total	ND	0.0125	0.025	µg/L					
Copper (Cu)	Total	ND	0.005	0.01	µg/L					
Lead (Pb)	Total	ND	0.0025	0.005	µg/L					
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L					
Nickel (Ni)	Total	ND	0.0025	0.005	µg/L					
Selenium (Se)	Total	ND	0.005	0.015	µg/L					
Silver (Ag)	Total	ND	0.01	0.02	µg/L					
Zinc (Zn)	Total	ND	0.0025	0.005	µg/L					

Sample ID: 38525-LCM1

QAQC LCM - Physis Seawater

Matrix: Seawater

Sampled:

Received:

Method: EPA 1640

Batch ID: E-10073

Prepared: 11-Feb-16

Analyzed: 20-Feb-16

Arsenic (As)	Total	1.731	0.005	0.015	µg/L					
Cadmium (Cd)	Total	0.0839	0.0025	0.005	µg/L					
Chromium (Cr)	Total	0.182	0.0125	0.025	µg/L					
Copper (Cu)	Total	0.149	0.005	0.01	µg/L					
Lead (Pb)	Total	0.0067	0.0025	0.005	µg/L					
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L					
Nickel (Ni)	Total	0.355	0.0025	0.005	µg/L					
Selenium (Se)	Total	0.033	0.005	0.015	µg/L					
Silver (Ag)	Total	0.06	0.01	0.02	µg/L					
Zinc (Zn)	Total	0.7389	0.0025	0.005	µg/L					

Sample ID: 38525-LCS1

QAQC LCM - Physis Seawater

Matrix: Seawater

Sampled:

Received:

Method: EPA 1640

Batch ID: E-10073

Prepared: 11-Feb-16

Analyzed: 20-Feb-16

Arsenic (As)	Total	22.176	0.005	0.015	µg/L	20	1.731	102	75 - 125%	PASS
Cadmium (Cd)	Total	16.8781	0.0025	0.005	µg/L	20	0.0839	84	75 - 125%	PASS
Chromium (Cr)	Total	21.3525	0.0125	0.025	µg/L	20	0.182	106	75 - 125%	PASS
Copper (Cu)	Total	19.244	0.005	0.01	µg/L	20	0.149	95	75 - 125%	PASS



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## Elements

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY		PRECISION		QA CODE
								%	LIMITS	%	LIMITS	
Lead (Pb)	Total	18.7909	0.0025	0.005	µg/L	20	0.0067	94	75 - 125%	PASS		
Mercury (Hg)	Total	8.7439	0.0012	0.005	µg/L	10	0	87	75 - 125%	PASS		
Nickel (Ni)	Total	18.5916	0.0025	0.005	µg/L	20	0.355	91	75 - 125%	PASS		
Selenium (Se)	Total	20.089	0.005	0.015	µg/L	20	0.033	100	75 - 125%	PASS		
Silver (Ag)	Total	9.63	0.01	0.02	µg/L	10	0.06	96	75 - 125%	PASS		
Zinc (Zn)	Total	17.4756	0.0025	0.005	µg/L	20	0.7389	84	75 - 125%	PASS		

Sample ID: 38525-LCS2

QAQC LCM - Physis Seawater

Matrix: Seawater

Sampled:

Received:

Method: EPA 1640

Batch ID: E-10073

Prepared: 11-Feb-16

Analyzed: 20-Feb-16

Arsenic (As)	Total	20.981	0.005	0.015	µg/L	20	1.731	96	75 - 125%	PASS	6	25	PASS
Cadmium (Cd)	Total	16.4895	0.0025	0.005	µg/L	20	0.0839	82	75 - 125%	PASS	2	25	PASS
Chromium (Cr)	Total	20.7739	0.0125	0.025	µg/L	20	0.182	103	75 - 125%	PASS	3	25	PASS
Copper (Cu)	Total	18.967	0.005	0.01	µg/L	20	0.149	94	75 - 125%	PASS	1	25	PASS
Lead (Pb)	Total	18.2203	0.0025	0.005	µg/L	20	0.0067	91	75 - 125%	PASS	3	25	PASS
Mercury (Hg)	Total	8.4421	0.0012	0.005	µg/L	10	0	84	75 - 125%	PASS	4	25	PASS
Nickel (Ni)	Total	18.1838	0.0025	0.005	µg/L	20	0.355	89	75 - 125%	PASS	2	25	PASS
Selenium (Se)	Total	19.939	0.005	0.015	µg/L	20	0.033	100	75 - 125%	PASS	0	25	PASS
Silver (Ag)	Total	9.51	0.01	0.02	µg/L	10	0.06	94	75 - 125%	PASS	2	25	PASS
Zinc (Zn)	Total	16.4964	0.0025	0.005	µg/L	20	0.7389	79	75 - 125%	PASS	6	25	PASS

Sample ID: 38526-R2

LACDPW-010316-ASBS-SO1 PRE

Matrix: Seawater

Sampled: 03-Jan-16 12:30

Received: 03-Jan-16

Method: EPA 1640

Batch ID: E-10073

Prepared: 11-Feb-16

Analyzed: 20-Feb-16

Arsenic (As)	Total	1.465	0.005	0.015	µg/L						4	25	PASS
Cadmium (Cd)	Total	0.0305	0.0025	0.005	µg/L						16	25	PASS
Chromium (Cr)	Total	0.5959	0.0125	0.025	µg/L						61	25	FAIL NH
Copper (Cu)	Total	0.386	0.005	0.01	µg/L						3	25	PASS
Lead (Pb)	Total	0.3149	0.0025	0.005	µg/L						2	25	PASS
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L						0	25	PASS
Nickel (Ni)	Total	0.9567	0.0025	0.005	µg/L						3	25	PASS
Selenium (Se)	Total	0.018	0.005	0.015	µg/L						11	25	PASS
Silver (Ag)	Total	0.08	0.01	0.02	µg/L						0	25	PASS
Zinc (Zn)	Total	0.2144	0.0025	0.005	µg/L						53	25	FAIL NH



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## Elements

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY % LIMITS	PRECISION % LIMITS	QA CODE
<b>Sample ID: 38744-R2</b>		<b>LACDPW-010616-ASBS-028</b>			<b>Matrix: Freshwater</b>		<b>Sampled: 06-Jan-16 16:20</b>		<b>Received: 06-Jan-16</b>	
Method: EPA 1640		Batch ID: E-10073			Prepared: 11-Feb-16		Analyzed: 19-Feb-16			
Arsenic (As)	Total	3.94	0.005	0.015	µg/L				59 25	FAIL NH
Cadmium (Cd)	Total	8.9511	0.0025	0.005	µg/L				7 25	PASS
Chromium (Cr)	Total	34.506	0.0125	0.025	µg/L				6 25	PASS
Copper (Cu)	Total	70.083	0.005	0.01	µg/L				2 25	PASS
Lead (Pb)	Total	33.3159	0.0025	0.005	µg/L				1 25	PASS
Mercury (Hg)	Total	0.5363	0.0012	0.005	µg/L				4 25	PASS
Nickel (Ni)	Total	71.7218	0.0025	0.005	µg/L				3 25	PASS
Selenium (Se)	Total	1.387	0.005	0.015	µg/L				7 25	PASS
Silver (Ag)	Total	0.06	0.01	0.02	µg/L				143 25	FAIL SL
Zinc (Zn)	Total	422.4352	0.0025	0.005	µg/L				2 25	PASS





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## Organophosphorus Pesticides

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	PRECISION %	QA CODE
								LIMITS	LIMITS	

Sample ID: 38524-B1

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625

Batch ID: O-9034

Prepared: 06-Jan-16

Analyzed: 03-Feb-16

(PCB030)	Total	91			% Recovery	100		91	57 - 133%	PASS
(PCB112)	Total	90			% Recovery	100		90	65 - 133%	PASS
(PCB198)	Total	95			% Recovery	100		95	69 - 133%	PASS
(TCMX)	Total	85			% Recovery	100		85	39 - 135%	PASS
Bolstar (Sulprofos)	Total	ND	2	4	ng/L					
Chlorpyrifos	Total	ND	0.5	1	ng/L					
Demeton	Total	ND	1	2	ng/L					
Diazinon	Total	ND	0.5	1	ng/L					
Dichlorvos	Total	ND	3	6	ng/L					
Dimethoate	Total	ND	5	10	ng/L					
Disulfoton	Total	ND	1	2	ng/L					
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L					
Fenchlorphos (Ronnel)	Total	ND	2	4	ng/L					
Fensulfothion	Total	ND	1	2	ng/L					
Fenthion	Total	ND	2	4	ng/L					
Malathion	Total	ND	3	6	ng/L					
Methidathion	Total	ND	5	10	ng/L					
Methyl parathion	Total	ND	1	2	ng/L					
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L					
Phorate	Total	ND	5	10	ng/L					
Phosmet	Total	ND	5	10	ng/L					
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L					
Tokuthion	Total	ND	3	6	ng/L					
Trichloronate	Total	ND	1	2	ng/L					

Sample ID: 38524-BS1

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625

Batch ID: O-9034

Prepared: 06-Jan-16

Analyzed: 03-Feb-16

(PCB030)	Total	65			% Recovery	100	0	65	57 - 133%	PASS
(PCB112)	Total	65			% Recovery	100	0	65	65 - 133%	PASS



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# Organophosphorus Pesticides

# QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY		PRECISION		QA CODE
								%	LIMITS	%	LIMITS	
(PCB198)	Total	69			% Recovery	100	0	69	69 - 133%	PASS		
(TCMX)	Total	60			% Recovery	100	0	60	39 - 135%	PASS		
Bolstar (Sulprofos)	Total	346.4	2	4	ng/L	500	0	69	50 - 150%	PASS		
Chlorpyrifos	Total	385.9	0.5	1	ng/L	500	0	77	50 - 150%	PASS		
Demeton	Total	254.3	1	2	ng/L	500	0	51	50 - 150%	PASS		
Diazinon	Total	436.3	0.5	1	ng/L	500	0	87	50 - 150%	PASS		
Dichlorvos	Total	377.2	3	6	ng/L	500	0	75	50 - 150%	PASS		
Dimethoate	Total	353.2	5	10	ng/L	500	0	71	50 - 150%	PASS		
Disulfoton	Total	420.9	1	2	ng/L	500	0	84	50 - 150%	PASS		
Ethoprop (Ethoprofos)	Total	388.5	1	2	ng/L	500	0	78	50 - 150%	PASS		
Fenchlorphos (Ronnel)	Total	396.5	2	4	ng/L	500	0	79	50 - 150%	PASS		
Fensulfothion	Total	411.9	1	2	ng/L	500	0	82	50 - 150%	PASS		
Fenthion	Total	299.6	2	4	ng/L	500	0	60	50 - 150%	PASS		
Malathion	Total	284.2	3	6	ng/L	500	0	57	50 - 150%	PASS		
Methodathion	Total	228.1	5	10	ng/L	500	0	46	50 - 150%	PASS	PASS	Q
Methyl parathion	Total	468.8	1	2	ng/L	500	0	94	50 - 150%	PASS		
Mevinphos (Phosdrin)	Total	396	5	10	ng/L	500	0	79	50 - 150%	PASS		
Phorate	Total	301	5	10	ng/L	500	0	60	50 - 150%	PASS		
Phosmet	Total	254.9	5	10	ng/L	500	0	51	50 - 150%	PASS		
Tetrachlorvinphos (Stirofos)	Total	338.7	2	4	ng/L	500	0	68	50 - 150%	PASS		
Tokuthion	Total	378.8	3	6	ng/L	500	0	76	50 - 150%	PASS		
Trichloronate	Total	378.3	1	2	ng/L	500	0	76	50 - 150%	PASS		

Sample ID: 38524-BS2

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625

Batch ID: O-9034

Prepared: 06-Jan-16

Analyzed: 03-Feb-16

(PCB030)	Total	76			% Recovery	100	0	76	57 - 133%	PASS	16	30	PASS
(PCB112)	Total	73			% Recovery	100	0	73	65 - 133%	PASS	12	30	PASS
(PCB198)	Total	78			% Recovery	100	0	78	69 - 133%	PASS	12	30	PASS
(TCMX)	Total	71			% Recovery	100	0	71	39 - 135%	PASS	17	30	PASS
Bolstar (Sulprofos)	Total	423.9	2	4	ng/L	500	0	85	50 - 150%	PASS	21	25	PASS
Chlorpyrifos	Total	472.5	0.5	1	ng/L	500	0	94	50 - 150%	PASS	20	25	PASS
Demeton	Total	294.7	1	2	ng/L	500	0	59	50 - 150%	PASS	15	25	PASS



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## Organophosphorus Pesticides

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY		PRECISION		QA CODE	
								%	LIMITS	%	LIMITS		
Diazinon	Total	511.6	0.5	1	ng/L	500	0	102	50 - 150%	PASS	16	25	PASS
Dichlorvos	Total	430	3	6	ng/L	500	0	86	50 - 150%	PASS	14	25	PASS
Dimethoate	Total	323	5	10	ng/L	500	0	65	50 - 150%	PASS	9	25	PASS
Disulfoton	Total	482.6	1	2	ng/L	500	0	97	50 - 150%	PASS	14	25	PASS
Ethoprop (Ethoprofos)	Total	456.5	1	2	ng/L	500	0	91	50 - 150%	PASS	15	25	PASS
Fenclorphos (Ronnel)	Total	475.1	2	4	ng/L	500	0	95	50 - 150%	PASS	18	25	PASS
Fensulfothion	Total	369.5	1	2	ng/L	500	0	74	50 - 150%	PASS	10	25	PASS
Fenthion	Total	373.8	2	4	ng/L	500	0	75	50 - 150%	PASS	22	25	PASS
Malathion	Total	356.5	3	6	ng/L	500	0	71	50 - 150%	PASS	22	25	PASS
Methidathion	Total	256.4	5	10	ng/L	500	0	51	50 - 150%	PASS	10	25	PASS
Methyl parathion	Total	585.3	1	2	ng/L	500	0	117	50 - 150%	PASS	22	25	PASS
Mevinphos (Phosdrin)	Total	376.9	5	10	ng/L	500	0	75	50 - 150%	PASS	5	25	PASS
Phorate	Total	363.3	5	10	ng/L	500	0	73	50 - 150%	PASS	20	25	PASS
Phosmet	Total	301.2	5	10	ng/L	500	0	60	50 - 150%	PASS	16	25	PASS
Tetrachlorvinphos (Stirofos)	Total	403.7	2	4	ng/L	500	0	81	50 - 150%	PASS	17	25	PASS
Tokuthion	Total	375.8	3	6	ng/L	500	0	75	50 - 150%	PASS	1	25	PASS
Trichloronate	Total	394.1	1	2	ng/L	500	0	79	50 - 150%	PASS	4	25	PASS



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## Polynuclear Aromatic Hydrocarbons

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	PRECISION %	QA CODE
								LIMITS	LIMITS	

Sample ID: 38524-B1

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625

Batch ID: O-9034

Prepared: 06-Jan-16

Analyzed: 03-Feb-16

(d10-Acenaphthene)	Total	100			% Recovery	100		100	65 - 113%	PASS
(d10-Phenanthrene)	Total	92			% Recovery	100		92	80 - 111%	PASS
(d12-Chrysene)	Total	99			% Recovery	100		99	60 - 139%	PASS
(d8-Naphthalene)	Total	101			% Recovery	100		101	44 - 119%	PASS
1-Methylnaphthalene	Total	ND	1	5	ng/L					
1-Methylphenanthrene	Total	ND	1	5	ng/L					
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L					
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L					
2-Methylnaphthalene	Total	ND	1	5	ng/L					
Acenaphthene	Total	ND	1	5	ng/L					
Acenaphthylene	Total	ND	1	5	ng/L					
Anthracene	Total	ND	1	5	ng/L					
Benz[a]anthracene	Total	ND	1	5	ng/L					
Benzo[a]pyrene	Total	ND	1	5	ng/L					
Benzo[b]fluoranthene	Total	ND	1	5	ng/L					
Benzo[e]pyrene	Total	ND	1	5	ng/L					
Benzo[g,h,i]perylene	Total	ND	1	5	ng/L					
Benzo[k]fluoranthene	Total	ND	1	5	ng/L					
Biphenyl	Total	ND	1	5	ng/L					
Chrysene	Total	ND	1	5	ng/L					
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L					
Dibenzothiophene	Total	ND	1	5	ng/L					
Fluoranthene	Total	ND	1	5	ng/L					
Fluorene	Total	ND	1	5	ng/L					
Indeno[1,2,3-c,d]pyrene	Total	ND	1	5	ng/L					
Naphthalene	Total	ND	1	5	ng/L					
Perylene	Total	ND	1	5	ng/L					
Phenanthrene	Total	ND	1	5	ng/L					
Pyrene	Total	ND	1	5	ng/L					



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# Polynuclear Aromatic Hydrocarbons

# QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	PRECISION %	QA CODE
								LIMITS	LIMITS	
<b>Sample ID: 38524-BS1</b>		<b>QAQC Procedural Blank</b>			<b>Matrix: DI Water</b>			<b>Sampled:</b>		<b>Received:</b>
		Method: EPA 625			Batch ID: O-9034			Prepared: 06-Jan-16		Analyzed: 03-Feb-16
(d10-Acenaphthene)	Total	88			% Recovery	100	0	88	65 - 113%	PASS
(d10-Phenanthrene)	Total	84			% Recovery	100	0	84	80 - 111%	PASS
(d12-Chrysene)	Total	95			% Recovery	100	0	95	60 - 139%	PASS
(d8-Naphthalene)	Total	84			% Recovery	100	0	84	44 - 119%	PASS
1-Methylnaphthalene	Total	468.6	1	5	ng/L	500	0	94	50 - 150%	PASS
1-Methylphenanthrene	Total	426.4	1	5	ng/L	500	0	85	50 - 150%	PASS
2,3,5-Trimethylnaphthalene	Total	448	1	5	ng/L	500	0	90	50 - 150%	PASS
2,6-Dimethylnaphthalene	Total	462.2	1	5	ng/L	500	0	92	50 - 150%	PASS
2-Methylnaphthalene	Total	463.7	1	5	ng/L	500	0	93	50 - 150%	PASS
Acenaphthene	Total	463.7	1	5	ng/L	500	0	93	50 - 150%	PASS
Acenaphthylene	Total	418.6	1	5	ng/L	500	0	84	50 - 150%	PASS
Anthracene	Total	324.5	1	5	ng/L	500	0	65	50 - 150%	PASS
Benz[a]anthracene	Total	467.8	1	5	ng/L	500	0	94	50 - 150%	PASS
Benzo[a]pyrene	Total	409.5	1	5	ng/L	500	0	82	50 - 150%	PASS
Benzo[b]fluoranthene	Total	422.8	1	5	ng/L	500	0	85	50 - 150%	PASS
Benzo[e]pyrene	Total	467.7	1	5	ng/L	500	0	94	50 - 150%	PASS
Benzo[g,h,i]perylene	Total	425.7	1	5	ng/L	500	0	85	50 - 150%	PASS
Benzo[k]fluoranthene	Total	427	1	5	ng/L	500	0	85	50 - 150%	PASS
Biphenyl	Total	473.8	1	5	ng/L	500	0	95	50 - 150%	PASS
Chrysene	Total	506.8	1	5	ng/L	500	0	101	50 - 150%	PASS
Dibenz[a,h]anthracene	Total	427.1	1	5	ng/L	500	0	85	50 - 150%	PASS
Dibenzothiophene	Total	441.9	1	5	ng/L	500	0	88	50 - 150%	PASS
Fluoranthene	Total	409.1	1	5	ng/L	500	0	82	50 - 150%	PASS
Fluorene	Total	442.7	1	5	ng/L	500	0	89	50 - 150%	PASS
Indeno[1,2,3-c,d]pyrene	Total	432.6	1	5	ng/L	500	0	87	50 - 150%	PASS
Naphthalene	Total	469.1	1	5	ng/L	500	0	94	50 - 150%	PASS
Perylene	Total	414.7	1	5	ng/L	500	0	83	50 - 150%	PASS
Phenanthrene	Total	435.9	1	5	ng/L	500	0	87	50 - 150%	PASS
Pyrene	Total	419.8	1	5	ng/L	500	0	84	50 - 150%	PASS



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# Polynuclear Aromatic Hydrocarbons

# QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	PRECISION %	QA CODE
								LIMITS	LIMITS	

Sample ID: 38524-BS2

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625

Batch ID: O-9034

Prepared: 06-Jan-16

Analyzed: 03-Feb-16

(d10-Acenaphthene)	Total	99			% Recovery	100	0	99	65 - 113%	PASS	12	30	PASS
(d10-Phenanthrene)	Total	94			% Recovery	100	0	94	80 - 111%	PASS	11	30	PASS
(d12-Chrysene)	Total	111			% Recovery	100	0	111	60 - 139%	PASS	16	30	PASS
(d8-Naphthalene)	Total	92			% Recovery	100	0	92	44 - 119%	PASS	9	30	PASS
1-Methylnaphthalene	Total	552.9	1	5	ng/L	500	0	111	50 - 150%	PASS	17	25	PASS
1-Methylphenanthrene	Total	498.9	1	5	ng/L	500	0	100	50 - 150%	PASS	16	25	PASS
2,3,5-Trimethylnaphthalene	Total	531.6	1	5	ng/L	500	0	106	50 - 150%	PASS	16	25	PASS
2,6-Dimethylnaphthalene	Total	537.2	1	5	ng/L	500	0	107	50 - 150%	PASS	15	25	PASS
2-Methylnaphthalene	Total	545.2	1	5	ng/L	500	0	109	50 - 150%	PASS	16	25	PASS
Acenaphthene	Total	536.6	1	5	ng/L	500	0	107	50 - 150%	PASS	14	25	PASS
Acenaphthylene	Total	491.2	1	5	ng/L	500	0	98	50 - 150%	PASS	15	25	PASS
Anthracene	Total	377.4	1	5	ng/L	500	0	75	50 - 150%	PASS	14	25	PASS
Benz[a]anthracene	Total	572.8	1	5	ng/L	500	0	115	50 - 150%	PASS	20	25	PASS
Benzo[a]pyrene	Total	480.8	1	5	ng/L	500	0	96	50 - 150%	PASS	16	25	PASS
Benzo[b]fluoranthene	Total	510.6	1	5	ng/L	500	0	102	50 - 150%	PASS	18	25	PASS
Benzo[e]pyrene	Total	549.4	1	5	ng/L	500	0	110	50 - 150%	PASS	16	25	PASS
Benzo[g,h,i]perylene	Total	506.8	1	5	ng/L	500	0	101	50 - 150%	PASS	17	25	PASS
Benzo[k]fluoranthene	Total	521	1	5	ng/L	500	0	104	50 - 150%	PASS	20	25	PASS
Biphenyl	Total	550.5	1	5	ng/L	500	0	110	50 - 150%	PASS	15	25	PASS
Chrysene	Total	602.6	1	5	ng/L	500	0	121	50 - 150%	PASS	18	25	PASS
Dibenz[a,h]anthracene	Total	501.1	1	5	ng/L	500	0	100	50 - 150%	PASS	16	25	PASS
Dibenzothiophene	Total	511.8	1	5	ng/L	500	0	102	50 - 150%	PASS	15	25	PASS
Fluoranthene	Total	477.8	1	5	ng/L	500	0	96	50 - 150%	PASS	16	25	PASS
Fluorene	Total	517.1	1	5	ng/L	500	0	103	50 - 150%	PASS	15	25	PASS
Indeno[1,2,3-c,d]pyrene	Total	501.7	1	5	ng/L	500	0	100	50 - 150%	PASS	14	25	PASS
Naphthalene	Total	556.3	1	5	ng/L	500	0	111	50 - 150%	PASS	17	25	PASS
Perylene	Total	484.5	1	5	ng/L	500	0	97	50 - 150%	PASS	16	25	PASS
Phenanthrene	Total	503.9	1	5	ng/L	500	0	101	50 - 150%	PASS	15	25	PASS
Pyrene	Total	486.6	1	5	ng/L	500	0	97	50 - 150%	PASS	14	25	PASS



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CA ELAP #2769

## Pyrethroids

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	PRECISION %	QA CODE
								LIMITS	LIMITS	

Sample ID: 38524-B1

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625-NCI

Batch ID: O-9034

Prepared: 06-Jan-16

Analyzed: 19-Jan-16

Allethrin	Total	ND	0.5	2	ng/L					
Bifenthrin	Total	ND	0.5	2	ng/L					
Cyfluthrin	Total	ND	0.5	2	ng/L					
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L					
Cypermethrin	Total	ND	0.5	2	ng/L					
Danitol (Fenpropathrin)	Total	ND	0.5	2	ng/L					
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L					
Esfenvalerate	Total	ND	0.5	2	ng/L					
Fenvalerate	Total	ND	0.5	2	ng/L					
Fluvalinate	Total	ND	0.5	2	ng/L					
Permethrin, cis-	Total	ND	5	10	ng/L					
Permethrin, trans-	Total	ND	5	10	ng/L					
Prallethrin	Total	ND	0.5	2	ng/L					
Resmethrin	Total	ND	5	10	ng/L					

Sample ID: 38524-BS1

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625-NCI

Batch ID: O-9034

Prepared: 06-Jan-16

Analyzed: 19-Jan-16

Allethrin	Total	308.4	0.5	2	ng/L	500	0	62	50 - 150%	PASS	R
Bifenthrin	Total	338.2	0.5	2	ng/L	500	0	68	50 - 150%	PASS	
Cyfluthrin	Total	406.6	0.5	2	ng/L	505	0	81	50 - 150%	PASS	
Cyhalothrin, Total Lambda	Total	369	0.5	2	ng/L	500	0	74	50 - 150%	PASS	
Cypermethrin	Total	413.6	0.5	2	ng/L	500	0	83	50 - 150%	PASS	
Danitol (Fenpropathrin)	Total	358.4	0.5	2	ng/L	500	0	72	50 - 150%	PASS	
Deltamethrin/Tralomethrin	Total	448.3	0.5	2	ng/L	500	0	90	50 - 150%	PASS	
Esfenvalerate	Total	428.3	0.5	2	ng/L	500	0	86	50 - 150%	PASS	
Fenvalerate	Total	422.1	0.5	2	ng/L	500	0	84	50 - 150%	PASS	
Fluvalinate	Total	443.7	0.5	2	ng/L	500	0	89	50 - 150%	PASS	
Permethrin, cis-	Total	99.3	5	10	ng/L	133.5	0	74	50 - 150%	PASS	
Permethrin, trans-	Total	294.9	5	10	ng/L	358	0	82	50 - 150%	PASS	





1904 E. Wright Circle, Anaheim CA 92806

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info@physislabs.com

CA ELAP #2769

## Pyrethroids

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY		PRECISION		QA CODE
								%	LIMITS	%	LIMITS	
Prallethrin	Total	300.3	0.5	2	ng/L	500	0	60	50 - 150%	PASS		
Resmethrin	Total	0	5	10	ng/L	500	0	0	50 - 150%	PASS	PASS	Q

Sample ID: 38524-BS2

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625-NCI

Batch ID: O-9034

Prepared: 06-Jan-16

Analyzed: 19-Jan-16

Allethrin	Total	331.7	0.5	2	ng/L	500	0	66	50 - 150%	PASS	6	25	PASS	
Bifenthrin	Total	418.3	0.5	2	ng/L	500	0	84	50 - 150%	PASS	21	25	PASS	
Cyfluthrin	Total	527.7	0.5	2	ng/L	505	0	104	50 - 150%	PASS	25	25	PASS	
Cyhalothrin, Total Lambda	Total	460.4	0.5	2	ng/L	500	0	92	50 - 150%	PASS	22	25	PASS	
Cypermethrin	Total	555.2	0.5	2	ng/L	500	0	111	50 - 150%	PASS	29	25	PASS	Q
Danitol (Fenpropathrin)	Total	437.2	0.5	2	ng/L	500	0	87	50 - 150%	PASS	19	25	PASS	
Deltamethrin/Tralomethrin	Total	604	0.5	2	ng/L	500	0	121	50 - 150%	PASS	29	25	PASS	Q
Esfenvalerate	Total	572.9	0.5	2	ng/L	500	0	115	50 - 150%	PASS	29	25	PASS	Q
Fenvalerate	Total	571.1	0.5	2	ng/L	500	0	114	50 - 150%	PASS	30	25	PASS	Q
Fluvalinate	Total	600.7	0.5	2	ng/L	500	0	120	50 - 150%	PASS	30	25	PASS	Q
Permethrin, cis-	Total	132	5	10	ng/L	133.5	0	99	50 - 150%	PASS	29	25	PASS	Q
Permethrin, trans-	Total	391.2	5	10	ng/L	358	0	109	50 - 150%	PASS	28	25	PASS	Q
Prallethrin	Total	323.6	0.5	2	ng/L	500	0	65	50 - 150%	PASS	8	25	PASS	
Resmethrin	Total	0	5	10	ng/L	500	0	0	50 - 150%	PASS	0	25	PASS	Q



# CHAIN OF CUSTODY

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## Ocean Receiving Water Chemistry and Toxicity

**Table 2. List of Analyses to Be Conducted on Samples Collected at Ocean Receiving Water Monitoring Sites**

Constituent	Method	Holding Time	Method Reporting Limits	Units	COP <sup>1</sup>	Bottle Type/Preservative
<b>General Chemistry</b>						
Total Suspended Solids	SM 2540-D	7 days	5.0	mg/L		1 L HDPE
Oil and Grease	EPA 1664A	28 days	5.0	mg/L		250-mL glass
Ammonia-N	SM 4500-NH3 D	28 days	0.06	µg/L		250 mL glass H <sub>2</sub> SO <sub>4</sub>
Nitrate-N	SM 4500-NO3 E	48 hours	0.05	mg/L		250 mL HDPE
Total Orthophosphate (as P)	SM 4500-P E	28 days	0.02	mg/L		
<b>Total Metals</b>						
Aluminum (Al)	EPA 1640	Lab will acidify, then 180 days	6	µg/L		1L HDPE
Antimony (Sb)			0.015	µg/L		
Arsenic (As)			0.015	µg/L	80	
Beryllium (Be)			0.01	µg/L		
Cadmium (Cd)			0.01	µg/L	10	
Chromium (Cr)			0.05	µg/L	20*	
Copper (Cu)			0.02	µg/L	30	
Lead (Pb)			0.01	µg/L	20	
Manganese (Mn)			0.02	µg/L		
Molybdenum (Mo)			0.01	µg/L		
Nickel (Ni)			0.01	µg/L	50	
Selenium (Se)			0.015	µg/L	150	
Silver (Ag)			0.04	µg/L	7	
Thallium (Tl)			0.01	µg/L		
Zinc (Zn)	0.01	µg/L	200			
Mercury (Hg)	EPA 1640		0.02	µg/L	0.4	
<b>Organophosphorus Pesticides</b>						
Bolstar (Sulprofos)	EPA 625	7 days until extraction, 40 days until analysis	4	ng/L		A total of 2 L for OP pesticides, Synthetic pyrethroids and PAHs- Amber bottles
Chlorpyrifos			2	ng/L		
Demeton			2	ng/L		
Diazinon			4	ng/L		
Dichlorvos			6	ng/L		
Disulfoton			2	ng/L		
Ethoprop (Ethoprofos)			2	ng/L		
Fenclorophos (Ronnel)			4	ng/L		
Fensulfthion			2	ng/L		
Fenthion			4	ng/L		
Malathion			6	ng/L		
Methyl Parathion			2	ng/L		
Mevinphos (Phosdrin)			16	ng/L		
Phorate			12	ng/L		
Tetrachlorvinphos (Stirofos)			4	ng/L		
Tokuthion			6	ng/L		
Trichloronate	2	ng/L				
<b>Synthetic Pyrethroids</b>						

## Ocean Receiving Water Chemistry and Toxicity

**Table 2. List of Analyses to Be Conducted on Samples Collected at Ocean Receiving Water Monitoring Sites**

Constituent	Method	Holding Time	Method Reporting Limits	Units	COP <sup>1</sup>	Bottle Type/ Preservative
Allethrin	EPA 625 NCI	21 days	2	ng/L		A total of 2 L for OP pesticides, Synthetic pyrethroids and PAHs- Amber bottles
Bifenthrin			2	ng/L		
Cyfluthrin			2	ng/L		
Cypermethrin			2	ng/L		
Danitol (Fenpropathrin)			2	ng/L		
Deltamethrin			2	ng/L		
Esfenvalerate			2	ng/L		
Fenvalerate			2	ng/L		
Fluvalinate			2	ng/L		
L-Cyhalothrin			2	ng/L		
Permethrin, cis-			25	ng/L		
Permethrin, trans-			25	ng/L		
Prallethrin			2	ng/L		
Resmethrin			25	ng/L		
<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>						
1-Methylnaphthalene	EPA 625	7 days until extraction, 40 days until analysis	5	ng/L		A total of 2 L for OP pesticides, Synthetic pyrethroids and PAHs- Amber bottles
1-Methylphenanthrene			5	ng/L		
2,3,5-Trimethylnaphthalene			5	ng/L		
2,6-Dimethylnaphthalene			5	ng/L		
2-Methylnaphthalene			5	ng/L		
Acenaphthene			5	ng/L		
Acenaphthylene			5	ng/L		
Anthracene			5	ng/L		
Benzo(a)anthracene			5	ng/L		
Benzo(a)pyrene			5	ng/L		
Benzo(b)fluoranthene			5	ng/L		
Benzo(e)pyrene			5	ng/L		
Benzo(g,h,i)perylene			5	ng/L		
Benzo(k)fluoranthene			5	ng/L		
Biphenyl			5	ng/L		
Chrysene			5	ng/L		
Dibenzo(a,h)anthracene			5	ng/L		
Dibenzothiophene			5	ng/L		
Fluoranthene			5	ng/L		
Fluorene			5	ng/L		
Indeno(1,2,3-cd)pyrene			5	ng/L		
Naphthalene	5	ng/L				
Perylene	5	ng/L				
Phenanthrene	5	ng/L				
Pyrene	5	ng/L				
<b>Toxicity</b>						
Bivalve Development (1-storm event)	EPA/600/R-95/136 (Mod Bight)	36 h preferred	NA	NA	NA	4 L cubitainer



1210002-006

## Sample Receipt Summary

Client:  Date Received:  Received By:  Inspected By:

Courier:		Cooler:		Temperature:					
<input type="checkbox"/> Physis	<input type="checkbox"/> FEDEX	<input type="checkbox"/> UPS	<input checked="" type="checkbox"/> Client	<input checked="" type="checkbox"/> Cooler	<input type="checkbox"/> Box	Total #: <input type="text" value="1"/>	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> WET	<input type="checkbox"/> DRY
Start <input type="text"/>	End <input type="text"/>	<input type="checkbox"/> Other: <input type="text"/>	<input type="checkbox"/> Other: <input type="text"/>	<input type="checkbox"/> None			<input type="text" value="7.6"/> °C		

Sample Integrity Upon Receipt:

1. COC(s) included and completely filled out.....Yes
2. All sample containers arrived intact.....Yes
3. All samples listed on COC(s) are present.....Yes
4. Information on containers consistent with information on COC(s).....No; see notes below
5. Correct containers and volume for all analyses indicated.....Yes
6. All samples received within method holding time.....Yes
7. Correct preservation used for all analyses indicated.....Yes
8. Name of sampler included on COC(s).....No

Notes:

Sample ID LACDPW-010316-ASBS-SO1 PRE on the COC is SO11 but on the bag it is SO1, so we logged it in to match the bag sample ID.  
 Sample ID LACDPW-010316-ASBS-SO1 PRE both the TSS and Metals were double bagged.  
 Sample ID LACDPW-010316-ASBS-SO2 PRE none of the 1L HDPE's (TSS & Metals) were double bagged.



5817 Dryden Place, Ste 101 • Carlsbad, CA 92008 • (760) 795-6900, FAX 931-1580  
 1340 Treat Blvd, Ste 210 • Walnut Creek, CA 94597 • (925) 948-2600, FAX 948-2601

# CHAIN OF CUSTODY

36233

DATE 1/6/16 PAGE 1 OF 1

PROJECT NAME / SURVEY / PROJECT NUMBER					CONTAINER TYPE / VOLUME	TOTAL NUMBER OF CONTAINER	ANALYSIS/TEST REQUESTED						PRESERVED HOW	FOR WESTON USE ONLY	
PROJECT MANAGER / CONTACT							TSS	OIL AND GREASE WITHING AND BEYOND SURFACE PHASE	AMMONIA	PHOSPHORUS	ORGANICS	SAMPLE TEMP. (°C) UPON RECEIPT		WESTON LAB ID	
CLIENT															
ADDRESS															
PHONE / FAX / EMAIL															
SITE ID (Location)	SAMPLE ID	DATE	TIME	MATRIX											
ASBS-028	LACDPW-010616-ASBS-028	1/6/16	16:00	FW	↓	7	X	X	X	X	X	ICE			
ASBS-S02	LACDPW-010616-ASBS-S02	1/6/16	17:15	SLT	↓	7	X	X	X	X	X	↓			
ASBS-016	LACDPW-010616-ASBS-016	1/6/16	17:15	FW	↓	7	X	X	X	X	X	↓			
ASBS-S01	LACDPW-010616-ASBS-S01	1/6/16	17:15	SLT	↓	7	X	X	X	X	X	↓			

Sample Matrix Codes: FW=fresh water, GW=ground water, SLT=salt water, SW=storm water, WW=waste water  
 SED=sediment, A=air, BIO=biologic, SS=soil, T=tissue, O=other (specify) \_\_\_\_\_  
 Container Code:  B=bags  O=other \_\_\_\_\_  
 Shipped By:  Courier  UPS  FedEx  USPS  Client drop off  Other \_\_\_\_\_  
 Turnaround Time:  2-day  5-day  7-day  10-day  14-day  Standard  Other \_\_\_\_\_  
 Reporting Requirements:  PDF  EDD  Hard Copy  Email  Other CEDEN EDD

SAMPLED BY: PRINT SIGNATURE: [Signature]  
 COMMENTS / SPECIAL INSTRUCTIONS: [Signature]

RELINQUISHED BY				RECEIVED BY			
Print Name	Signature	Firm	Date/Time	Print Name	Signature	Firm	Date/Time
1. <u>DAN MCCOY</u>	<u>[Signature]</u>	<u>WESTON</u>	<u>1/6/16 19:51</u>	<u>C. Nunez</u>	<u>[Signature]</u>	<u>Amadeo Physics</u>	<u>1/6/16 19:51</u>
2.							
3.							
4.							
5.							
6.							





1210002-006

## Sample Receipt Summary

Client:  Date Received:  Received By:  Inspected By:

Courier:		Cooler:		Temperature:					
<input type="checkbox"/> Physis	<input type="checkbox"/> FEDEX	<input type="checkbox"/> UPS	<input checked="" type="checkbox"/> Client	<input checked="" type="checkbox"/> Cooler	<input type="checkbox"/> Box	Total #: <input type="text" value="4"/>	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> WET	<input type="checkbox"/> DRY
Start <input type="text"/>	End <input type="text"/>	<input type="checkbox"/> Other: <input type="text"/>	<input type="checkbox"/> Other: <input type="text"/>	<input type="checkbox"/> None	<input type="text" value="0.5"/> °C				

Sample Integrity Upon Receipt:

1. COC(s) included and completely filled out.....Yes
2. All sample containers arrived intact.....Yes
3. All samples listed on COC(s) are present.....Yes
4. Information on containers consistent with information on COC(s).....Yes
5. Correct containers and volume for all analyses indicated.....Yes
6. All samples received within method holding time.....Yes
7. Correct preservation used for all analyses indicated.....Yes
8. Name of sampler included on COC(s).....Yes

Notes:



April 22, 2016

Dan McCoy  
Weston Solutions, Inc.  
5817 Dryden Place  
Carlsbad, CA 92008-

Project Name: LACDPW Malibu ASBS  
Physis Project ID: 1210002-007

Dear Dan,

Enclosed are the analytical results for samples submitted to PHYSIS Environmental Laboratories, Inc. (PHYSIS) on 3/4/2016. A total of 5 samples were received for analysis in accordance with the attached chain of custody (COC). Per the COC, the samples were analyzed for:

Conventionals
Total Suspended Solids by SM 2540 D
Total Orthophosphate as P by SM 4500-P E
Nitrate as N by SM 4500-NO <sub>3</sub> E
Ammonia as N by SM 4500-NH <sub>3</sub> D
Elements
Total Trace Metals & Mercury (EPA 1640) by EPA 1640
Organics
Synthetic Pyrethroid Pesticides by EPA 625-NCI
Polynuclear Aromatic Hydrocarbons by EPA 625
Organophosphorus Pesticides by EPA 625
Oil & Grease by EPA 1664B

Analytical results in this report apply only to samples submitted to PHYSIS in accordance with the COC and are intended to be considered in their entirety.

Please feel free to contact me at any time with any questions. PHYSIS appreciates the opportunity to provide you with our analytical and support services.

Regards,

Misty Mercier  
Extension 202  
714-335-5918 cell  
mistymercier@physislabs.com





## PROJECT SAMPLE LIST

Weston Solutions, Inc.

PHYSIS Project ID: 1210002-007

LACDPW Malibu ASBS

Total Samples: 5

PHYSIS ID	Sample ID	Description	Date	Time	Matrix
39402	LACDPW-030416-ASBS-S01	ASBS-S01	3/4/2016	13:40	Seawater
39403	LACDPW-030616-ASBS-016-POST	ASBS-016	3/6/2016	4:30	Freshwater
39404	CDPW-030616-ASBS-016-DUP PO	ASBS-016	3/6/2016	5:20	Freshwater
39405	LACDPW-030616-ASBS-S01-POST	ASBS-S01	3/6/2016	4:45	Seawater
39406	LACDPW-030616-ASBS-FB	Field Blankk	3/6/2016	5:45	Freshwater



## ABBREVIATIONS and ACRONYMS

QM	Quality Manual
QA	Quality Assurance
QC	Quality Control
MDL	method detection limit
RL	reporting limit
R1	project sample
R2	project sample replicate
MS1	matrix spike
MS2	matrix spike replicate
B1	procedural blank
B2	procedural blank replicate
BS1	blank spike
BS2	blank spike replicate
LCS1	laboratory control spike
LCS2	laboratory control spike replicate
LCM1	laboratory control material
LCM2	laboratory control material replicate
CRM1	certified reference material
CRM2	certified reference material replicate
RPD	relative percent difference
LMW	low molecular weight
HMW	high molecular weight



## QUALITY ASSURANCE SUMMARY

**LABORATORY BATCH:** Physis' QM defines a laboratory batch as a group of 20 or fewer project samples of similar matrix, processed together under the same conditions and with the same reagents. QC samples are associated with each batch and were used to assess the validity of the sample analyses.

**PROCEDURAL BLANK:** Laboratory contamination introduced during method use is assessed through the preparation and analysis of procedural blanks is provided at a minimum frequency of one per batch.

**ACCURACY:** Accuracy of analytical measurements is the degree of closeness based on percent recovery calculations between measured values and the actual or true value and includes a combination of reproducibility error and systematic bias due to sampling and analytical operations. Accuracy of the project data was indicated by analysis of MS, BS, LCS, LCM, CRM, and/or surrogate spikes on a minimum frequency of one per batch. Physis' QM requires that 95% of the target compounds greater than 10 times the MDL be within the specified acceptance limits.

**PRECISION:** Precision is the agreement among a set of replicate measurements without assumption of knowledge of the true value and is based on RPD calculations between repeated values. Precision of the project data was determined by analysis of replicate MS<sub>1</sub>/MS<sub>2</sub>, BS<sub>1</sub>/BS<sub>2</sub>, LCS<sub>1</sub>/LCS<sub>2</sub>, LCM<sub>1</sub>/LCM<sub>2</sub>, CRM<sub>1</sub>/CRM<sub>2</sub>, surrogate spikes and/or replicate project sample analysis (R<sub>1</sub>/R<sub>2</sub>) on a minimum frequency of one per batch. Physis' QM requires that for 95% of the compounds greater than 10 times the MDL, the percent RPD should be within the specified acceptance range.

**BLANK SPIKES:** BS is the introduction of a known concentration of analyte into the procedural blank. BS demonstrates performance of the preparation and analytical methods on a clean matrix void of potential matrix related interferences. The BS is performed in laboratory deionized water, making these recoveries a better indicator of the efficiency of the laboratory method per se.

**MATRIX SPIKES:** MS is the introduction of a known concentration of analyte into a sample. MS samples demonstrate the effect a particular project sample matrix has on the accuracy of a measurement. Individually, MS samples also indicate the bias of analytical measurements due to chemical interferences inherent in the in the specific project sample spiked. Intrinsic target analyte concentration in the specific project sample can also significantly impact MS recovery.

**CERTIFIED REFERENCE MATERIALS:** CRMs are materials of various matrices for which analytical information has been determined and certified by a recognized authority. These are used to provide a quantitative assessment of the accuracy of an analytical method. CRMs provide evidence that the laboratory preparation and analysis produces results that are comparable to those obtained by an independent organization.

**LABORATORY CONTROL MATERIAL:** LCM is provided because a suitable natural seawater CRM is not available and can be used to indicate accuracy of the method. Physis' internal LCM is seawater collected at ~800 meters in the Southern California San Pedro Basin and can be used as a reference for background concentrations in clean, natural seawater for comparison to project samples.

**LABORATORY CONTROL SPIKES:** LCS is the introduction of a known concentration of analyte into Physis' LCM. LCS samples were employed to assess the effect the seawater matrix has on the accuracy of a measurement. LCS also indicate the bias of this method due to chemical interferences inherent in the in the seawater matrix. Intrinsic LCM concentration can also significantly impact LCS recovery.

**SURROGATES:** A surrogate is a pure analyte unlikely to be found in any project sample, behaves similarly to



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the target analyte and most often used with organic analytical procedures. Surrogates are added in known concentration to all samples and are measured to indicate overall efficiency of the method including processing and analyses.

**HOLDING TIME:** Method recommended holding times are the length of time a project sample can be stored under specific conditions after collection and prior to analysis without significantly affecting the analyte's concentration. Holding times can be extended if preservation techniques are employed to reduce biodegradation, volatilization, oxidation, sorption, precipitation, and other physical and chemical processes.

**SAMPLE STORAGE/RETENTION:** In order to maintain chemical integrity prior to analysis, all samples submitted to Physis are refrigerated (liquids) or frozen (solids) upon receipt unless otherwise recommended by applicable methods. Solid samples are retained for 1 year from collection while liquid samples are retained until method recommended holding times elapse.

**TOTAL/DISSOLVED FRACTION:** In some instances, the results for the dissolved fraction may be higher than the total fraction for a particular analyte (e.g. trace metals). This is typically caused by the analytical variation for each result and indicates that the target analyte is primarily in the dissolved phase, within the sample.



## PHYSIS QUALIFIER CODES

CODE	DEFINITION
#	see Case Narrative
ND	analyte not detected at or above the MDL
B	analyte was detected in the procedural blank greater than 10 times the MDL
E	analyte concentration exceeds the upper limit of the linear calibration range, reported value is estimated
H	sample received and/or analyzed past the recommended holding time
J	analyte was detected at a concentration below the RL and above the MDL, reported value is estimated
N	insufficient sample, analysis could not be performed
M	analyte was outside the specified accuracy and/or precision acceptance limits due to matrix interference. The associated B/BS were within limits, therefore the sample data was reported without further clarification
SH	analyte concentration in the project sample exceeded the spike concentration, therefore accuracy and/or precision acceptance limits do not apply
SL	analyte results were lower than 10 times the MDL, therefore accuracy and/or precision acceptance limits do not apply
NH	project sample was heterogeneous and sample homogeneity could not be readily achieved using routine laboratory practices, therefore accuracy and/or precision acceptance limits do not apply
Q	analyte was outside the specified QAPP acceptance limits for precision and/or accuracy but within Physis derived acceptance limits, therefore the sample data was reported without further clarification
R	Physis' QM allows for 5% of the target compounds greater than 10 times the MDL to be outside the specified acceptance limits for precision and/or accuracy. This is often due to random error and does not indicate any significant problems with the analysis of these project samples

# PHYSIS

# ANALYTICAL

# REPORT

TERRA AURA

ENVIRONMENTAL LABORATORIES, INC.

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**Conventionals**

**ANALYTICAL REPORT**

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 39402-R1</b>						
<b>LACDPW-030416-ASBS-S01 ASBS-S01</b>		<b>Matrix: Seawater</b>		<b>Sampled: 04-Mar-16 13:40</b>		<b>Received: 04-Mar-16</b>
Method: SM 4500-NH3 D		Batch ID: C-18125		Prepared: 29-Mar-16		Analyzed: 29-Mar-16
Ammonia as N	NA	ND	0.02	0.05	mg/L	
Method: SM 4500-P E		Batch ID: C-28025		Prepared: 06-Mar-16		Analyzed: 06-Mar-16
Total Orthophosphate as P	NA	0.04	0.01	0.02	mg/L	
Method: SM 4500-NO3 E		Batch ID: C-28042		Prepared: 06-Mar-16		Analyzed: 28-Mar-16
Nitrate as N	NA	ND	0.01	0.05	mg/L	
Method: SM 2540 D		Batch ID: C-29016		Prepared: 10-Mar-16		Analyzed: 10-Mar-16
Total Suspended Solids	NA	5.6	0.5	0.5	mg/L	
<b>Sample ID: 39403-R1</b>						
<b>LACDPW-030616-ASBS-016-POST ASBS-0</b>		<b>Matrix: Freshwater</b>		<b>Sampled: 06-Mar-16 4:30</b>		<b>Received: 06-Mar-16</b>
Method: SM 4500-NH3 D		Batch ID: C-18125		Prepared: 29-Mar-16		Analyzed: 29-Mar-16
Ammonia as N	NA	0.17	0.02	0.05	mg/L	
Method: SM 4500-P E		Batch ID: C-28029		Prepared: 08-Mar-16		Analyzed: 08-Mar-16
Total Orthophosphate as P	NA	0.57	0.01	0.02	mg/L	
Method: SM 4500-NO3 E		Batch ID: C-28042		Prepared: 08-Mar-16		Analyzed: 28-Mar-16
Nitrate as N	NA	1.08	0.01	0.05	mg/L	
Method: SM 2540 D		Batch ID: C-29016		Prepared: 10-Mar-16		Analyzed: 10-Mar-16
Total Suspended Solids	NA	510	0.5	0.5	mg/L	
<b>Sample ID: 39404-R1</b>						
<b>LACDPW-030616-ASBS-016-DUP POST A</b>		<b>Matrix: Freshwater</b>		<b>Sampled: 06-Mar-16 5:20</b>		<b>Received: 06-Mar-16</b>
Method: SM 4500-NH3 D		Batch ID: C-18125		Prepared: 29-Mar-16		Analyzed: 29-Mar-16
Ammonia as N	NA	0.11	0.02	0.05	mg/L	
Method: SM 4500-P E		Batch ID: C-28029		Prepared: 08-Mar-16		Analyzed: 08-Mar-16
Total Orthophosphate as P	NA	0.35	0.01	0.02	mg/L	
Method: SM 4500-NO3 E		Batch ID: C-28042		Prepared: 08-Mar-16		Analyzed: 28-Mar-16
Nitrate as N	NA	1.04	0.01	0.05	mg/L	
Method: SM 2540 D		Batch ID: C-29016		Prepared: 10-Mar-16		Analyzed: 10-Mar-16
Total Suspended Solids	NA	464	0.5	0.5	mg/L	
<b>Sample ID: 39405-R1</b>						
<b>LACDPW-030616-ASBS-S01-POST ASBS-S</b>		<b>Matrix: Seawater</b>		<b>Sampled: 06-Mar-16 4:45</b>		<b>Received: 06-Mar-16</b>
Method: SM 4500-NH3 D		Batch ID: C-18125		Prepared: 29-Mar-16		Analyzed: 29-Mar-16
Ammonia as N	NA	0.04	0.02	0.05	mg/L	J





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## Conventionals

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
	Method: SM 4500-P E	Batch ID: C-28029		Prepared: 08-Mar-16		Analyzed: 08-Mar-16
Total Orthophosphate as P	NA	0.15	0.01	0.02	mg/L	
	Method: SM 4500-NO3 E	Batch ID: C-28042		Prepared: 08-Mar-16		Analyzed: 28-Mar-16
Nitrate as N	NA	0.08	0.01	0.05	mg/L	
	Method: SM 2540 D	Batch ID: C-29016		Prepared: 10-Mar-16		Analyzed: 10-Mar-16
Total Suspended Solids	NA	52.7	0.5	0.5	mg/L	
<b>Sample ID: 39406-R1 LACDPW-030616-ASBS-FB Field Blank Matrix: Freshwater Sampled: 06-Mar-16 5:45 Received: 06-Mar-16</b>						
	Method: SM 4500-NH3 D	Batch ID: C-18126		Prepared: 30-Mar-16		Analyzed: 30-Mar-16
Ammonia as N	NA	ND	0.02	0.05	mg/L	
	Method: SM 4500-P E	Batch ID: C-28029		Prepared: 08-Mar-16		Analyzed: 08-Mar-16
Total Orthophosphate as P	NA	ND	0.01	0.02	mg/L	
	Method: SM 4500-NO3 E	Batch ID: C-28042		Prepared: 08-Mar-16		Analyzed: 28-Mar-16
Nitrate as N	NA	ND	0.01	0.05	mg/L	
	Method: SM 2540 D	Batch ID: C-29016		Prepared: 10-Mar-16		Analyzed: 10-Mar-16
Total Suspended Solids	NA	ND	0.5	0.5	mg/L	



**Elements**

**ANALYTICAL REPORT**

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 39402-R1</b> <b>LACDPW-030416-ASBS-S01 ASBS-S01</b> <b>Matrix: Seawater</b> <b>Sampled: 04-Mar-16 13:40</b> <b>Received: 04-Mar-16</b> Method: EPA 1640      Batch ID: E-10125      Prepared: 14-Apr-16      Analyzed: 18-Apr-16						
Arsenic (As)	Total	1.414	0.005	0.015	µg/L	
Cadmium (Cd)	Total	0.0523	0.0025	0.005	µg/L	
Chromium (Cr)	Total	0.6154	0.0125	0.025	µg/L	
Copper (Cu)	Total	0.346	0.005	0.01	µg/L	
Lead (Pb)	Total	0.1906	0.0025	0.005	µg/L	
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L	
Nickel (Ni)	Total	0.459	0.0025	0.005	µg/L	
Selenium (Se)	Total	0.023	0.005	0.015	µg/L	
Silver (Ag)	Total	0.02	0.01	0.02	µg/L	
Zinc (Zn)	Total	1.0353	0.0025	0.005	µg/L	
<b>Sample ID: 39403-R1</b> <b>LACDPW-030616-ASBS-016-POST ASBS-0</b> <b>Matrix: Freshwater</b> <b>Sampled: 06-Mar-16 4:30</b> <b>Received: 06-Mar-16</b> Method: EPA 1640      Batch ID: E-10125      Prepared: 14-Apr-16      Analyzed: 18-Apr-16						
Arsenic (As)	Total	2.483	0.005	0.015	µg/L	
Cadmium (Cd)	Total	0.8965	0.0025	0.005	µg/L	
Chromium (Cr)	Total	33.3862	0.0125	0.025	µg/L	
Copper (Cu)	Total	26.032	0.005	0.01	µg/L	
Lead (Pb)	Total	6.4917	0.0025	0.005	µg/L	
Mercury (Hg)	Total	0.0629	0.0012	0.005	µg/L	
Nickel (Ni)	Total	36.0925	0.0025	0.005	µg/L	
Selenium (Se)	Total	0.12	0.005	0.015	µg/L	
Silver (Ag)	Total	ND	0.01	0.02	µg/L	
Zinc (Zn)	Total	102.7039	0.0025	0.005	µg/L	
<b>Sample ID: 39404-R1</b> <b>LACDPW-030616-ASBS-016-DUP POST A</b> <b>Matrix: Freshwater</b> <b>Sampled: 06-Mar-16 5:20</b> <b>Received: 06-Mar-16</b> Method: EPA 1640      Batch ID: E-10125      Prepared: 14-Apr-16      Analyzed: 18-Apr-16						
Arsenic (As)	Total	2.586	0.005	0.015	µg/L	
Cadmium (Cd)	Total	0.9335	0.0025	0.005	µg/L	
Chromium (Cr)	Total	32.0911	0.0125	0.025	µg/L	
Copper (Cu)	Total	25.133	0.005	0.01	µg/L	



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## Elements

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Lead (Pb)	Total	6.4383	0.0025	0.005	µg/L	
Mercury (Hg)	Total	0.0494	0.0012	0.005	µg/L	
Nickel (Ni)	Total	35.9173	0.0025	0.005	µg/L	
Selenium (Se)	Total	0.118	0.005	0.015	µg/L	
Silver (Ag)	Total	ND	0.01	0.02	µg/L	
Zinc (Zn)	Total	99.2754	0.0025	0.005	µg/L	

**Sample ID: 39405-R1**

**LACDPW-030616-ASBS-S01-POST ASBS-S**

**Matrix: Seawater**

**Sampled: 06-Mar-16 4:45**

**Received: 06-Mar-16**

Method: EPA 1640

Batch ID: E-10125

Prepared: 14-Apr-16

Analyzed: 18-Apr-16

Arsenic (As)	Total	2.061	0.005	0.015	µg/L	
Cadmium (Cd)	Total	0.0906	0.0025	0.005	µg/L	
Chromium (Cr)	Total	5.0684	0.0125	0.025	µg/L	
Copper (Cu)	Total	2.349	0.005	0.01	µg/L	
Lead (Pb)	Total	0.6623	0.0025	0.005	µg/L	
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L	
Nickel (Ni)	Total	3.5096	0.0025	0.005	µg/L	
Selenium (Se)	Total	0.042	0.005	0.015	µg/L	
Silver (Ag)	Total	0.02	0.01	0.02	µg/L	
Zinc (Zn)	Total	10.3902	0.0025	0.005	µg/L	

**Sample ID: 39406-R1**

**LACDPW-030616-ASBS-FB Field Blank**

**Matrix: Freshwater**

**Sampled: 06-Mar-16 5:45**

**Received: 06-Mar-16**

Method: EPA 1640

Batch ID: E-10125

Prepared: 14-Apr-16

Analyzed: 18-Apr-16

Arsenic (As)	Total	ND	0.005	0.015	µg/L	
Cadmium (Cd)	Total	ND	0.0025	0.005	µg/L	
Chromium (Cr)	Total	ND	0.0125	0.025	µg/L	
Copper (Cu)	Total	ND	0.005	0.01	µg/L	
Lead (Pb)	Total	ND	0.0025	0.005	µg/L	
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L	
Nickel (Ni)	Total	ND	0.0025	0.005	µg/L	
Selenium (Se)	Total	ND	0.005	0.015	µg/L	
Silver (Ag)	Total	ND	0.01	0.02	µg/L	
Zinc (Zn)	Total	ND	0.0025	0.005	µg/L	

## Organophosphorus Pesticides

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<p><b>Sample ID: 39402-R1</b>      <b>LACDPW-030416-ASBS-S01 ASBS-S01</b>      <b>Matrix: Seawater</b>      <b>Sampled: 04-Mar-16 13:40</b>      <b>Received: 04-Mar-16</b>  Method: EPA 625      Batch ID: O-9128      Prepared: 06-Mar-16      Analyzed: 28-Mar-16</p>						
(PCB030)	Total	76			% Recovery	
(PCB112)	Total	96			% Recovery	
(PCB198)	Total	76			% Recovery	
(TCMX)	Total	68			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenchlorphos (Ronnell)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	
<p><b>Sample ID: 39403-R1</b>      <b>LACDPW-030616-ASBS-016-POST ASBS-0</b>      <b>Matrix: Freshwater</b>      <b>Sampled: 06-Mar-16 4:30</b>      <b>Received: 06-Mar-16</b>  Method: EPA 625      Batch ID: O-9128      Prepared: 06-Mar-16      Analyzed: 28-Mar-16</p>						
(PCB030)	Total	77			% Recovery	
(PCB112)	Total	96			% Recovery	
(PCB198)	Total	71			% Recovery	



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## Organophosphorus Pesticides

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
(TCMX)	Total	69			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenchlorphos (Ronnel)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	

Sample ID: 39404-R1

LACDPW-030616-ASBS-016-DUP POST A

Matrix: Freshwater

Sampled: 06-Mar-16 5:20

Received: 06-Mar-16

Method: EPA 625

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 28-Mar-16

(PCB030)	Total	80			% Recovery	
(PCB112)	Total	116			% Recovery	
(PCB198)	Total	63			% Recovery	
(TCMX)	Total	72			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	

## Organophosphorus Pesticides

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenclorphos (Ronnell)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	

**Sample ID: 39405-R1**

**LACDPW-030616-ASBS-S01-POST ASBS-S Matrix: Seawater**

**Sampled: 06-Mar-16 4:45**

**Received: 06-Mar-16**

Method: EPA 625

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 28-Mar-16

(PCB030)	Total	70			% Recovery	
(PCB112)	Total	97			% Recovery	
(PCB198)	Total	74			% Recovery	
(TCMX)	Total	57			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenclorphos (Ronnell)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	



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## Organophosphorus Pesticides

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	

Sample ID: 39406-R1

LACDPW-030616-ASBS-FB Field Blank

Matrix: Freshwater

Sampled: 06-Mar-16 5:45

Received: 06-Mar-16

Method: EPA 625

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 28-Mar-16

(PCB030)	Total	69			% Recovery	
(PCB112)	Total	93			% Recovery	
(PCB198)	Total	75			% Recovery	
(TCMX)	Total	54			% Recovery	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L	
Chlorpyrifos	Total	ND	0.5	1	ng/L	
Demeton	Total	ND	1	2	ng/L	
Diazinon	Total	ND	0.5	1	ng/L	
Dichlorvos	Total	ND	3	6	ng/L	
Dimethoate	Total	ND	5	10	ng/L	
Disulfoton	Total	ND	1	2	ng/L	
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L	
Fenchlorphos (Ronnal)	Total	ND	2	4	ng/L	
Fensulfothion	Total	ND	1	2	ng/L	
Fenthion	Total	ND	2	4	ng/L	
Malathion	Total	ND	3	6	ng/L	
Methidathion	Total	ND	5	10	ng/L	
Methyl parathion	Total	ND	1	2	ng/L	
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L	
Phorate	Total	ND	5	10	ng/L	
Phosmet	Total	ND	5	10	ng/L	



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## Organophosphorus Pesticides

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L	
Tokuthion	Total	ND	3	6	ng/L	
Trichloronate	Total	ND	1	2	ng/L	



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## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 39402-R1</b> <b>LACDPW-030416-ASBS-S01 ASBS-S01</b> <b>Matrix: Seawater</b> <b>Sampled: 04-Mar-16 13:40</b> <b>Received: 04-Mar-16</b> Method: EPA 625      Batch ID: O-9128      Prepared: 06-Mar-16      Analyzed: 28-Mar-16						
(d10-Acenaphthene)	Total	77			% Recovery	
(d10-Phenanthrene)	Total	85			% Recovery	
(d12-Chrysene)	Total	76			% Recovery	
(d8-Naphthalene)	Total	72			% Recovery	
1-Methylnaphthalene	Total	ND	1	5	ng/L	
1-Methylphenanthrene	Total	ND	1	5	ng/L	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L	
2-Methylnaphthalene	Total	ND	1	5	ng/L	
Acenaphthene	Total	ND	1	5	ng/L	
Acenaphthylene	Total	ND	1	5	ng/L	
Anthracene	Total	ND	1	5	ng/L	
Benz[a]anthracene	Total	ND	1	5	ng/L	
Benzo[a]pyrene	Total	ND	1	5	ng/L	
Benzo[b]fluoranthene	Total	ND	1	5	ng/L	
Benzo[e]pyrene	Total	ND	1	5	ng/L	
Benzo[g,h,i]perylene	Total	ND	1	5	ng/L	
Benzo[k]fluoranthene	Total	ND	1	5	ng/L	
Biphenyl	Total	ND	1	5	ng/L	
Chrysene	Total	ND	1	5	ng/L	
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L	
Dibenzothiophene	Total	ND	1	5	ng/L	
Fluoranthene	Total	ND	1	5	ng/L	
Fluorene	Total	ND	1	5	ng/L	
Indeno[1,2,3-c,d]pyrene	Total	ND	1	5	ng/L	
Naphthalene	Total	ND	1	5	ng/L	
Perylene	Total	ND	1	5	ng/L	
Phenanthrene	Total	ND	1	5	ng/L	
Pyrene	Total	ND	1	5	ng/L	





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## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 39403-R1</b>						
<b>LACDPW-030616-ASBS-016-POST ASBS-0</b>						
Matrix: Freshwater						
Method: EPA 625						
Batch ID: O-9128						
Sampled: 06-Mar-16 4:30						
Prepared: 06-Mar-16						
Received: 06-Mar-16						
Analyzed: 28-Mar-16						
(d10-Acenaphthene)	Total	73			% Recovery	
(d10-Phenanthrene)	Total	89			% Recovery	
(d12-Chrysene)	Total	74			% Recovery	
(d8-Naphthalene)	Total	61			% Recovery	
1-Methylnaphthalene	Total	4.2	1	5	ng/L	J
1-Methylphenanthrene	Total	ND	1	5	ng/L	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	1.9	1	5	ng/L	J
2-Methylnaphthalene	Total	4.2	1	5	ng/L	J
Acenaphthene	Total	9.4	1	5	ng/L	
Acenaphthylene	Total	2.2	1	5	ng/L	J
Anthracene	Total	12.1	1	5	ng/L	
Benz[a]anthracene	Total	9.2	1	5	ng/L	
Benzo[a]pyrene	Total	9.3	1	5	ng/L	
Benzo[b]fluoranthene	Total	15.9	1	5	ng/L	
Benzo[e]pyrene	Total	14.9	1	5	ng/L	
Benzo[g,h,i]perylene	Total	9.2	1	5	ng/L	
Benzo[k]fluoranthene	Total	7.5	1	5	ng/L	
Biphenyl	Total	2.2	1	5	ng/L	J
Chrysene	Total	25.3	1	5	ng/L	
Dibenz[a,h]anthracene	Total	1.7	1	5	ng/L	J
Dibenzothiophene	Total	5.2	1	5	ng/L	
Fluoranthene	Total	27.8	1	5	ng/L	
Fluorene	Total	8.3	1	5	ng/L	
Indeno[1,2,3-c,d]pyrene	Total	6.7	1	5	ng/L	
Naphthalene	Total	9.1	1	5	ng/L	
Perylene	Total	3.1	1	5	ng/L	J
Phenanthrene	Total	29.6	1	5	ng/L	
Pyrene	Total	22.9	1	5	ng/L	



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CA ELAP #2769

## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 39404-R1</b>						
<b>LACDPW-030616-ASBS-016-DUP POST A</b>						
Method: EPA 625		Matrix: Freshwater		Sampled: 06-Mar-16 5:20		Received: 06-Mar-16
		Batch ID: O-9128		Prepared: 06-Mar-16		Analyzed: 28-Mar-16
(d10-Acenaphthene)	Total	74			% Recovery	
(d10-Phenanthrene)	Total	89			% Recovery	
(d12-Chrysene)	Total	67			% Recovery	
(d8-Naphthalene)	Total	63			% Recovery	
1-Methylnaphthalene	Total	3.5	1	5	ng/L	J
1-Methylphenanthrene	Total	ND	1	5	ng/L	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	1.8	1	5	ng/L	J
2-Methylnaphthalene	Total	3.7	1	5	ng/L	J
Acenaphthene	Total	8.6	1	5	ng/L	
Acenaphthylene	Total	1.7	1	5	ng/L	J
Anthracene	Total	10.2	1	5	ng/L	
Benz[a]anthracene	Total	9.3	1	5	ng/L	
Benzo[a]pyrene	Total	8.2	1	5	ng/L	
Benzo[b]fluoranthene	Total	16	1	5	ng/L	
Benzo[e]pyrene	Total	13.6	1	5	ng/L	
Benzo[g,h,i]perylene	Total	6.5	1	5	ng/L	
Benzo[k]fluoranthene	Total	6.8	1	5	ng/L	
Biphenyl	Total	1.8	1	5	ng/L	J
Chrysene	Total	27.3	1	5	ng/L	
Dibenz[a,h]anthracene	Total	1.5	1	5	ng/L	J
Dibenzothiophene	Total	5.2	1	5	ng/L	
Fluoranthene	Total	25.4	1	5	ng/L	
Fluorene	Total	7.9	1	5	ng/L	
Indeno[1,2,3-c,d]pyrene	Total	5.4	1	5	ng/L	
Naphthalene	Total	8.5	1	5	ng/L	
Perylene	Total	2.6	1	5	ng/L	J
Phenanthrene	Total	27.9	1	5	ng/L	
Pyrene	Total	19.8	1	5	ng/L	



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## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 39405-R1</b> <b>LACDPW-030616-ASBS-S01-POST ASBS-S</b> <b>Matrix: Seawater</b> <b>Sampled: 06-Mar-16 4:45</b> <b>Received: 06-Mar-16</b> Method: EPA 625      Batch ID: O-9128      Prepared: 06-Mar-16      Analyzed: 28-Mar-16						
(d10-Acenaphthene)	Total	72			% Recovery	
(d10-Phenanthrene)	Total	88			% Recovery	
(d12-Chrysene)	Total	74			% Recovery	
(d8-Naphthalene)	Total	62			% Recovery	
1-Methylnaphthalene	Total	ND	1	5	ng/L	
1-Methylphenanthrene	Total	ND	1	5	ng/L	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L	
2-Methylnaphthalene	Total	ND	1	5	ng/L	
Acenaphthene	Total	ND	1	5	ng/L	
Acenaphthylene	Total	ND	1	5	ng/L	
Anthracene	Total	1.1	1	5	ng/L	J
Benz[a]anthracene	Total	1.4	1	5	ng/L	J
Benzo[a]pyrene	Total	ND	1	5	ng/L	
Benzo[b]fluoranthene	Total	6.8	1	5	ng/L	
Benzo[e]pyrene	Total	1.9	1	5	ng/L	J
Benzo[g,h,i]perylene	Total	ND	1	5	ng/L	
Benzo[k]fluoranthene	Total	1	1	5	ng/L	J
Biphenyl	Total	ND	1	5	ng/L	
Chrysene	Total	4.6	1	5	ng/L	J
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L	
Dibenzothiophene	Total	ND	1	5	ng/L	
Fluoranthene	Total	4.1	1	5	ng/L	J
Fluorene	Total	1	1	5	ng/L	J
Indeno[1,2,3-c,d]pyrene	Total	ND	1	5	ng/L	
Naphthalene	Total	1.7	1	5	ng/L	J
Perylene	Total	ND	1	5	ng/L	
Phenanthrene	Total	4	1	5	ng/L	J
Pyrene	Total	3.1	1	5	ng/L	J



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CA ELAP #2769

## Polynuclear Aromatic Hydrocarbons

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 39406-R1</b>						
<b>LACDPW-030616-ASBS-FB Field Blank</b>						
Method: EPA 625		Matrix: Freshwater		Sampled: 06-Mar-16 5:45		Received: 06-Mar-16
		Batch ID: O-9128		Prepared: 06-Mar-16		Analyzed: 28-Mar-16
(d10-Acenaphthene)	Total	81			% Recovery	
(d10-Phenanthrene)	Total	97			% Recovery	
(d12-Chrysene)	Total	83			% Recovery	
(d8-Naphthalene)	Total	71			% Recovery	
1-Methylnaphthalene	Total	1.4	1	5	ng/L	J
1-Methylphenanthrene	Total	4.9	1	5	ng/L	J
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	
2,6-Dimethylnaphthalene	Total	1.4	1	5	ng/L	J
2-Methylnaphthalene	Total	1.2	1	5	ng/L	J
Acenaphthene	Total	ND	1	5	ng/L	
Acenaphthylene	Total	ND	1	5	ng/L	
Anthracene	Total	4.1	1	5	ng/L	J
Benz[a]anthracene	Total	1.4	1	5	ng/L	J
Benzo[a]pyrene	Total	14.7	1	5	ng/L	
Benzo[b]fluoranthene	Total	8	1	5	ng/L	
Benzo[e]pyrene	Total	24.2	1	5	ng/L	
Benzo[g,h,i]perylene	Total	65.7	1	5	ng/L	
Benzo[k]fluoranthene	Total	1.7	1	5	ng/L	J
Biphenyl	Total	1.3	1	5	ng/L	J
Chrysene	Total	2.6	1	5	ng/L	J
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L	
Dibenzothiophene	Total	4.5	1	5	ng/L	J
Fluoranthene	Total	83.2	1	5	ng/L	
Fluorene	Total	3.2	1	5	ng/L	J
Indeno[1,2,3-c,d]pyrene	Total	10.9	1	5	ng/L	
Naphthalene	Total	2.7	1	5	ng/L	J
Perylene	Total	2.9	1	5	ng/L	J
Phenanthrene	Total	45.3	1	5	ng/L	
Pyrene	Total	378.7	1	5	ng/L	



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CA ELAP #2769

# Pyrethroids

# ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
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**Sample ID: 39402-R1**

**LACDPW-030416-ASBS-S01 ASBS-S01**

**Matrix: Seawater**

**Sampled: 04-Mar-16 13:40**

**Received: 04-Mar-16**

Method: EPA 625-NCI

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 21-Mar-16

Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	ND	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.3	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	ND	0.5	2	ng/L	
Fenvalerate	Total	ND	0.5	2	ng/L	
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	2	4	ng/L	
Permethrin, trans-	Total	ND	1	2	ng/L	
Prallethrin	Total	ND	0.5	2	ng/L	
Resmethrin	Total	ND	5	10	ng/L	

**Sample ID: 39403-R1**

**LACDPW-030616-ASBS-016-POST ASBS-0**

**Matrix: Freshwater**

**Sampled: 06-Mar-16 4:30**

**Received: 06-Mar-16**

Method: EPA 625-NCI

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 21-Mar-16

Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	ND	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.3	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	ND	0.5	2	ng/L	
Fenvalerate	Total	ND	0.5	2	ng/L	
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	2	4	ng/L	
Permethrin, trans-	Total	ND	1	2	ng/L	
Prallethrin	Total	ND	0.5	2	ng/L	



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# Pyrethroids

# ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Resmethrin	Total	ND	5	10	ng/L	

**Sample ID: 39404-R1**

**LACDPW-030616-ASBS-016-DUP POST A**

**Matrix: Freshwater**

**Sampled: 06-Mar-16 5:20**

**Received: 06-Mar-16**

Method: EPA 625-NCI

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 21-Mar-16

Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	5.3	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.3	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	ND	0.5	2	ng/L	
Fenvalerate	Total	ND	0.5	2	ng/L	
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	2	4	ng/L	
Permethrin, trans-	Total	ND	1	2	ng/L	
Prallethrin	Total	ND	0.5	2	ng/L	
Resmethrin	Total	ND	5	10	ng/L	

**Sample ID: 39405-R1**

**LACDPW-030616-ASBS-S01-POST ASBS-S**

**Matrix: Seawater**

**Sampled: 06-Mar-16 4:45**

**Received: 06-Mar-16**

Method: EPA 625-NCI

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 21-Mar-16

Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	ND	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.3	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	ND	0.5	2	ng/L	
Fenvalerate	Total	ND	0.5	2	ng/L	
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	2	4	ng/L	
Permethrin, trans-	Total	ND	1	2	ng/L	



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CA ELAP #2769

## Pyrethroids

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
Prallethrin	Total	ND	0.5	2	ng/L	
Resmethrin	Total	ND	5	10	ng/L	

**Sample ID: 39406-R1**

**LACDPW-030616-ASBS-FB Field Blank**

**Matrix: Freshwater**

**Sampled: 06-Mar-16 5:45**

**Received: 06-Mar-16**

Method: EPA 625-NCI

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 21-Mar-16

Allethrin	Total	ND	0.5	2	ng/L	
Bifenthrin	Total	ND	0.5	2	ng/L	
Cyfluthrin	Total	ND	0.5	2	ng/L	
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L	
Cypermethrin	Total	ND	0.5	2	ng/L	
Danitol (Fenpropathrin)	Total	ND	0.3	2	ng/L	
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L	
Esfenvalerate	Total	ND	0.5	2	ng/L	
Fenvalerate	Total	ND	0.5	2	ng/L	
Fluvalinate	Total	ND	0.5	2	ng/L	
Permethrin, cis-	Total	ND	2	4	ng/L	
Permethrin, trans-	Total	ND	1	2	ng/L	
Prallethrin	Total	ND	0.5	2	ng/L	
Resmethrin	Total	ND	5	10	ng/L	



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## Total Extractable Organics

## ANALYTICAL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	QA CODE
<b>Sample ID: 39402-R1</b>	<b>LACDPW-030416-ASBS-S01 ASBS-S01</b>	<b>Matrix: Seawater</b>				
	Method: EPA 1664B	Batch ID: C-19056				
Oil & Grease	NA	ND	1	1	mg/L	
						<b>Sampled: 04-Mar-16 13:40</b>
						<b>Received: 04-Mar-16</b>
						Analyzed: 31-Mar-16
						Prepared: 31-Mar-16
<b>Sample ID: 39403-R1</b>	<b>LACDPW-030616-ASBS-016-POST ASBS-0</b>	<b>Matrix: Freshwater</b>				
	Method: EPA 1664B	Batch ID: C-19056				
Oil & Grease	NA	1	1	1	mg/L	
						<b>Sampled: 06-Mar-16 4:30</b>
						<b>Received: 06-Mar-16</b>
						Analyzed: 31-Mar-16
						Prepared: 31-Mar-16
<b>Sample ID: 39404-R1</b>	<b>LACDPW-030616-ASBS-016-DUP POST A</b>	<b>Matrix: Freshwater</b>				
	Method: EPA 1664B	Batch ID: C-19056				
Oil & Grease	NA	1.4	1	1	mg/L	
						<b>Sampled: 06-Mar-16 5:20</b>
						<b>Received: 06-Mar-16</b>
						Analyzed: 31-Mar-16
						Prepared: 31-Mar-16
<b>Sample ID: 39405-R1</b>	<b>LACDPW-030616-ASBS-S01-POST ASBS-S</b>	<b>Matrix: Seawater</b>				
	Method: EPA 1664B	Batch ID: C-19056				
Oil & Grease	NA	1.1	1	1	mg/L	
						<b>Sampled: 06-Mar-16 4:45</b>
						<b>Received: 06-Mar-16</b>
						Analyzed: 31-Mar-16
						Prepared: 31-Mar-16
<b>Sample ID: 39406-R1</b>	<b>LACDPW-030616-ASBS-FB Field Blank</b>	<b>Matrix: Freshwater</b>				
	Method: EPA 1664B	Batch ID: C-19056				
Oil & Grease	NA	1.8	1	1	mg/L	
						<b>Sampled: 06-Mar-16 5:45</b>
						<b>Received: 06-Mar-16</b>
						Analyzed: 31-Mar-16
						Prepared: 31-Mar-16



# PHYSICS

# QUALITY CONTROL

# REPORT

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CA ELAP #2769

## Conventionals

## QUALITY CONTROL REPORT

SAMPLE ID	BATCH ID	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	LIMITS	PRECISION %	LIMITS	QA CODE	
<b>Ammonia as N</b>			<b>Method: SM 4500-NH<sub>3</sub> D</b>			<b>Fraction: NA</b>			<b>Prepared: 29-Mar-16</b>			<b>Analyzed: 29-Mar-16</b>	
39400-B1	QAQC Procedural Blank	C-18125	ND	0.02	0.05	mg/L							
39400-BS1	QAQC Procedural Blank	C-18125	0.28	0.02	0.05	mg/L	0.25	0	112	80 - 120%	PASS		
39400-BS2	QAQC Procedural Blank	C-18125	0.28	0.02	0.05	mg/L	0.25	0	112	80 - 120%	PASS	0 25 PASS	
39402-MS1	LACDPW-030416-ASBS	C-18125	0.29	0.02	0.05	mg/L	0.25	0	116	80 - 120%	PASS		
39402-MS2	LACDPW-030416-ASBS	C-18125	0.28	0.02	0.05	mg/L	0.25	0	112	80 - 120%	PASS	4 25 PASS	
39402-R2	LACDPW-030416-ASBS	C-18125	ND	0.02	0.05	mg/L						0 25 PASS	
<b>Nitrate as N</b>			<b>Method: SM 4500-NO<sub>3</sub> E</b>			<b>Fraction: NA</b>			<b>Prepared: 08-Mar-16</b>			<b>Analyzed: 28-Mar-16</b>	
39400-B1	QAQC Procedural Blank	C-28042	ND	0.01	0.05	mg/L							
39400-BS1	QAQC Procedural Blank	C-28042	0.51	0.01	0.05	mg/L	0.5	0	102	80 - 120%	PASS		
39400-BS2	QAQC Procedural Blank	C-28042	0.51	0.01	0.05	mg/L	0.5	0	102	80 - 120%	PASS	0 25 PASS	
39402-MS1	LACDPW-030416-ASBS	C-28042	0.54	0.01	0.05	mg/L	0.5	0	108	80 - 120%	PASS		
39402-MS2	LACDPW-030416-ASBS	C-28042	0.54	0.01	0.05	mg/L	0.5	0	108	80 - 120%	PASS	0 25 PASS	
39402-R2	LACDPW-030416-ASBS	C-28042	ND	0.01	0.05	mg/L						0 25 PASS	
<b>Total Orthophosphate as P</b>			<b>Method: SM 4500-P E</b>			<b>Fraction: NA</b>			<b>Prepared: 06-Mar-16</b>			<b>Analyzed: 06-Mar-16</b>	
39400-B1	QAQC Procedural Blank	C-28025	ND	0.01	0.02	mg/L							
39400-BS1	QAQC Procedural Blank	C-28025	0.21	0.01	0.02	mg/L	0.2	0	105	80 - 120%	PASS		
39400-BS2	QAQC Procedural Blank	C-28025	0.22	0.01	0.02	mg/L	0.2	0	110	80 - 120%	PASS	5 25 PASS	
39402-MS1	LACDPW-030416-ASBS	C-28025	0.24	0.01	0.02	mg/L	0.2	0.04	100	80 - 120%	PASS		
39402-MS2	LACDPW-030416-ASBS	C-28025	0.25	0.01	0.02	mg/L	0.2	0.04	105	80 - 120%	PASS	5 25 PASS	
39402-R2	LACDPW-030416-ASBS	C-28025	0.04	0.01	0.02	mg/L						0 25 PASS	
19220-B1	QAQC Procedural Blank	C-28029	ND	0.01	0.02	mg/L							
19220-BS1	QAQC Procedural Blank	C-28029	0.2	0.01	0.02	mg/L	0.2	0	100	80 - 120%	PASS		
19220-BS2	QAQC Procedural Blank	C-28029	0.19	0.01	0.02	mg/L	0.2	0	95	80 - 120%	PASS	5 25 PASS	
39404-MS1	LACDPW-030616-ASBS	C-28029	0.51	0.01	0.02	mg/L	0.2	0.36	75	80 - 120%	PASS	PASS Q	
39404-MS2	LACDPW-030616-ASBS	C-28029	0.52	0.01	0.02	mg/L	0.2	0.36	80	80 - 120%	PASS	6 25 PASS	
39404-R2	LACDPW-030616-ASBS	C-28029	0.36	0.01	0.02	mg/L						3 25 PASS	
<b>Total Suspended Solids</b>			<b>Method: SM 2540 D</b>			<b>Fraction: NA</b>			<b>Prepared: 10-Mar-16</b>			<b>Analyzed: 10-Mar-16</b>	
39400-B1	QAQC Procedural Blank	C-29016	ND	0.5	0.5	mg/L							



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CA ELAP #2769

## Conventionals

## QUALITY CONTROL REPORT

SAMPLE ID	BATCH ID	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY % LIMITS	PRECISION % LIMITS	QA CODE
39404-R2	LACDPW-030616-ASBS	C-29016	466	0.5	0.5	mg/L			0 25	PASS

## Elements

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	LIMITS	PRECISION %	LIMITS	QA CODE
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**Sample ID: 39400-B1**

**QAQC Procedural Blank**

Method: EPA 1640

**Matrix: DI Water**

Batch ID: E-10125

**Sampled:**

Prepared: 14-Apr-16

**Received:**

Analyzed: 18-Apr-16

Arsenic (As)	Total	ND	0.005	0.015	µg/L							
Cadmium (Cd)	Total	ND	0.0025	0.005	µg/L							
Chromium (Cr)	Total	ND	0.0125	0.025	µg/L							
Copper (Cu)	Total	ND	0.005	0.01	µg/L							
Lead (Pb)	Total	ND	0.0025	0.005	µg/L							
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L							
Nickel (Ni)	Total	ND	0.0025	0.005	µg/L							
Selenium (Se)	Total	ND	0.005	0.015	µg/L							
Silver (Ag)	Total	ND	0.01	0.02	µg/L							
Zinc (Zn)	Total	ND	0.0025	0.005	µg/L							

**Sample ID: 39401-LCM1**

**QAQC LCM - Physis Seawater**

Method: EPA 1640

**Matrix: Seawater**

Batch ID: E-10125

**Sampled:**

Prepared: 14-Apr-16

**Received:**

Analyzed: 18-Apr-16

Arsenic (As)	Total	1.612	0.005	0.015	µg/L							
Cadmium (Cd)	Total	0.0913	0.0025	0.005	µg/L							
Chromium (Cr)	Total	0.1867	0.0125	0.025	µg/L							
Copper (Cu)	Total	0.148	0.005	0.01	µg/L							
Lead (Pb)	Total	0.0109	0.0025	0.005	µg/L							
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L							
Nickel (Ni)	Total	0.3416	0.0025	0.005	µg/L							
Selenium (Se)	Total	0.036	0.005	0.015	µg/L							
Silver (Ag)	Total	0.02	0.01	0.02	µg/L							
Zinc (Zn)	Total	0.1268	0.0025	0.005	µg/L							

**Sample ID: 39401-LCS1**

**QAQC LCM - Physis Seawater**

Method: EPA 1640

**Matrix: Seawater**

Batch ID: E-10125

**Sampled:**

Prepared: 14-Apr-16

**Received:**

Analyzed: 19-Apr-16

Arsenic (As)	Total	19.093	0.005	0.015	µg/L	20	1.612	87	75 - 125%	PASS		
Cadmium (Cd)	Total	17.3819	0.0025	0.005	µg/L	20	0.0913	86	75 - 125%	PASS		
Chromium (Cr)	Total	20.1777	0.0125	0.025	µg/L	20	0.1867	100	75 - 125%	PASS		
Copper (Cu)	Total	18.784	0.005	0.01	µg/L	20	0.148	93	75 - 125%	PASS		

**Elements**

**QUALITY CONTROL REPORT**

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY		PRECISION		QA CODE
								%	LIMITS	%	LIMITS	
Lead (Pb)	Total	19.6718	0.0025	0.005	µg/L	20	0.0109	98	75 - 125%	PASS		
Mercury (Hg)	Total	8.7502	0.0012	0.005	µg/L	10	0	88	75 - 125%	PASS		
Nickel (Ni)	Total	18.1103	0.0025	0.005	µg/L	20	0.3416	89	75 - 125%	PASS		
Selenium (Se)	Total	19.498	0.005	0.015	µg/L	20	0.036	97	75 - 125%	PASS		
Silver (Ag)	Total	11.33	0.01	0.02	µg/L	10	0.02	113	75 - 125%	PASS		
Zinc (Zn)	Total	18.7116	0.0025	0.005	µg/L	20	0.1268	93	75 - 125%	PASS		

**Sample ID: 39401-LCS2**

**QAQC LCM - Physis Seawater**

**Matrix: Seawater**

**Sampled:**

**Received:**

Method: EPA 1640

Batch ID: E-10125

Prepared: 14-Apr-16

Analyzed: 19-Apr-16

Arsenic (As)	Total	17.36	0.005	0.015	µg/L	20	1.612	79	75 - 125%	PASS	10	25	PASS
Cadmium (Cd)	Total	16.9025	0.0025	0.005	µg/L	20	0.0913	84	75 - 125%	PASS	2	25	PASS
Chromium (Cr)	Total	19.9591	0.0125	0.025	µg/L	20	0.1867	99	75 - 125%	PASS	1	25	PASS
Copper (Cu)	Total	18.32	0.005	0.01	µg/L	20	0.148	91	75 - 125%	PASS	2	25	PASS
Lead (Pb)	Total	19.1687	0.0025	0.005	µg/L	20	0.0109	96	75 - 125%	PASS	2	25	PASS
Mercury (Hg)	Total	9.4016	0.0012	0.005	µg/L	10	0	94	75 - 125%	PASS	7	25	PASS
Nickel (Ni)	Total	17.6022	0.0025	0.005	µg/L	20	0.3416	86	75 - 125%	PASS	3	25	PASS
Selenium (Se)	Total	18.933	0.005	0.015	µg/L	20	0.036	94	75 - 125%	PASS	3	25	PASS
Silver (Ag)	Total	9.78	0.01	0.02	µg/L	10	0.02	98	75 - 125%	PASS	14	25	PASS
Zinc (Zn)	Total	19.5891	0.0025	0.005	µg/L	20	0.1268	97	75 - 125%	PASS	4	25	PASS

**Sample ID: 39402-R2**

**LACDPW-030416-ASBS-S01 ASBS-S01**

**Matrix: Seawater**

**Sampled: 04-Mar-16 13:40**

**Received: 04-Mar-16**

Method: EPA 1640

Batch ID: E-10125

Prepared: 14-Apr-16

Analyzed: 18-Apr-16

Arsenic (As)	Total	1.527	0.005	0.015	µg/L						8	25	PASS	
Cadmium (Cd)	Total	0.0335	0.0025	0.005	µg/L						44	25	FAIL	
Chromium (Cr)	Total	0.5873	0.0125	0.025	µg/L						5	25	PASS	
Copper (Cu)	Total	0.344	0.005	0.01	µg/L						1	25	PASS	
Lead (Pb)	Total	0.1272	0.0025	0.005	µg/L						40	25	FAIL	
Mercury (Hg)	Total	ND	0.0012	0.005	µg/L						0	25	PASS	
Nickel (Ni)	Total	0.4532	0.0025	0.005	µg/L						1	25	PASS	
Selenium (Se)	Total	0.025	0.005	0.015	µg/L						8	25	PASS	
Silver (Ag)	Total	0.03	0.01	0.02	µg/L						40	25	FAIL	SL
Zinc (Zn)	Total	0.4179	0.0025	0.005	µg/L						85	25	FAIL	



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## Elements

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY % LIMITS	PRECISION % LIMITS	QA CODE
<b>Sample ID: 39403-R2</b>		<b>LACDPW-030616-ASBS-016-POST ASBS-o</b>			<b>Matrix: Freshwater</b>		<b>Sampled: 06-Mar-16 4:30</b>		<b>Received: 06-Mar-16</b>	
Method: EPA 1640		Batch ID: E-10125					Prepared: 14-Apr-16		Analyzed: 18-Apr-16	
Arsenic (As)	Total	2.255	0.005	0.015	µg/L				10 25	PASS
Cadmium (Cd)	Total	0.8938	0.0025	0.005	µg/L				0 25	PASS
Chromium (Cr)	Total	33.5173	0.0125	0.025	µg/L				0 25	PASS
Copper (Cu)	Total	26.003	0.005	0.01	µg/L				0 25	PASS
Lead (Pb)	Total	6.4763	0.0025	0.005	µg/L				0 25	PASS
Mercury (Hg)	Total	0.0654	0.0012	0.005	µg/L				4 25	PASS
Nickel (Ni)	Total	36.0084	0.0025	0.005	µg/L				0 25	PASS
Selenium (Se)	Total	0.21	0.005	0.015	µg/L				55 25	FAIL
Silver (Ag)	Total	ND	0.01	0.02	µg/L				0 25	PASS
Zinc (Zn)	Total	102.7733	0.0025	0.005	µg/L				0 25	PASS

## Organophosphorus Pesticides

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY % LIMITS	PRECISION % LIMITS	QA CODE
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Sample ID: 39400-B1		QAQC Procedural Blank			Matrix: DI Water		Sampled:		Received:	
		Method: EPA 625			Batch ID: O-9128		Prepared: 06-Mar-16		Analyzed: 27-Mar-16	
(PCB030)	Total	83			% Recovery	100	83	50 - 150%	PASS	
(PCB112)	Total	77			% Recovery	100	77	50 - 150%	PASS	
(PCB198)	Total	79			% Recovery	100	79	50 - 150%	PASS	
(TCMX)	Total	82			% Recovery	100	82	50 - 150%	PASS	
Bolstar (Sulprofos)	Total	ND	2	4	ng/L					
Chlorpyrifos	Total	ND	0.5	1	ng/L					
Demeton	Total	ND	1	2	ng/L					
Diazinon	Total	ND	0.5	1	ng/L					
Dichlorvos	Total	ND	3	6	ng/L					
Dimethoate	Total	ND	5	10	ng/L					
Disulfoton	Total	ND	1	2	ng/L					
Ethoprop (Ethoprofos)	Total	ND	1	2	ng/L					
Fenchlorphos (Ronnell)	Total	ND	2	4	ng/L					
Fensulfothion	Total	ND	1	2	ng/L					
Fenthion	Total	ND	2	4	ng/L					
Malathion	Total	ND	3	6	ng/L					
Methidathion	Total	ND	5	10	ng/L					
Methyl parathion	Total	ND	1	2	ng/L					
Mevinphos (Phosdrin)	Total	ND	5	10	ng/L					
Phorate	Total	ND	5	10	ng/L					
Phosmet	Total	ND	5	10	ng/L					
Tetrachlorvinphos (Stirofos)	Total	ND	2	4	ng/L					
Tokuthion	Total	ND	3	6	ng/L					
Trichloronate	Total	ND	1	2	ng/L					

Sample ID: 39400-BS1		QAQC Procedural Blank			Matrix: DI Water		Sampled:		Received:	
		Method: EPA 625			Batch ID: O-9128		Prepared: 06-Mar-16		Analyzed: 27-Mar-16	
(PCB030)	Total	89			% Recovery	100	0	89	50 - 150%	PASS
(PCB112)	Total	94			% Recovery	100	0	94	50 - 150%	PASS

## Organophosphorus Pesticides

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY		PRECISION		QA CODE
								%	LIMITS	%	LIMITS	
(PCB198)	Total	104			% Recovery	100	0	104	50 - 150%	PASS		
(TCMX)	Total	84			% Recovery	100	0	84	50 - 150%	PASS		
Bolstar (Sulprofos)	Total	474.4	2	4	ng/L	500	0	95	50 - 150%	PASS		
Chlorpyrifos	Total	442	0.5	1	ng/L	500	0	88	50 - 150%	PASS		
Demeton	Total	453.5	1	2	ng/L	500	0	91	50 - 150%	PASS		
Diazinon	Total	432.7	0.5	1	ng/L	500	0	87	50 - 150%	PASS		
Dichlorvos	Total	421.1	3	6	ng/L	500	0	84	50 - 150%	PASS		
Dimethoate	Total	293.4	5	10	ng/L	500	0	59	50 - 150%	PASS		
Disulfoton	Total	362.2	1	2	ng/L	500	0	72	50 - 150%	PASS		
Ethoprop (Ethoprofos)	Total	404.5	1	2	ng/L	500	0	81	50 - 150%	PASS		
Fenchlorphos (Rannel)	Total	432.8	2	4	ng/L	500	0	87	50 - 150%	PASS		
Fensulfothion	Total	618.6	1	2	ng/L	500	0	124	50 - 150%	PASS		
Fenthion	Total	422.8	2	4	ng/L	500	0	85	50 - 150%	PASS		
Malathion	Total	477.1	3	6	ng/L	500	0	95	50 - 150%	PASS		
Methidathion	Total	516.1	5	10	ng/L	500	0	103	50 - 150%	PASS		
Methyl parathion	Total	462	1	2	ng/L	500	0	92	50 - 150%	PASS		
Mevinphos (Phosdrin)	Total	408.3	5	10	ng/L	500	0	82	50 - 150%	PASS		
Phorate	Total	415.5	5	10	ng/L	500	0	83	50 - 150%	PASS		
Phosmet	Total	457.2	5	10	ng/L	500	0	91	50 - 150%	PASS		
Tetrachlorvinphos (Stirofos)	Total	512.2	2	4	ng/L	500	0	102	50 - 150%	PASS		
Tokuthion	Total	428.5	3	6	ng/L	500	0	86	50 - 150%	PASS		
Trichloronate	Total	418.7	1	2	ng/L	500	0	84	50 - 150%	PASS		

**Sample ID:** 39400-BS2

**QAQC Procedural Blank**

Method: EPA 625

**Matrix:** DI Water

Batch ID: O-9128

**Sampled:**

Prepared: 06-Mar-16

**Received:**

Analyzed: 27-Mar-16

(PCB030)	Total	86			% Recovery	100	0	86	50 - 150%	PASS	3	30	PASS
(PCB112)	Total	92			% Recovery	100	0	92	50 - 150%	PASS	2	30	PASS
(PCB198)	Total	101			% Recovery	100	0	101	50 - 150%	PASS	3	30	PASS
(TCMX)	Total	78			% Recovery	100	0	78	50 - 150%	PASS	7	30	PASS
Bolstar (Sulprofos)	Total	464.3	2	4	ng/L	500	0	93	50 - 150%	PASS	2	25	PASS
Chlorpyrifos	Total	436.2	0.5	1	ng/L	500	0	87	50 - 150%	PASS	1	25	PASS
Demeton	Total	431.7	1	2	ng/L	500	0	86	50 - 150%	PASS	6	25	PASS





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## Organophosphorus Pesticides

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY		PRECISION		QA CODE
								%	LIMITS	%	LIMITS	
Diazinon	Total	414.3	0.5	1	ng/L	500	0	83	50 - 150%	PASS	5 25	PASS
Dichlorvos	Total	379.5	3	6	ng/L	500	0	76	50 - 150%	PASS	10 25	PASS
Dimethoate	Total	280.5	5	10	ng/L	500	0	56	50 - 150%	PASS	5 25	PASS
Disulfoton	Total	350.2	1	2	ng/L	500	0	70	50 - 150%	PASS	3 25	PASS
Ethoprop (Ethoprofos)	Total	377.1	1	2	ng/L	500	0	75	50 - 150%	PASS	8 25	PASS
Fenclorphos (Ronnell)	Total	420.8	2	4	ng/L	500	0	84	50 - 150%	PASS	4 25	PASS
Fensulfothion	Total	565.5	1	2	ng/L	500	0	113	50 - 150%	PASS	9 25	PASS
Fenthion	Total	426.2	2	4	ng/L	500	0	85	50 - 150%	PASS	0 25	PASS
Malathion	Total	483.3	3	6	ng/L	500	0	97	50 - 150%	PASS	2 25	PASS
Methidathion	Total	529.4	5	10	ng/L	500	0	106	50 - 150%	PASS	3 25	PASS
Methyl parathion	Total	496.1	1	2	ng/L	500	0	99	50 - 150%	PASS	7 25	PASS
Mevinphos (Phosdrin)	Total	362.6	5	10	ng/L	500	0	73	50 - 150%	PASS	12 25	PASS
Phorate	Total	404.4	5	10	ng/L	500	0	81	50 - 150%	PASS	2 25	PASS
Phosmet	Total	474.7	5	10	ng/L	500	0	95	50 - 150%	PASS	4 25	PASS
Tetrachlorvinphos (Stirofos)	Total	520.1	2	4	ng/L	500	0	104	50 - 150%	PASS	2 25	PASS
Tokuthion	Total	411.2	3	6	ng/L	500	0	82	50 - 150%	PASS	5 25	PASS
Trichloronate	Total	427	1	2	ng/L	500	0	85	50 - 150%	PASS	1 25	PASS

## Polynuclear Aromatic Hydrocarbons

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY % LIMITS	PRECISION % LIMITS	QA CODE
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**Sample ID: 39400-B1**

**QAQC Procedural Blank**

**Matrix: DI Water**

**Sampled:**

**Received:**

Method: EPA 625

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 27-Mar-16

(d10-Acenaphthene)	Total	81			% Recovery	100		81	50 - 150%	PASS
(d10-Phenanthrene)	Total	76			% Recovery	100		76	50 - 150%	PASS
(d12-Chrysene)	Total	112			% Recovery	100		112	50 - 150%	PASS
(d8-Naphthalene)	Total	77			% Recovery	100		77	50 - 150%	PASS
1-Methylnaphthalene	Total	ND	1	5	ng/L					
1-Methylphenanthrene	Total	ND	1	5	ng/L					
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L					
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L					
2-Methylnaphthalene	Total	ND	1	5	ng/L					
Acenaphthene	Total	ND	1	5	ng/L					
Acenaphthylene	Total	ND	1	5	ng/L					
Anthracene	Total	ND	1	5	ng/L					
Benz[a]anthracene	Total	ND	1	5	ng/L					
Benzo[a]pyrene	Total	ND	1	5	ng/L					
Benzo[b]fluoranthene	Total	ND	1	5	ng/L					
Benzo[e]pyrene	Total	ND	1	5	ng/L					
Benzo[g,h,i]perylene	Total	ND	1	5	ng/L					
Benzo[k]fluoranthene	Total	ND	1	5	ng/L					
Biphenyl	Total	ND	1	5	ng/L					
Chrysene	Total	ND	1	5	ng/L					
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L					
Dibenzothiophene	Total	ND	1	5	ng/L					
Fluoranthene	Total	ND	1	5	ng/L					
Fluorene	Total	ND	1	5	ng/L					
Indeno[1,2,3-c,d]pyrene	Total	ND	1	5	ng/L					
Naphthalene	Total	ND	1	5	ng/L					
Perylene	Total	ND	1	5	ng/L					
Phenanthrene	Total	ND	1	5	ng/L					
Pyrene	Total	ND	1	5	ng/L					



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## Polynuclear Aromatic Hydrocarbons

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	PRECISION %	QA CODE
								LIMITS	LIMITS	

Sample ID: 39400-BS1

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 27-Mar-16

(d10-Acenaphthene)	Total	87			% Recovery	100	0	87	50 - 150%	PASS
(d10-Phenanthrene)	Total	95			% Recovery	100	0	95	50 - 150%	PASS
(d12-Chrysene)	Total	114			% Recovery	100	0	114	50 - 150%	PASS
(d8-Naphthalene)	Total	79			% Recovery	100	0	79	50 - 150%	PASS
1-Methylnaphthalene	Total	448.5	1	5	ng/L	500	0	90	50 - 150%	PASS
1-Methylphenanthrene	Total	458	1	5	ng/L	500	0	92	50 - 150%	PASS
2,3,5-Trimethylnaphthalene	Total	466.8	1	5	ng/L	500	0	93	50 - 150%	PASS
2,6-Dimethylnaphthalene	Total	458.8	1	5	ng/L	500	0	92	50 - 150%	PASS
2-Methylnaphthalene	Total	445.3	1	5	ng/L	500	0	89	50 - 150%	PASS
Acenaphthene	Total	457.2	1	5	ng/L	500	0	91	50 - 150%	PASS
Acenaphthylene	Total	440.5	1	5	ng/L	500	0	88	50 - 150%	PASS
Anthracene	Total	449.9	1	5	ng/L	500	0	90	50 - 150%	PASS
Benz[a]anthracene	Total	526.5	1	5	ng/L	500	0	105	50 - 150%	PASS
Benzo[a]pyrene	Total	484.6	1	5	ng/L	500	0	97	50 - 150%	PASS
Benzo[b]fluoranthene	Total	502.1	1	5	ng/L	500	0	100	50 - 150%	PASS
Benzo[e]pyrene	Total	505.4	1	5	ng/L	500	0	101	50 - 150%	PASS
Benzo[g,h,i]perylene	Total	454.6	1	5	ng/L	500	0	91	50 - 150%	PASS
Benzo[k]fluoranthene	Total	518.2	1	5	ng/L	500	0	104	50 - 150%	PASS
Biphenyl	Total	465	1	5	ng/L	500	0	93	50 - 150%	PASS
Chrysene	Total	531.5	1	5	ng/L	500	0	106	50 - 150%	PASS
Dibenz[a,h]anthracene	Total	425.8	1	5	ng/L	500	0	85	50 - 150%	PASS
Dibenzothiophene	Total	467.9	1	5	ng/L	500	0	94	50 - 150%	PASS
Fluoranthene	Total	452.5	1	5	ng/L	500	0	90	50 - 150%	PASS
Fluorene	Total	465.9	1	5	ng/L	500	0	93	50 - 150%	PASS
Indeno[1,2,3-c,d]pyrene	Total	443.5	1	5	ng/L	500	0	89	50 - 150%	PASS
Naphthalene	Total	433.8	1	5	ng/L	500	0	87	50 - 150%	PASS
Perylene	Total	477.9	1	5	ng/L	500	0	96	50 - 150%	PASS
Phenanthrene	Total	465.9	1	5	ng/L	500	0	93	50 - 150%	PASS
Pyrene	Total	453.4	1	5	ng/L	500	0	91	50 - 150%	PASS



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## Polynuclear Aromatic Hydrocarbons

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY % LIMITS	PRECISION % LIMITS	QA CODE
<b>Sample ID: 39400-BS2</b>		<b>QAQC Procedural Blank</b>			<b>Matrix: DI Water</b>		<b>Sampled:</b>		<b>Received:</b>	
Method: EPA 625		Batch ID: O-9128			Prepared: 06-Mar-16		Analyzed: 27-Mar-16			
(d10-Acenaphthene)	Total	87			% Recovery	100	0	87 50 - 150% PASS	0 30 PASS	
(d10-Phenanthrene)	Total	96			% Recovery	100	0	96 50 - 150% PASS	1 30 PASS	
(d12-Chrysene)	Total	114			% Recovery	100	0	114 50 - 150% PASS	0 30 PASS	
(d8-Naphthalene)	Total	79			% Recovery	100	0	79 50 - 150% PASS	0 30 PASS	
1-Methylnaphthalene	Total	455.4	1	5	ng/L	500	0	91 50 - 150% PASS	1 25 PASS	
1-Methylphenanthrene	Total	478.9	1	5	ng/L	500	0	96 50 - 150% PASS	4 25 PASS	
2,3,5-Trimethylnaphthalene	Total	466.4	1	5	ng/L	500	0	93 50 - 150% PASS	0 25 PASS	
2,6-Dimethylnaphthalene	Total	461.5	1	5	ng/L	500	0	92 50 - 150% PASS	0 25 PASS	
2-Methylnaphthalene	Total	456.8	1	5	ng/L	500	0	91 50 - 150% PASS	2 25 PASS	
Acenaphthene	Total	459.1	1	5	ng/L	500	0	92 50 - 150% PASS	1 25 PASS	
Acenaphthylene	Total	447.4	1	5	ng/L	500	0	89 50 - 150% PASS	1 25 PASS	
Anthracene	Total	464.1	1	5	ng/L	500	0	93 50 - 150% PASS	3 25 PASS	
Benz[a]anthracene	Total	537.3	1	5	ng/L	500	0	107 50 - 150% PASS	2 25 PASS	
Benzo[a]pyrene	Total	492.2	1	5	ng/L	500	0	98 50 - 150% PASS	1 25 PASS	
Benzo[b]fluoranthene	Total	510.3	1	5	ng/L	500	0	102 50 - 150% PASS	2 25 PASS	
Benzo[e]pyrene	Total	512.5	1	5	ng/L	500	0	102 50 - 150% PASS	1 25 PASS	
Benzo[g,h,i]perylene	Total	460.7	1	5	ng/L	500	0	92 50 - 150% PASS	1 25 PASS	
Benzo[k]fluoranthene	Total	520.3	1	5	ng/L	500	0	104 50 - 150% PASS	0 25 PASS	
Biphenyl	Total	466.7	1	5	ng/L	500	0	93 50 - 150% PASS	0 25 PASS	
Chrysene	Total	539.5	1	5	ng/L	500	0	108 50 - 150% PASS	2 25 PASS	
Dibenz[a,h]anthracene	Total	445.7	1	5	ng/L	500	0	89 50 - 150% PASS	5 25 PASS	
Dibenzothiophene	Total	476.1	1	5	ng/L	500	0	95 50 - 150% PASS	1 25 PASS	
Fluoranthene	Total	474.9	1	5	ng/L	500	0	95 50 - 150% PASS	5 25 PASS	
Fluorene	Total	464	1	5	ng/L	500	0	93 50 - 150% PASS	0 25 PASS	
Indeno[1,2,3-c,d]pyrene	Total	454.2	1	5	ng/L	500	0	91 50 - 150% PASS	2 25 PASS	
Naphthalene	Total	449.5	1	5	ng/L	500	0	90 50 - 150% PASS	3 25 PASS	
Perylene	Total	486.5	1	5	ng/L	500	0	97 50 - 150% PASS	1 25 PASS	
Phenanthrene	Total	475.5	1	5	ng/L	500	0	95 50 - 150% PASS	2 25 PASS	
Pyrene	Total	482.9	1	5	ng/L	500	0	97 50 - 150% PASS	6 25 PASS	



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CA ELAP #2769

## Pyrethroids

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY %	PRECISION %	QA CODE
								LIMITS	LIMITS	

Sample ID: 39400-B1

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625-NCI

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 20-Mar-16

Allethrin	Total	ND	0.5	2	ng/L					
Bifenthrin	Total	ND	0.5	2	ng/L					
Cyfluthrin	Total	ND	0.5	2	ng/L					
Cyhalothrin, Total Lambda	Total	ND	0.5	2	ng/L					
Cypermethrin	Total	ND	0.5	2	ng/L					
Danitol (Fenpropathrin)	Total	ND	0.3	2	ng/L					
Deltamethrin/Tralomethrin	Total	ND	0.5	2	ng/L					
Esfenvalerate	Total	ND	0.5	2	ng/L					
Fenvalerate	Total	ND	0.5	2	ng/L					
Fluvalinate	Total	ND	0.5	2	ng/L					
Permethrin, cis-	Total	ND	2	4	ng/L					
Permethrin, trans-	Total	ND	1	2	ng/L					
Prallethrin	Total	ND	0.5	2	ng/L					
Resmethrin	Total	ND	5	10	ng/L					

Sample ID: 39400-BS1

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625-NCI

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 21-Mar-16

Allethrin	Total	501.8	0.5	2	ng/L	500	0	100	50 - 150%	PASS
Bifenthrin	Total	558.1	0.5	2	ng/L	500	0	112	50 - 150%	PASS
Cyfluthrin	Total	488	0.5	2	ng/L	500	0	98	50 - 150%	PASS
Cyhalothrin, Total Lambda	Total	494.1	0.5	2	ng/L	500	0	99	50 - 150%	PASS
Cypermethrin	Total	460	0.5	2	ng/L	500	0	92	50 - 150%	PASS
Danitol (Fenpropathrin)	Total	520.3	0.3	2	ng/L	500	0	104	50 - 150%	PASS
Deltamethrin/Tralomethrin	Total	440.2	0.5	2	ng/L	500	0	88	50 - 150%	PASS
Esfenvalerate	Total	478	0.5	2	ng/L	500	0	96	50 - 150%	PASS
Fenvalerate	Total	457.4	0.5	2	ng/L	500	0	91	50 - 150%	PASS
Fluvalinate	Total	448	0.5	2	ng/L	500	0	90	50 - 150%	PASS
Permethrin, cis-	Total	148.3	2	4	ng/L	133.5	0	111	50 - 150%	PASS
Permethrin, trans-	Total	328	1	2	ng/L	358	0	92	50 - 150%	PASS



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CA ELAP #2769

# Pyrethroids

# QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY		PRECISION		QA CODE
								%	LIMITS	%	LIMITS	
Prallethrin	Total	516	0.5	2	ng/L	500	0	103	50 - 150%	PASS		
Resmethrin	Total	0	5	10	ng/L	500	0	0	50 - 150%	PASS	PASS	Q

Sample ID: 39400-BS2

QAQC Procedural Blank

Matrix: DI Water

Sampled:

Received:

Method: EPA 625-NCI

Batch ID: O-9128

Prepared: 06-Mar-16

Analyzed: 21-Mar-16

Allethrin	Total	483.4	0.5	2	ng/L	500	0	97	50 - 150%	PASS	3	25	PASS	
Bifenthrin	Total	547.9	0.5	2	ng/L	500	0	110	50 - 150%	PASS	2	25	PASS	
Cyfluthrin	Total	482.6	0.5	2	ng/L	500	0	97	50 - 150%	PASS	1	25	PASS	
Cyhalothrin, Total Lambda	Total	448.3	0.5	2	ng/L	500	0	90	50 - 150%	PASS	10	25	PASS	
Cypermethrin	Total	478.9	0.5	2	ng/L	500	0	96	50 - 150%	PASS	4	25	PASS	
Danitol (Fenpropathrin)	Total	487	0.3	2	ng/L	500	0	97	50 - 150%	PASS	7	25	PASS	
Deltamethrin/Tralomethrin	Total	443.2	0.5	2	ng/L	500	0	89	50 - 150%	PASS	1	25	PASS	
Esfenvalerate	Total	467.5	0.5	2	ng/L	500	0	94	50 - 150%	PASS	2	25	PASS	
Fenvalerate	Total	461	0.5	2	ng/L	500	0	92	50 - 150%	PASS	1	25	PASS	
Fluvalinate	Total	449.3	0.5	2	ng/L	500	0	90	50 - 150%	PASS	0	25	PASS	
Permethrin, cis-	Total	173.5	2	4	ng/L	133.5	0	130	50 - 150%	PASS	16	25	PASS	
Permethrin, trans-	Total	173.6	1	2	ng/L	358	0	48	50 - 150%	PASS	63	25	PASS	Q
Prallethrin	Total	485	0.5	2	ng/L	500	0	97	50 - 150%	PASS	6	25	PASS	
Resmethrin	Total	0	5	10	ng/L	500	0	0	50 - 150%	PASS	0	25	PASS	Q



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## Total Extractable Organics

## QUALITY CONTROL REPORT

ANALYTE	FRACTION	RESULT	MDL	RL	UNITS	SPIKE LEVEL	SOURCE RESULT	ACCURACY % LIMITS	PRECISION % LIMITS	QA CODE
<b>Sample ID: 39400-B1</b>		<b>QAQC Procedural Blank</b>			<b>Matrix: DI Water</b>		<b>Sampled:</b>		<b>Received:</b>	
		Method: EPA 1664B			Batch ID: C-19056		Prepared: 31-Mar-16		Analyzed: 31-Mar-16	
Oil & Grease	NA	ND	1	1	mg/L					
<b>Sample ID: 39400-BS1</b>		<b>QAQC Procedural Blank</b>			<b>Matrix: DI Water</b>		<b>Sampled:</b>		<b>Received:</b>	
		Method: EPA 1664B			Batch ID: C-19056		Prepared: 31-Mar-16		Analyzed: 31-Mar-16	
Oil & Grease	NA	31.2	1	1	mg/L	40	0	78 80 - 120% PASS	PASS	Q
<b>Sample ID: 39400-BS2</b>		<b>QAQC Procedural Blank</b>			<b>Matrix: DI Water</b>		<b>Sampled:</b>		<b>Received:</b>	
		Method: EPA 1664B			Batch ID: C-19056		Prepared: 31-Mar-16		Analyzed: 31-Mar-16	
Oil & Grease	NA	31.5	1	1	mg/L	40	0	79 80 - 120% PASS	1 25 PASS	Q

# CHAIN OF CUSTODY

PARTISANS

TERRA FIDELITY & AURA  
ENVIRONMENTAL LABORATORIES, INC.

*Innovative Solutions for Nature*





ASK FOR BAGGED METALS CONTAINER

### Ocean Receiving Water Chemistry and Toxicity

**Table 2. List of Analyses to Be Conducted on Samples Collected at Ocean Receiving Water Monitoring Sites**

Constituent	Method	Holding Time	Method Reporting Limits	Units	COP <sup>1</sup>	Bottle Type/Preservative
<b>General Chemistry</b>						
Total Suspended Solids	SM 2540-D	7 days	5.0	mg/L		1 L HDPE
Oil and Grease	EPA 1664A	28 days	5.0	mg/L		250-mL glass
Ammonia-N	SM 4500-NH3 D	28 days	0.06	µg/L		250 mL glass H <sub>2</sub> SO <sub>4</sub>
Nitrate-N	SM 4500-NO3 E	48 hours	0.05	mg/L		250 mL HDPE
Total Orthophosphate (as P)	SM 4500-P E	28 days	0.02	mg/L		
<b>Total Metals</b>						
Aluminum (Al)	EPA 1640	Lab will acidify, then 180 days	6	µg/L		1L HDPE
Antimony (Sb)			0.015	µg/L		
Arsenic (As)			0.015	µg/L	80	
Beryllium (Be)			0.01	µg/L		
Cadmium (Cd)			0.01	µg/L	10	
Chromium (Cr)			0.05	µg/L	20*	
Copper (Cu)			0.02	µg/L	30	
Lead (Pb)			0.01	µg/L	20	
Manganese (Mn)			0.02	µg/L		
Molybdenum (Mo)			0.01	µg/L		
Nickel (Ni)			0.01	µg/L	50	
Selenium (Se)			0.015	µg/L	150	
Silver (Ag)			0.04	µg/L	7	
Thallium (Tl)			0.01	µg/L		
Zinc (Zn)			0.01	µg/L	200	
Mercury (Hg)	EPA 1640		0.02	µg/L	0.4	
<b>Organophosphorus Pesticides</b>						
Bolstar (Sulprofos)	EPA 625	7 days until extraction, 40 days until analysis	4	ng/L		A total of 2 L for OP pesticides, Synthetic pyrethroids and PAHs- Amber bottles
Chlorpyrifos			2	ng/L		
Demeton			2	ng/L		
Diazinon			4	ng/L		
Dichlorvos			6	ng/L		
Disulfoton			2	ng/L		
Ethoprop (Ethoprofos)			2	ng/L		
Fenchlorophos (Ronnel)			4	ng/L		
Fensulfothion			2	ng/L		
Fenthion			4	ng/L		
Malathion			6	ng/L		
Methyl Parathion			2	ng/L		
Mevinphos (Phosdrin)			16	ng/L		
Phorate			12	ng/L		
Tetrachlorvinphos (Stirofos)			4	ng/L		
Tokuthion	6	ng/L				
Trichloronate	2	ng/L				
<b>Synthetic Pyrethroids</b>						

## Ocean Receiving Water Chemistry and Toxicity

Table 2. List of Analyses to Be Conducted on Samples Collected at Ocean Receiving Water Monitoring Sites

Constituent	Method	Holding Time	Method Reporting Limits	Units	COP <sup>1</sup>	Bottle Type/Preservative
Allethrin	EPA 625 NCI	21 days	2	ng/L		A total of 2 L for OP pesticides, Synthetic pyrethroids and PAHs- Amber bottles
Bifenthrin			2	ng/L		
Cyfluthrin			2	ng/L		
Cypermethrin			2	ng/L		
Danitol (Fenpropathrin)			2	ng/L		
Deltamethrin			2	ng/L		
Esfenvalerate			2	ng/L		
Fenvalerate			2	ng/L		
Fluvalinate			2	ng/L		
L-Cyhalothrin			2	ng/L		
Permethrin, cis-			25	ng/L		
Permethrin, trans-			25	ng/L		
Prallethrin			2	ng/L		
Resmethrin			25	ng/L		
<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>						
1-Methylnaphthalene	EPA 625	7 days until extraction, 40 days until analysis	5	ng/L		A total of 2 L for OP pesticides, Synthetic pyrethroids and PAHs- Amber bottles
1-Methylphenanthrene			5	ng/L		
2,3,5-Trimethylnaphthalene			5	ng/L		
2,6-Dimethylnaphthalene			5	ng/L		
2-Methylnaphthalene			5	ng/L		
Acenaphthene			5	ng/L		
Acenaphthylene			5	ng/L		
Anthracene			5	ng/L		
Benzo(a)anthracene			5	ng/L		
Benzo(a)pyrene			5	ng/L		
Benzo(b)fluoranthene			5	ng/L		
Benzo(e)pyrene			5	ng/L		
Benzo(g,h,i)perylene			5	ng/L		
Benzo(k)fluoranthene			5	ng/L		
Biphenyl			5	ng/L		
Chrysene			5	ng/L		
Dibenzo(a,h)anthracene			5	ng/L		
Dibenzothiophene			5	ng/L		
Fluoranthene			5	ng/L		
Fluorene			5	ng/L		
Indeno(1,2,3-cd)pyrene	5	ng/L				
Naphthalene	5	ng/L				
Perylene	5	ng/L				
Phenanthrene	5	ng/L				
Pyrene	5	ng/L				
<b>Toxicity</b>						
Bivalve Development (1-storm event)	EPA/600/R-95/136 (Mod Bight)	36 h preferred	NA	NA	NA	4 L cubitainer



1210002-007

## Sample Receipt Summary

Client:  Date Received:  Received By:  Inspected By:

Courier:		Cooler:		Temperature:	
<input type="checkbox"/> Physis	<input type="checkbox"/> FEDEX	<input type="checkbox"/> UPS	<input checked="" type="checkbox"/> Client	<input checked="" type="checkbox"/> Cooler	<input type="checkbox"/> Box
Start <input type="text"/>	End <input type="text"/>	<input type="checkbox"/> Other: <input type="text"/>	Total #:	<input type="text" value="1"/>	<input type="checkbox"/> BLUE
			<input type="checkbox"/> Other: <input type="text"/>		<input checked="" type="checkbox"/> WET
					<input type="checkbox"/> DRY
					<input type="checkbox"/> None
					<input type="text" value="1.5"/> °C

Sample Integrity Upon Receipt:

1. COC(s) included and completely filled out.....Yes
2. All sample containers arrived intact.....Yes
3. All samples listed on COC(s) are present.....Yes
4. Information on containers consistent with information on COC(s).....Yes
5. Correct containers and volume for all analyses indicated.....Yes
6. All samples received within method holding time.....Yes
7. Correct preservation used for all analyses indicated.....Yes
8. Name of sampler included on COC(s).....Yes

Notes:



## Ocean Receiving Water Chemistry and Toxicity

**Table 2. List of Analyses to Be Conducted on Samples Collected at Ocean Receiving Water Monitoring Sites**

Constituent	Method	Holding Time	Method Reporting Limits	Units	COP <sup>1</sup>	Bottle Type/Preservative
<b>General Chemistry</b>						
Total Suspended Solids	SM 2540-D	7 days	5.0	mg/L		1 L HDPE
Oil and Grease	EPA 1664A	28 days	5.0	mg/L		250-mL glass
Ammonia-N	SM 4500-NH <sub>3</sub> D	28 days	0.06	µg/L		250 mL glass H <sub>2</sub> SO <sub>4</sub>
Nitrate-N	SM 4500-NO <sub>3</sub> E	48 hours	0.05	mg/L		250 mL HDPE
Total Orthophosphate (as P)	SM 4500-P E	28 days	0.02	mg/L		
<b>Total Metals</b>						
Aluminum (Al)	EPA 1640	Lab will acidify, then 180 days	6	µg/L		1L HDPE
Antimony (Sb)			0.015	µg/L		
Arsenic (As)			0.015	µg/L	80	
Beryllium (Be)			0.01	µg/L		
Cadmium (Cd)			0.01	µg/L	10	
Chromium (Cr)			0.05	µg/L	20*	
Copper (Cu)			0.02	µg/L	30	
Lead (Pb)			0.01	µg/L	20	
Manganese (Mn)			0.02	µg/L		
Molybdenum (Mo)			0.01	µg/L		
Nickel (Ni)			0.01	µg/L	50	
Selenium (Se)			0.015	µg/L	150	
Silver (Ag)			0.04	µg/L	7	
Thallium (Tl)			0.01	µg/L		
Zinc (Zn)	0.01	µg/L	200			
Mercury (Hg)	EPA 1640		0.02	µg/L	0.4	
<b>Organophosphorus Pesticides</b>						
Bolstar (Sulprofos)	EPA 625	7 days until extraction, 40 days until analysis	4	ng/L		A total of 2 L for OP pesticides, Synthetic pyrethroids and PAHs- Amber bottles
Chlorpyrifos			2	ng/L		
Demeton			2	ng/L		
Diazinon			4	ng/L		
Dichlorvos			6	ng/L		
Disulfoton			2	ng/L		
Ethoprop (Ethoprofos)			2	ng/L		
Fenchlorophos (Ronnel)			4	ng/L		
Fensulfothion			2	ng/L		
Fenthion			4	ng/L		
Malathion			6	ng/L		
Methyl Parathion			2	ng/L		
Mevinphos (Phosdrin)			16	ng/L		
Phorate			12	ng/L		
Tetrachlorvinphos (Stirofos)			4	ng/L		
Tokuthion			6	ng/L		
Trichloronate	2	ng/L				
<b>Synthetic Pyrethroids</b>						

## Ocean Receiving Water Chemistry and Toxicity

**Table 2. List of Analyses to Be Conducted on Samples Collected at Ocean Receiving Water Monitoring Sites**

Constituent	Method	Holding Time	Method Reporting Limits	Units	COP <sup>1</sup>	Bottle Type/Preservative
Allethrin	EPA 625 NCI	21 days	2	ng/L		A total of 2 L for OP pesticides, Synthetic pyrethroids and PAHs- Amber bottles
Bifenthrin			2	ng/L		
Cyfluthrin			2	ng/L		
Cypermethrin			2	ng/L		
Danitol (Fenpropathrin)			2	ng/L		
Deltamethrin			2	ng/L		
Esfenvalerate			2	ng/L		
Fenvalerate			2	ng/L		
Fluvalinate			2	ng/L		
L-Cyhalothrin			2	ng/L		
Permethrin, cis-			25	ng/L		
Permethrin, trans-			25	ng/L		
Prallethrin			2	ng/L		
Resmethrin			25	ng/L		
<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>						
1-Methylnaphthalene	EPA 625	7 days until extraction, 40 days until analysis	5	ng/L		A total of 2 L for OP pesticides, Synthetic pyrethroids and PAHs- Amber bottles
1-Methylphenanthrene			5	ng/L		
2,3,5-Trimethylnaphthalene			5	ng/L		
2,6-Dimethylnaphthalene			5	ng/L		
2-Methylnaphthalene			5	ng/L		
Acenaphthene			5	ng/L		
Acenaphthylene			5	ng/L		
Anthracene			5	ng/L		
Benzo(a)anthracene			5	ng/L		
Benzo(a)pyrene			5	ng/L		
Benzo(b)fluoranthene			5	ng/L		
Benzo(e)pyrene			5	ng/L		
Benzo(g,h,i)perylene			5	ng/L		
Benzo(k)fluoranthene			5	ng/L		
Biphenyl			5	ng/L		
Chrysene			5	ng/L		
Dibenzo(a,h)anthracene			5	ng/L		
Dibenzothiophene			5	ng/L		
Fluoranthene			5	ng/L		
Fluorene			5	ng/L		
Indeno(1,2,3-cd)pyrene	5	ng/L				
Naphthalene	5	ng/L				
Perylene	5	ng/L				
Phenanthrene	5	ng/L				
Pyrene	5	ng/L				
<b>Toxicity</b>						
Bivalve Development (1-storm event)	EPA 600/R-95/136 (Mod Bight)	36 h preferred	NA	NA	NA	4 L cubitainer





1210002-007

## Sample Receipt Summary

Client:  Date Received:  Received By:  Inspected By:

Courier:		Cooler:		Temperature:	
<input type="checkbox"/> Physis	<input type="checkbox"/> FEDEX	<input type="checkbox"/> UPS	<input checked="" type="checkbox"/> Client	<input checked="" type="checkbox"/> Cooler	<input type="checkbox"/> Box
Start <input type="text"/>	End <input type="text"/>	<input type="checkbox"/> Other: <input type="text"/>	Total #: <input type="text" value="2"/>	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> WET
			<input type="checkbox"/> Other: <input type="text"/>	<input type="checkbox"/> DRY	<input type="checkbox"/> None
				<input type="text" value="3.5"/> °C	

Sample Integrity Upon Receipt:

1. COC(s) included and completely filled out.....Yes
2. All sample containers arrived intact.....Yes
3. All samples listed on COC(s) are present.....Yes
4. Information on containers consistent with information on COC(s).....Yes
5. Correct containers and volume for all analyses indicated.....No; see notes below
6. All samples received within method holding time.....Yes
7. Correct preservation used for all analyses indicated.....Yes
8. Name of sampler included on COC(s).....Yes

Notes:

Sample ID(s) LACDPW-030616-ASBS-016-DUP POST (ASBS-016), LACDPW-030616-ASBS-FB (Field Blank) were received in the wrong container or lack of preservation. We noted the incorrect containers and we preserved the Ammonia bottle ASAP.



**APPENDIX D**  
**Toxicity Results**

---



March 31, 2016

Mr. Dan McCoy  
Weston Solutions  
5817 Dryden Place  
Carlsbad, CA 92008

Dear Mr. McCoy:

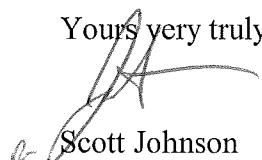
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA/R-95/136*. "The concentration-response was normal. Test was set at 38 hours holding time which is beyond the prescribed 36 hour hold but within 72 hours. Reference toxicant was within limits and all other test acceptability criteria was met. This is a valid test." Results were as follows:

CLIENT:	Weston Solutions
SAMPLE I.D.:	LACDPW-010616-ASBS-S02-POST
DATE RECEIVED:	1/8/2016
ABC LAB. NO.:	WST0116.085

#### CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC =	100.00 %
TUc =	1.00
EC25 =	>100.00 %
EC50 =	>100.00 %

Yours very truly,



Scott Johnson  
Laboratory Director



**CETIS Analytical Report**

Report Date: 31 Mar-16 10:41 (p 1 of 2)  
 Test Code: WST0116.085urcf | 08-1732-7897

<b>Purple Sea Urchin Sperm Cell Fertilization Test</b>				<b>Aquatic Bioassay &amp; Consulting Labs, Inc.</b>			
<b>Analysis ID:</b> 20-0562-4291	<b>Endpoint:</b> Fertilization Rate	<b>CETIS Version:</b> CETISv1.8.7					
<b>Analyzed:</b> 31 Mar-16 10:36	<b>Analysis:</b> Parametric-Control vs Treatments	<b>Official Results:</b> Yes					
<b>Batch ID:</b> 02-6241-7936	<b>Test Type:</b> Fertilization	<b>Analyst:</b> Joe Freas					
<b>Start Date:</b> 08 Jan-16 13:00	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Seawater					
<b>Ending Date:</b> 08 Jan-16 13:40	<b>Species:</b> Strongylocentrotus purpuratus	<b>Brine:</b> Not Applicable					
<b>Duration:</b> 40m	<b>Source:</b> David Guttoff	<b>Age:</b>					
<b>Sample ID:</b> 01-7596-9727	<b>Code:</b> WST0116.085uf	<b>Client:</b> Weston Solutions					
<b>Sample Date:</b> 06 Jan-16 16:20	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS					
<b>Receive Date:</b> 08 Jan-16 10:00	<b>Source:</b> Bioassay Report						
<b>Sample Age:</b> 45h	<b>Station:</b> LACDPW-010616-ASBS-S02-Post						

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Angular (Corrected)	NA	C > T	NA	NA	4.78%	100	>100	NA	1

**Dunnett Multiple Comparison Test**

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		25	-0.9199	2.227	0.078	8	0.9544	CDF	Non-Significant Effect
		50	-1.067	2.227	0.078	8	0.9674	CDF	Non-Significant Effect
		100	-2.498	2.227	0.078	8	0.9992	CDF	Non-Significant Effect

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.926	0.7 - NL	Yes	Passes Acceptability Criteria
PMSD	0.04779	NL - 0.25	No	Passes Acceptability Criteria

**ANOVA Table**

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.01941021	0.006470069	3	2.131	0.1364	Non-Significant Effect
Error	0.04857622	0.003036014	16			
Total	0.06798643		19			

**Distributional Tests**

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	4.447	11.34	0.2171	Equal Variances
Variances	Mod Levene Equality of Variance	2.766	5.953	0.0877	Equal Variances
Variances	Levene Equality of Variance	2.702	5.292	0.0803	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.9705	0.866	0.7662	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.109	0.2235	0.8532	Normal Distribution
Distribution	D'Agostino Skewness	0.3588	2.576	0.7197	Normal Distribution
Distribution	D'Agostino Kurtosis	0.5652	2.576	0.5719	Normal Distribution
Distribution	D'Agostino-Pearson K2 Omnibus	0.4482	9.21	0.7992	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.2394	3.878	0.8063	Normal Distribution

**Fertilization Rate Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	5	0.926	0.9003	0.9517	0.93	0.9	0.95	0.009273	2.24%	0.0%
25		5	0.942	0.9216	0.9624	0.95	0.92	0.96	0.007348	1.74%	-1.73%
50		5	0.944	0.9214	0.9666	0.94	0.92	0.97	0.008124	1.92%	-1.94%
100		5	0.96	0.9188	1	0.96	0.91	0.99	0.01483	3.46%	-3.67%

**Angular (Corrected) Transformed Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Contro	5	1.297	1.248	1.347	1.303	1.249	1.345	0.01777	3.06%	0.0%
25		5	1.329	1.286	1.373	1.345	1.284	1.369	0.01559	2.62%	-2.47%
50		5	1.335	1.283	1.386	1.323	1.284	1.397	0.01842	3.09%	-2.87%
100		5	1.384	1.276	1.493	1.369	1.266	1.471	0.03913	6.32%	-6.71%











**CETIS Measurement Report**

Report Date: 31 Mar-16 10:41 (p 2 of 2)  
Test Code: WST0116.085urcf | 08-1732-7897

**Purple Sea Urchin Sperm Cell Fertilization Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

**Dissolved Oxygen-mg/L**

C-%	Control Type	1	2
0	Negative Contr	6.6	6.8
25		6.6	6.5
50		6.2	6.1
100		6.9	6.5

**pH-Units**

C-%	Control Type	1	2
0	Negative Contr	7.9	7.9
25		7.8	7.8
50		7.7	7.8
100		7.8	7.7

**Salinity-ppt**

C-%	Control Type	1	2
0	Negative Contr	34	34
25		34	34
50		34	34
100		34	34

**Temperature-°C**

C-%	Control Type	1	2
0	Negative Contr	14.8	14.9
25		14.8	14.9
50		14.8	14.9
100		14.8	14.9



March 31, 2016

Mr. Dan McCoy  
Weston Solutions  
5817 Dryden Place  
Carlsbad, CA 92008

Dear Mr. McCoy:

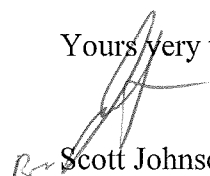
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA/R-95/136*. "The concentration-response was normal. Test was set at 38 hours holding time which is beyond the prescribed 36 hour hold but within 72 hours. Reference toxicant was within limits and all other test acceptability criteria was met. This is a valid test." Results were as follows:

CLIENT:	Weston Solutions
SAMPLE I.D.:	LACDPW-010616-ASBS-S01-POST
DATE RECEIVED:	1/8/2016
ABC LAB. NO.:	WST0116.086

#### CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC =	100.00 %
TU <sub>c</sub> =	1.00
EC25 =	>100.00 %
EC50 =	>100.00 %

Yours very truly,

  
Scott Johnson  
Laboratory Director

**CETIS Summary Report**

Report Date: 31 Mar-16 10:36 (p 1 of 1)  
 Test Code: WST0116.086urcf | 14-5529-3936

Purple Sea Urchin Sperm Cell Fertilization Test				Aquatic Bioassay & Consulting Labs, Inc.			
Batch ID:	01-2897-2531	Test Type:	Fertilization	Analyst:	Joe Freas		
Start Date:	08 Jan-16 13:01	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Seawater		
Ending Date:	08 Jan-16 13:41	Species:	Strongylocentrotus purpuratus	Brine:	Not Applicable		
Duration:	40m	Source:	David Gutoff	Age:			
Sample ID:	01-8413-7006	Code:	WST0116.086uf	Client:	Weston Solutions		
Sample Date:	06 Jan-16 17:15	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Jan-16 10:00	Source:	Bioassay Report				
Sample Age:	44h	Station:	LACDPW-010616-ASBS-S01-Post				

**Comparison Summary**

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
11-5090-3798	Fertilization Rate	100	>100	NA	4.11%	1	Dunnett Multiple Comparison Test

**Point Estimate Summary**

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
13-1584-8583	Fertilization Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	

**Test Acceptability**

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
11-5090-3798	Fertilization Rate	Control Resp	0.9225	0.7 - NL	Yes	Passes Acceptability Criteria
13-1584-8583	Fertilization Rate	Control Resp	0.9225	0.7 - NL	Yes	Passes Acceptability Criteria
11-5090-3798	Fertilization Rate	PMSD	0.04109	NL - 0.25	No	Passes Acceptability Criteria

**Fertilization Rate Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	4	0.9225	0.8872	0.9578	0.9	0.95	0.01109	0.02217	2.4%	0.0%
25		4	0.93	0.8956	0.9644	0.9	0.95	0.0108	0.0216	2.32%	-0.81%
50		4	0.9275	0.9003	0.9547	0.91	0.95	0.008539	0.01708	1.84%	-0.54%
100		4	0.9475	0.9147	0.9803	0.92	0.97	0.01031	0.02062	2.18%	-2.71%

**Fertilization Rate Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9	0.95	0.91	0.93
25		0.9	0.93	0.95	0.94
50		0.91	0.92	0.93	0.95
100		0.95	0.97	0.95	0.92

**Fertilization Rate Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	90/100	95/100	91/100	93/100
25		90/100	93/100	95/100	94/100
50		91/100	92/100	93/100	95/100
100		95/100	97/100	95/100	92/100

**CETIS Analytical Report**

Report Date: 31 Mar-16 10:36 (p 1 of 2)  
 Test Code: WST0116.086urcf | 14-5529-3936

**Purple Sea Urchin Sperm Cell Fertilization Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

<b>Analysis ID:</b> 11-5090-3798	<b>Endpoint:</b> Fertilization Rate	<b>CETIS Version:</b> CETISv1.8.7
<b>Analyzed:</b> 31 Mar-16 10:35	<b>Analysis:</b> Parametric-Control vs Treatments	<b>Official Results:</b> Yes
<b>Batch ID:</b> 01-2897-2531	<b>Test Type:</b> Fertilization	<b>Analyst:</b> Joe Freas
<b>Start Date:</b> 08 Jan-16 13:01	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Seawater
<b>Ending Date:</b> 08 Jan-16 13:41	<b>Species:</b> Strongylocentrotus purpuratus	<b>Brine:</b> Not Applicable
<b>Duration:</b> 40m	<b>Source:</b> David Gutoff	<b>Age:</b>
<b>Sample ID:</b> 01-8413-7006	<b>Code:</b> WST0116.086uf	<b>Client:</b> Weston Solutions
<b>Sample Date:</b> 06 Jan-16 17:15	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS
<b>Receive Date:</b> 08 Jan-16 10:00	<b>Source:</b> Bioassay Report	
<b>Sample Age:</b> 44h	<b>Station:</b> LACDPW-010616-ASBS-S01-Post	

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Angular (Corrected)	NA	C > T	NA	NA	4.11%	100	>100	NA	1

**Dunnnett Multiple Comparison Test**

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		25	-0.4907	2.287	0.067	6	0.8886	CDF	Non-Significant Effect
		50	-0.3001	2.287	0.067	6	0.8436	CDF	Non-Significant Effect
		100	-1.782	2.287	0.067	6	0.9937	CDF	Non-Significant Effect

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9225	0.7 - NL	Yes	Passes Acceptability Criteria
PMSD	0.04109	NL - 0.25	No	Passes Acceptability Criteria

**ANOVA Table**

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.006297873	0.002099291	3	1.235	0.3400	Non-Significant Effect
Error	0.02039922	0.001699935	12			
Total	0.02669709		15			

**Distributional Tests**

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	0.2513	11.34	0.9689	Equal Variances
Variances	Mod Levene Equality of Variance	0.08197	5.953	0.9686	Equal Variances
Variances	Levene Equality of Variance	0.09169	5.953	0.9632	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.9484	0.8408	0.4645	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.1116	0.2471	1.0000	Normal Distribution
Distribution	D'Agostino Skewness	0.06999	2.576	0.9442	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.297	3.878	0.6209	Normal Distribution

**Fertilization Rate Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	4	0.9225	0.8872	0.9578	0.92	0.9	0.95	0.01109	2.4%	0.0%
25		4	0.93	0.8956	0.9644	0.935	0.9	0.95	0.0108	2.32%	-0.81%
50		4	0.9275	0.9003	0.9547	0.925	0.91	0.95	0.008539	1.84%	-0.54%
100		4	0.9475	0.9147	0.9803	0.95	0.92	0.97	0.01031	2.18%	-2.71%

**Angular (Corrected) Transformed Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Contro	4	1.291	1.223	1.359	1.285	1.249	1.345	0.02135	3.31%	0.0%
25		4	1.305	1.24	1.371	1.313	1.249	1.345	0.0206	3.16%	-1.11%
50		4	1.3	1.246	1.354	1.294	1.266	1.345	0.01699	2.61%	-0.68%
100		4	1.343	1.269	1.416	1.345	1.284	1.397	0.02304	3.43%	-4.03%



**CETIS Analytical Report**

Report Date: 31 Mar-16 10:36 (p 1 of 2)  
 Test Code: WST0116.086urcf | 14-5529-3936

Purple Sea Urchin Sperm Cell Fertilization Test				Aquatic Bioassay & Consulting Labs, Inc.			
Analysis ID:	13-1584-8583	Endpoint:	Fertilization Rate	CETIS Version:	CETISv1.8.7		
Analyzed:	31 Mar-16 10:35	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes		
Batch ID:	01-2897-2531	Test Type:	Fertilization	Analyst:	Joe Freas		
Start Date:	08 Jan-16 13:01	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Seawater		
Ending Date:	08 Jan-16 13:41	Species:	Strongylocentrotus purpuratus	Brine:	Not Applicable		
Duration:	40m	Source:	David Gutoff	Age:			
Sample ID:	01-8413-7006	Code:	WST0116.086uf	Client:	Weston Solutions		
Sample Date:	06 Jan-16 17:15	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Jan-16 10:00	Source:	Bioassay Report				
Sample Age:	44h	Station:	LACDPW-010616-ASBS-S01-Post				

**Linear Interpolation Options**

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	0	280	Yes	Two-Point Interpolation

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9225	0.7 - NL	Yes	Passes Acceptability Criteria

**Point Estimates**

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	NA	NA
EC10	>100	N/A	N/A	<1	NA	NA
EC15	>100	N/A	N/A	<1	NA	NA
EC20	>100	N/A	N/A	<1	NA	NA
EC25	>100	N/A	N/A	<1	NA	NA
EC40	>100	N/A	N/A	<1	NA	NA
EC50	>100	N/A	N/A	<1	NA	NA

**Fertilization Rate Summary**

C-%	Control Type	Count	Calculated Variate(A/B)								
			Mean	Min	Max	Std Err	Std Dev	CV%	%Effect	A	B
0	Negative Control	4	0.9225	0.9	0.95	0.01109	0.02217	2.4%	0.0%	369	400
25		4	0.93	0.9	0.95	0.0108	0.0216	2.32%	-0.81%	372	400
50		4	0.9275	0.91	0.95	0.008539	0.01708	1.84%	-0.54%	371	400
100		4	0.9475	0.92	0.97	0.01031	0.02062	2.18%	-2.71%	379	400

**Fertilization Rate Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9	0.95	0.91	0.93
25		0.9	0.93	0.95	0.94
50		0.91	0.92	0.93	0.95
100		0.95	0.97	0.95	0.92

**Fertilization Rate Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	90/100	95/100	91/100	93/100
25		90/100	93/100	95/100	94/100
50		91/100	92/100	93/100	95/100
100		95/100	97/100	95/100	92/100

# CETIS Analytical Report

Report Date: 31 Mar-16 10:36 (p 2 of 2)

Test Code: WST0116.086urcf | 14-5529-3936

## Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 13-1584-8583

Endpoint: Fertilization Rate

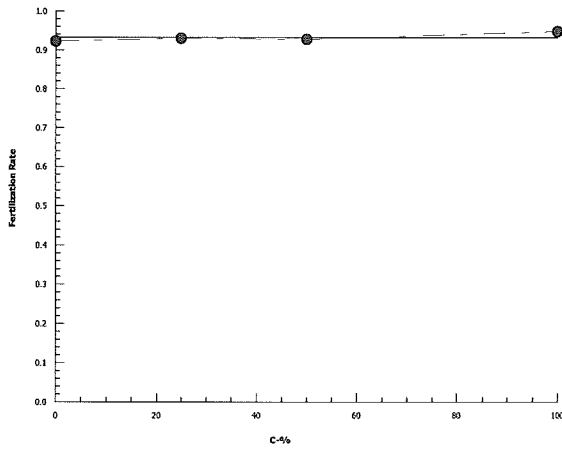
CETIS Version: CETISv1.8.7

Analyzed: 31 Mar-16 10:35

Analysis: Linear Interpolation (ICPIN)

Official Results: Yes

### Graphics



**CETIS Measurement Report**

Report Date: 31 Mar-16 10:36 (p 1 of 2)

Test Code: WST0116.086urcf | 14-5529-3936

**Purple Sea Urchin Sperm Cell Fertilization Test**

Aquatic Bioassay & Consulting Labs, Inc.

<b>Batch ID:</b> 01-2897-2531	<b>Test Type:</b> Fertilization	<b>Analyst:</b> Joe Freas
<b>Start Date:</b> 08 Jan-16 13:01	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Seawater
<b>Ending Date:</b> 08 Jan-16 13:41	<b>Species:</b> Strongylocentrotus purpuratus	<b>Brine:</b> Not Applicable
<b>Duration:</b> 40m	<b>Source:</b> David Gutoff	<b>Age:</b>

<b>Sample ID:</b> 01-8413-7006	<b>Code:</b> WST0116.086uf	<b>Client:</b> Weston Solutions
<b>Sample Date:</b> 06 Jan-16 17:15	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS
<b>Receive Date:</b> 08 Jan-16 10:00	<b>Source:</b> Bioassay Report	
<b>Sample Age:</b> 44h	<b>Station:</b> LACDPW-010616-ASBS-S01-Post	

**Parameter Acceptability Criteria**

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	14.7	14.9	11 - 13	Yes	Results Above Limit

**Dissolved Oxygen-mg/L**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	6.55	5.915	7.185	6.5	6.6	0.04999	0.0707	1.08%	0
25		2	6.55	5.915	7.185	6.5	6.6	0.04999	0.0707	1.08%	0
50		2	6.15	5.515	6.785	6.1	6.2	0.05001	0.07072	1.15%	0
100		2	6.6	6.586	6.614	6.6	6.6	0	0	0.0%	0
Overall		8	6.463			6.1	6.6				0 (0%)

**pH-Units**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
25		2	7.8	7.787	7.813	7.8	7.8	0	0	0.0%	0
50		2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
100		2	7.7	7.698	7.702	7.7	7.7	0	0	0.0%	0
Overall		8	7.775			7.7	7.9				0 (0%)

**Salinity-ppt**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		8	34			34	34				0 (0%)

**Temperature-°C**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
25		2	14.75	14.11	15.39	14.7	14.8	0.05002	0.07075	0.48%	0
50		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
100		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
Overall		8	14.83			14.7	14.9				0 (0%)







March 31, 2016

Mr Dan McCoy  
Weston Solutions  
5817 Dryden Place, Suite 101  
Carlsbad, CA 92008

Dear Mr. McCoy:

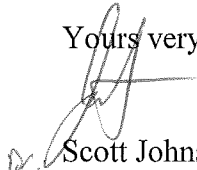
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA/R-95/136*. "All acceptability criteria were met and the concentration-response was normal. Test was set within holding time, reference toxicant was within limits, and all other TAC was met. This is a valid test." Results were as follows:

CLIENT:	Weston Solutions
SAMPLE I.D.:	LACDPW-010616-ASBS-S02-POST
DATE RECEIVED:	1/8/2016
ABC LAB. NO.:	WST0116.085

#### MYTILUS SHELL DEVELOPMENT BIOASSAY

NOEC =	100.00 %
TUc =	1.00
EC25 =	>100.00 %
EC50 =	>100.00 %

Yours very truly,



Scott Johnson  
Laboratory Director



**CETIS Analytical Report**

Report Date: 31 Mar-16 10:40 (p 1 of 2)  
 Test Code: WST0116.085myt | 02-6240-6477

<b>Mussel Shell Development Test</b>			<b>Aquatic Bioassay &amp; Consulting Labs, Inc.</b>		
<b>Analysis ID:</b> 20-6506-1092	<b>Endpoint:</b> Combined Proportion Normal	<b>CETIS Version:</b> CETISv1.8.7			
<b>Analyzed:</b> 31 Mar-16 10:36	<b>Analysis:</b> Parametric-Control vs Treatments	<b>Official Results:</b> Yes			
<b>Batch ID:</b> 13-6852-8059	<b>Test Type:</b> Development-Survival	<b>Analyst:</b> Joe Freas			
<b>Start Date:</b> 08 Jan-16 13:00	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Water			
<b>Ending Date:</b> 10 Jan-16 13:00	<b>Species:</b> Mytilus galloprovincialis	<b>Brine:</b> Not Applicable			
<b>Duration:</b> 48h	<b>Source:</b> Carlsbad Aquafarms CA	<b>Age:</b>			
<b>Sample ID:</b> 14-1753-1095	<b>Code:</b> WST0116.085m	<b>Client:</b> Weston Solutions			
<b>Sample Date:</b> 06 Jan-16 16:20	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS			
<b>Receive Date:</b> 08 Jan-16 10:00	<b>Source:</b> Bioassay Report				
<b>Sample Age:</b> 45h	<b>Station:</b> LACDPW-010616-ASBS-S02-Post				

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Angular (Corrected)	NA	C > T	NA	NA	2.83%	100	>100	NA	1

**Dunnett Multiple Comparison Test**

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		25	0.9085	2.227	0.063	8	0.3682	CDF	Non-Significant Effect
		50	-0.1923	2.227	0.063	8	0.8135	CDF	Non-Significant Effect
		100	-0.9056	2.227	0.063	8	0.9530	CDF	Non-Significant Effect

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
PMSD	0.02835	NL - 0.25	No	Passes Acceptability Criteria

**ANOVA Table**

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.006645774	0.002215258	3	1.116	0.3720	Non-Significant Effect
Error	0.03176935	0.001985584	16			
Total	0.03841512		19			

**Distributional Tests**

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	3.018	11.34	0.3888	Equal Variances
Variances	Mod Levene Equality of Variance	1.679	5.953	0.2241	Equal Variances
Variances	Levene Equality of Variance	2.351	5.292	0.1109	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.9636	0.866	0.6182	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.1282	0.2235	0.5417	Normal Distribution
Distribution	D'Agostino Skewness	0.6624	2.576	0.5077	Normal Distribution
Distribution	D'Agostino Kurtosis	0.8484	2.576	0.3962	Normal Distribution
Distribution	D'Agostino-Pearson K2 Omnibus	1.159	9.21	0.5603	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.3367	3.878	0.5101	Normal Distribution

**Combined Proportion Normal Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	5	0.9552	0.9312	0.9791	0.9462	0.9372	0.9821	0.008626	2.02%	0.0%
25		5	0.9453	0.928	0.9626	0.9417	0.9327	0.9686	0.006246	1.48%	1.03%
50		5	0.9587	0.946	0.9714	0.9596	0.9462	0.9686	0.004573	1.07%	-0.38%
100		5	0.9641	0.9371	0.9911	0.9686	0.9372	0.9865	0.009722	2.26%	-0.94%

**Angular (Corrected) Transformed Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Contro	5	1.362	1.299	1.425	1.337	1.318	1.436	0.02273	3.73%	0.0%
25		5	1.336	1.295	1.378	1.327	1.308	1.393	0.01482	2.48%	1.88%
50		5	1.367	1.336	1.399	1.369	1.337	1.393	0.0115	1.88%	-0.4%
100		5	1.388	1.313	1.462	1.393	1.318	1.455	0.02683	4.32%	-1.87%





### CETIS Analytical Report

Report Date: 31 Mar-16 10:40 (p 2 of 2)  
Test Code: WST0116.085myt | 02-6240-6477

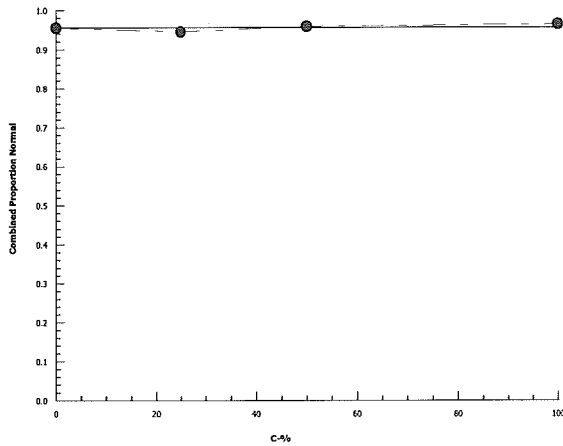
#### Mussel Shell Development Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 08-6621-3906      Endpoint: Combined Proportion Normal  
Analyzed: 31 Mar-16 10:36      Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.8.7  
Official Results: Yes

#### Graphics







**CETIS Measurement Report**

Report Date: 31 Mar-16 10:40 (p 2 of 2)  
Test Code: WST0116.085myt | 02-6240-6477

**Mussel Shell Development Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

**Dissolved Oxygen-mg/L**

C-%	Control Type	1	2
0	Negative Contr	6.6	6.5
25		6.6	6.2
50		6.5	6.4
100		6.9	6.2

**pH-Units**

C-%	Control Type	1	2
0	Negative Contr	7.9	7.9
25		7.8	7.8
50		7.8	7.8
100		7.8	7.7

**Salinity-ppt**

C-%	Control Type	1	2
0	Negative Contr	34	34
25		34	34
50		34	34
100		34	34

**Temperature-°C**

C-%	Control Type	1	2
0	Negative Contr	14.8	14.9
25		14.8	14.9
50		14.8	14.9
100		14.8	14.9



March 31, 2016

Mr Dan McCoy  
Weston Solutions  
5817 Dryden Place, Suite 101  
Carlsbad, CA 92008

Dear Mr. McCoy:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA/R-95/136*. "All acceptability criteria were met and the concentration-response was normal. Test was set within holding time, reference toxicant was within limits, and all other TAC was met. This is a valid test." Results were as follows:

CLIENT:	Weston Solutions
SAMPLE I.D.:	LACDPW-010616-ASBS-S01-POST
DATE RECEIVED:	1/8/2016
ABC LAB. NO.:	WST0116.086

#### MYTILUS SHELL DEVELOPMENT BIOASSAY

NOEC =	100.00 %
TUc =	1.00
EC25 =	>100.00 %
EC50 =	>100.00 %

Yours very truly,

Scott Johnson  
Laboratory Director

**CETIS Summary Report**

Report Date: 31 Mar-16 10:38 (p 1 of 1)  
 Test Code: WST0116.086myt | 00-3807-4967

Mussel Shell Development Test				Aquatic Bioassay & Consulting Labs, Inc.			
Batch ID:	20-0005-8041	Test Type:	Development-Survival	Analyst:	Joe Freas		
Start Date:	08 Jan-16 13:01	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Water		
Ending Date:	10 Jan-16 13:01	Species:	Mytilis galloprovincialis	Brine:	Not Applicable		
Duration:	48h	Source:	Carlsbad Aquafarms CA	Age:			
Sample ID:	04-5722-4904	Code:	WST0116.086m	Client:	Weston Solutions		
Sample Date:	06 Jan-16 17:15	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Jan-16 10:00	Source:	Bioassay Report				
Sample Age:	44h	Station:	LACDPW-010616-ASBS-S01-Post				

**Comparison Summary**

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
12-3606-7304	Combined Proportion Norm	100	>100	NA	2.57%	1	Dunnett Multiple Comparison Test

**Point Estimate Summary**

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
02-4549-6946	Combined Proportion Norm	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	

**Test Acceptability**

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
12-3606-7304	Combined Proportion Norm	PMSD	0.02572	NL - 0.25	No	Passes Acceptability Criteria

**Combined Proportion Normal Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	5	0.9552	0.934	0.9764	0.9372	0.9776	0.007636	0.01708	1.79%	0.0%
25		5	0.9632	0.9488	0.9776	0.9462	0.9776	0.005191	0.01161	1.21%	-0.85%
50		5	0.9596	0.9351	0.9842	0.9327	0.9821	0.008856	0.0198	2.06%	-0.47%
100		5	0.9848	0.9763	0.9932	0.9776	0.9955	0.003041	0.006801	0.69%	-3.1%

**Combined Proportion Normal Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.9462	0.9686	0.9372	0.9776	0.9462
25		0.9776	0.9462	0.9686	0.9596	0.9641
50		0.9821	0.9327	0.9686	0.9462	0.9686
100		0.9821	0.9955	0.9821	0.9865	0.9776

**Combined Proportion Normal Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	211/223	216/223	209/223	218/223	211/223
25		218/223	211/223	216/223	214/223	215/223
50		219/223	208/223	216/223	211/223	216/223
100		219/223	222/223	219/223	220/223	218/223



**CETIS Analytical Report**

Report Date: 31 Mar-16 10:38 (p 2 of 2)  
 Test Code: WST0116.086myt | 00-3807-4967

**Mussel Shell Development Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID: 12-3606-7304      Endpoint: Combined Proportion Normal  
 Analyzed: 31 Mar-16 10:35      Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.8.7  
 Official Results: Yes

**Combined Proportion Normal Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.9462	0.9686	0.9372	0.9776	0.9462
25		0.9776	0.9462	0.9686	0.9596	0.9641
50		0.9821	0.9327	0.9686	0.9462	0.9686
100		0.9821	0.9955	0.9821	0.9865	0.9776

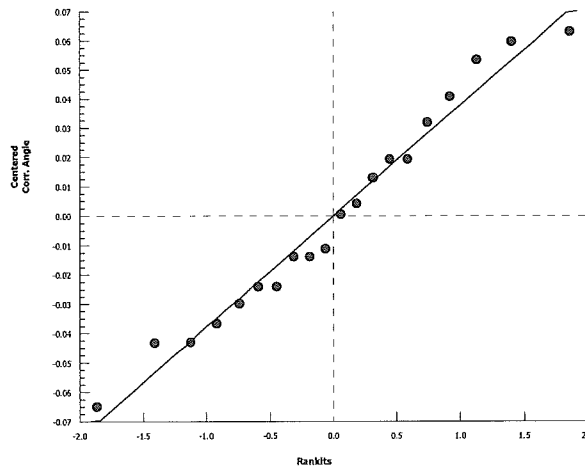
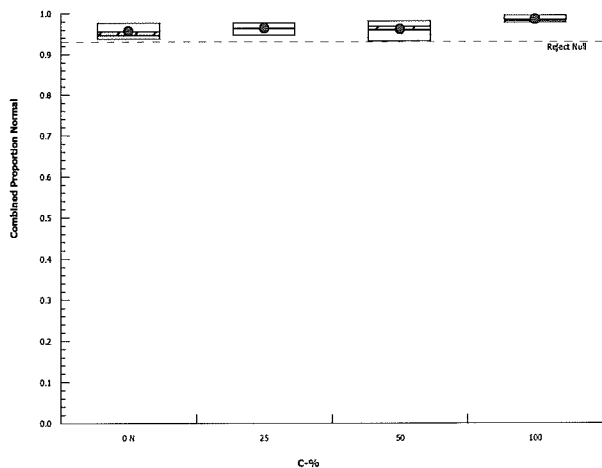
**Angular (Corrected) Transformed Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.337	1.393	1.318	1.42	1.337
25		1.42	1.337	1.393	1.369	1.38
50		1.436	1.308	1.393	1.337	1.393
100		1.436	1.504	1.436	1.455	1.42

**Combined Proportion Normal Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	211/223	216/223	209/223	218/223	211/223
25		218/223	211/223	216/223	214/223	215/223
50		219/223	208/223	216/223	211/223	216/223
100		219/223	222/223	219/223	220/223	218/223

**Graphics**



**CETIS Analytical Report**

Report Date: 31 Mar-16 10:38 (p 1 of 2)  
 Test Code: WST0116.086myt | 00-3807-4967

Mussel Shell Development Test			Aquatic Bioassay & Consulting Labs, Inc.		
Analysis ID:	02-4549-6946	Endpoint:	Combined Proportion Normal	CETIS Version:	CETISv1.8.7
Analyzed:	31 Mar-16 10:35	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes
Batch ID:	20-0005-8041	Test Type:	Development-Survival	Analyst:	Joe Freas
Start Date:	08 Jan-16 13:01	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Water
Ending Date:	10 Jan-16 13:01	Species:	Mytilis galloprovincialis	Brine:	Not Applicable
Duration:	48h	Source:	Carlsbad Aquafarms CA	Age:	
Sample ID:	04-5722-4904	Code:	WST0116.086m	Client:	Weston Solutions
Sample Date:	06 Jan-16 17:15	Material:	Sample Water	Project:	LACDPW MALIBU ASBS
Receive Date:	08 Jan-16 10:00	Source:	Bioassay Report		
Sample Age:	44h	Station:	LACDPW-010616-ASBS-S01-Post		

**Linear Interpolation Options**

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	8203	280	Yes	Two-Point Interpolation

**Point Estimates**

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	NA	NA
EC10	>100	N/A	N/A	<1	NA	NA
EC15	>100	N/A	N/A	<1	NA	NA
EC20	>100	N/A	N/A	<1	NA	NA
EC25	>100	N/A	N/A	<1	NA	NA
EC40	>100	N/A	N/A	<1	NA	NA
EC50	>100	N/A	N/A	<1	NA	NA

**Combined Proportion Normal Summary**

**Calculated Variate(A/B)**

C-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	%Effect	A	B
0	Negative Control	5	0.9552	0.9372	0.9776	0.007636	0.01708	1.79%	0.0%	1065	1115
25		5	0.9632	0.9462	0.9776	0.005191	0.01161	1.21%	-0.85%	1074	1115
50		5	0.9596	0.9327	0.9821	0.008856	0.0198	2.06%	-0.47%	1070	1115
100		5	0.9848	0.9776	0.9955	0.003041	0.0068	0.69%	-3.1%	1098	1115

**Combined Proportion Normal Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.9462	0.9686	0.9372	0.9776	0.9462
25		0.9776	0.9462	0.9686	0.9596	0.9641
50		0.9821	0.9327	0.9686	0.9462	0.9686
100		0.9821	0.9955	0.9821	0.9865	0.9776

**Combined Proportion Normal Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	211/223	216/223	209/223	218/223	211/223
25		218/223	211/223	216/223	214/223	215/223
50		219/223	208/223	216/223	211/223	216/223
100		219/223	222/223	219/223	220/223	218/223

### CETIS Analytical Report

Report Date: 31 Mar-16 10:38 (p 2 of 2)  
Test Code: WST0116.086myt | 00-3807-4967

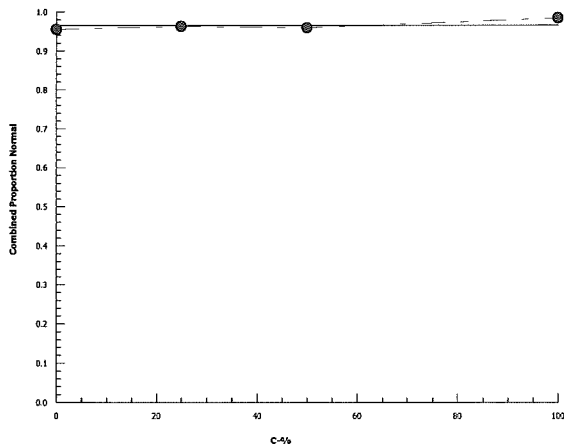
#### Mussel Shell Development Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 02-4549-6946      Endpoint: Combined Proportion Normal  
Analyzed: 31 Mar-16 10:35      Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.8.7  
Official Results: Yes

#### Graphics











March 31, 2016

Mr. Dan McCoy  
Weston Solutions  
5817 Dryden Place, Suite 101  
Carlsbad, CA 92008

Dear Mr. McCoy:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA/R-95/136*. "All acceptability criteria were met and the concentration-response was normal. Test was set within holding time, reference toxicant was within limits, and all other TAC was met. This is a valid test." Results were as follows:

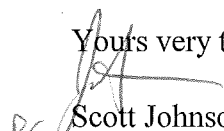
CLIENT: Weston Solutions  
SAMPLE I.D.: LACDPW-010616-ASBS-S02-POST  
DATE RECEIVED: 1/8/2016  
ABC LAB. NO.: WST0116.085

**CHRONIC KELP GERMINATION AND GROWTH BIOASSAY**

GERMINATION	NOEC =	100.00 %
	TUc =	1.00
	EC25 =	>100.00 %
	EC50 =	>100.00 %

TUBE LENGTH	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

  
Scott Johnson  
Laboratory Director



## CETIS Summary Report

Report Date: 31 Mar-16 10:39 (p 2 of 2)

Test Code: WST0116.085klp | 00-7816-5752

## Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay &amp; Consulting Labs, Inc.

## Germination Rate Detail

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.91	0.9	0.88	0.92	0.96
25		0.91	0.93	0.9	0.91	0.95
50		0.92	0.96	0.91	0.95	0.92
100		0.91	0.93	0.95	0.94	0.9

## Mean Length Detail

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	14.6	14.5	14	14.2	14.5
25		14.6	14	14.3	14.5	14.5
50		14.2	14.1	14.6	14.5	14.2
100		14.2	14	14.6	14.8	14.5

## Germination Rate Binomials

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	91/100	90/100	88/100	92/100	96/100
25		91/100	93/100	90/100	91/100	95/100
50		92/100	96/100	91/100	95/100	92/100
100		91/100	93/100	95/100	94/100	90/100

**CETIS Analytical Report**

Report Date: 31 Mar-16 10:39 (p 1 of 4)  
 Test Code: WST0116.085klp | 00-7816-5752

Macrocystis Germination and Germ Tube Growth Test				Aquatic Bioassay & Consulting Labs, Inc.			
Analysis ID:	10-1458-9156	Endpoint:	Germination Rate	CETIS Version:	CETISv1.8.7		
Analyzed:	31 Mar-16 10:36	Analysis:	Parametric-Control vs Treatments	Official Results:	Yes		
Batch ID:	10-1325-6290	Test Type:	Growth-Germination	Analyst:	Joe Freas		
Start Date:	08 Jan-16 13:00	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Seawater		
Ending Date:	10 Jan-16 13:00	Species:	Macrocystis pyrifera	Brine:	Not Applicable		
Duration:	48h	Source:	Aquatic Bioassay Labs Collection	Age:			
Sample ID:	14-1670-0134	Code:	WST0116.085k	Client:	Weston Solutions		
Sample Date:	06 Jan-16 16:20	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Jan-16 10:00	Source:	Bioassay Report				
Sample Age:	45h	Station:	LACDPW-010616-ASBS-S02-Post				

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Angular (Corrected)	NA	C > T	NA	NA	4.03%	100	>100	NA	1

**Dunnett Multiple Comparison Test**

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		25	-0.3037	2.227	0.064	8	0.8451	CDF	Non-Significant Effect
		50	-1.129	2.227	0.064	8	0.9719	CDF	Non-Significant Effect
		100	-0.6997	2.227	0.064	8	0.9269	CDF	Non-Significant Effect

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.914	0.7 - NL	Yes	Passes Acceptability Criteria
PMSD	0.04027	NL - 0.2	No	Passes Acceptability Criteria

**ANOVA Table**

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.00300823	0.001002743	3	0.4801	0.7007	Non-Significant Effect
Error	0.03341656	0.002088535	16			
Total	0.03642479		19			

**Distributional Tests**

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	0.7432	11.34	0.8630	Equal Variances
Variances	Mod Levene Equality of Variance	0.1128	5.953	0.9509	Equal Variances
Variances	Levene Equality of Variance	0.1895	5.292	0.9020	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.94	0.866	0.2403	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.1817	0.2235	0.0825	Normal Distribution
Distribution	D'Agostino Skewness	1.303	2.576	0.1925	Normal Distribution
Distribution	D'Agostino Kurtosis	0.3396	2.576	0.7341	Normal Distribution
Distribution	D'Agostino-Pearson K2 Omnibus	1.814	9.21	0.4038	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.5618	3.878	0.1499	Normal Distribution

**Germination Rate Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	5	0.914	0.8772	0.9508	0.91	0.88	0.96	0.01327	3.25%	0.0%
25		5	0.92	0.8952	0.9448	0.91	0.9	0.95	0.008944	2.17%	-0.66%
50		5	0.932	0.9051	0.9589	0.92	0.91	0.96	0.009695	2.33%	-1.97%
100		5	0.926	0.9003	0.9517	0.93	0.9	0.95	0.009273	2.24%	-1.31%

**Angular (Corrected) Transformed Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Contro	5	1.277	1.206	1.348	1.266	1.217	1.369	0.02558	4.48%	0.0%
25		5	1.286	1.238	1.334	1.266	1.249	1.345	0.01727	3.0%	-0.69%
50		5	1.31	1.254	1.365	1.284	1.266	1.369	0.02007	3.43%	-2.56%
100		5	1.297	1.248	1.347	1.303	1.249	1.345	0.01777	3.06%	-1.58%

**CETIS Analytical Report**

Report Date: 31 Mar-16 10:39 (p 2 of 4)  
 Test Code: WST0116.085klp | 00-7816-5752

**Macrocystis Germination and Germ Tube Growth Test**

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 10-1458-9156      Endpoint: Germination Rate      CETIS Version: CETISv1.8.7  
 Analyzed: 31 Mar-16 10:36      Analysis: Parametric-Control vs Treatments      Official Results: Yes

**Germination Rate Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.91	0.9	0.88	0.92	0.96
25		0.91	0.93	0.9	0.91	0.95
50		0.92	0.96	0.91	0.95	0.92
100		0.91	0.93	0.95	0.94	0.9

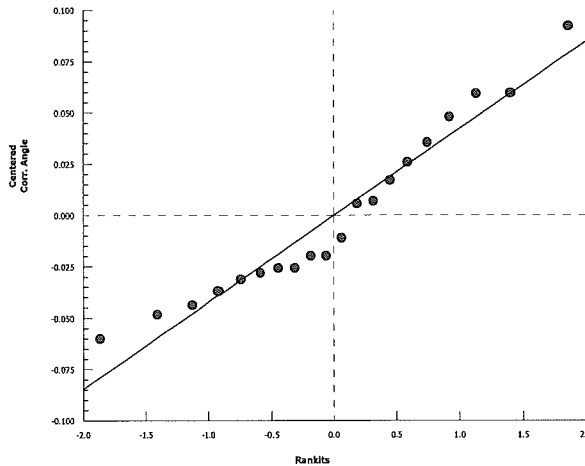
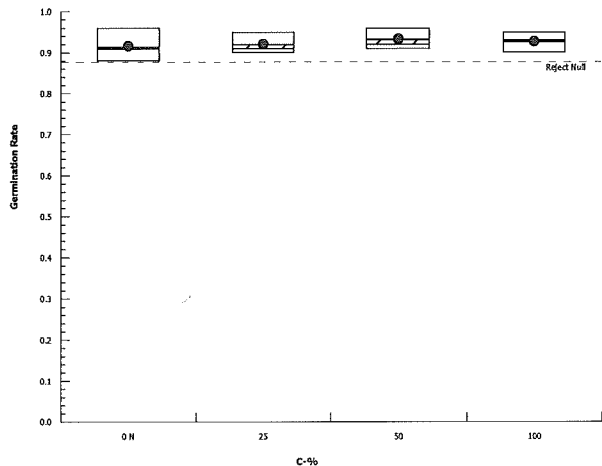
**Angular (Corrected) Transformed Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.266	1.249	1.217	1.284	1.369
25		1.266	1.303	1.249	1.266	1.345
50		1.284	1.369	1.266	1.345	1.284
100		1.266	1.303	1.345	1.323	1.249

**Germination Rate Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	91/100	90/100	88/100	92/100	96/100
25		91/100	93/100	90/100	91/100	95/100
50		92/100	96/100	91/100	95/100	92/100
100		91/100	93/100	95/100	94/100	90/100

**Graphics**



**CETIS Analytical Report**

Report Date: 31 Mar-16 10:39 (p 3 of 4)  
 Test Code: WST0116.085klp | 00-7816-5752

Macrocystis Germination and Germ Tube Growth Test				Aquatic Bioassay & Consulting Labs, Inc.			
Analysis ID:	17-2798-1695	Endpoint:	Mean Length	CETIS Version:	CETISv1.8.7		
Analyzed:	31 Mar-16 10:36	Analysis:	Parametric-Control vs Treatments	Official Results:	Yes		
Batch ID:	10-1325-6290	Test Type:	Growth-Germination	Analyst:	Joe Freas		
Start Date:	08 Jan-16 13:00	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Seawater		
Ending Date:	10 Jan-16 13:00	Species:	Macrocystis pyrifera	Brine:	Not Applicable		
Duration:	48h	Source:	Aquatic Bioassay Labs Collection	Age:			
Sample ID:	14-1670-0134	Code:	WST0116.085k	Client:	Weston Solutions		
Sample Date:	06 Jan-16 16:20	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Jan-16 10:00	Source:	Bioassay Report				
Sample Age:	45h	Station:	LACDPW-010616-ASBS-S02-Post				

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Untransformed	NA	C > T	NA	NA	2.54%	100	>100	NA	1

**Dunnnett Multiple Comparison Test**

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		25	-0.1219	2.227	0.365	8	0.7916	CDF	Non-Significant Effect
		50	0.2439	2.227	0.365	8	0.6553	CDF	Non-Significant Effect
		100	-0.3658	2.227	0.365	8	0.8611	CDF	Non-Significant Effect

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	14.36	10 - NL	Yes	Passes Acceptability Criteria
PMSD	0.02544	NL - 0.2	No	Passes Acceptability Criteria

**ANOVA Table**

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.02600001	0.008666669	3	0.1289	0.9416	Non-Significant Effect
Error	1.076001	0.06725006	16			
Total	1.102001		19			

**Distributional Tests**

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	0.6244	11.34	0.8908	Equal Variances
Variances	Mod Levene Equality of Variance	0.2299	5.953	0.8738	Equal Variances
Variances	Levene Equality of Variance	0.4764	5.292	0.7031	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.9348	0.866	0.1908	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.193	0.2235	0.0493	Normal Distribution
Distribution	D'Agostino Skewness	0.7356	2.576	0.4619	Normal Distribution
Distribution	D'Agostino Kurtosis	1.361	2.576	0.1735	Normal Distribution
Distribution	D'Agostino-Pearson K2 Omnibus	2.393	9.21	0.3022	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.6405	3.878	0.0953	Normal Distribution

**Mean Length Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	5	14.36	14.05	14.67	14.5	14	14.6	0.1122	1.75%	0.0%
25		5	14.38	14.08	14.68	14.5	14	14.6	0.1068	1.66%	-0.14%
50		5	14.32	14.05	14.59	14.2	14.1	14.6	0.09695	1.51%	0.28%
100		5	14.42	14.02	14.82	14.5	14	14.8	0.1428	2.22%	-0.42%

**Mean Length Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	14.6	14.5	14	14.2	14.5
25		14.6	14	14.3	14.5	14.5
50		14.2	14.1	14.6	14.5	14.2
100		14.2	14	14.6	14.8	14.5

### CETIS Analytical Report

Report Date: 31 Mar-16 10:39 (p 4 of 4)  
Test Code: WST0116.085klp | 00-7816-5752

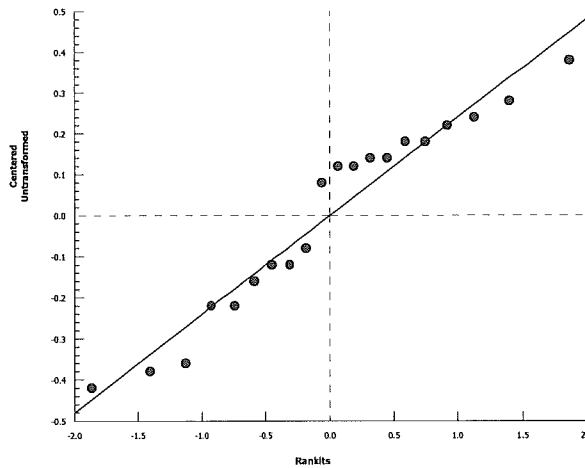
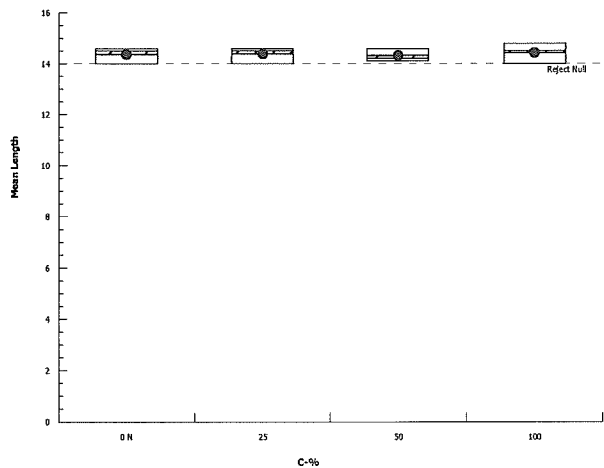
#### Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 17-2798-1695      Endpoint: Mean Length  
Analyzed: 31 Mar-16 10:36      Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.8.7  
Official Results: Yes

#### Graphics







### CETIS Analytical Report

Report Date: 31 Mar-16 10:39 (p 2 of 4)  
Test Code: WST0116.085klp | 00-7816-5752

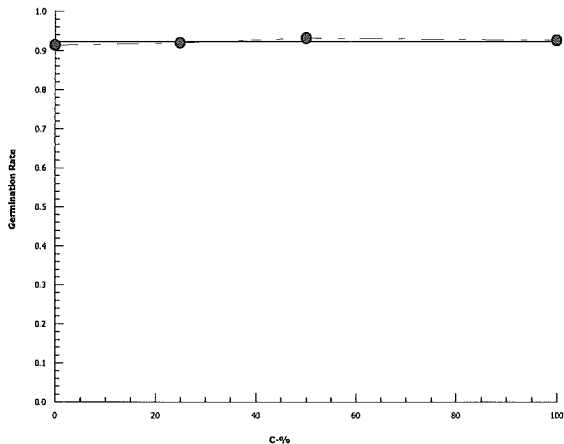
**Macrocyctis Germination and Germ Tube Growth Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID: 17-2437-7481      Endpoint: Germination Rate  
Analyzed: 31 Mar-16 10:36      Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.8.7  
Official Results: Yes

#### Graphics





### CETIS Analytical Report

Report Date: 31 Mar-16 10:39 (p 4 of 4)  
Test Code: WST0116.085klp | 00-7816-5752

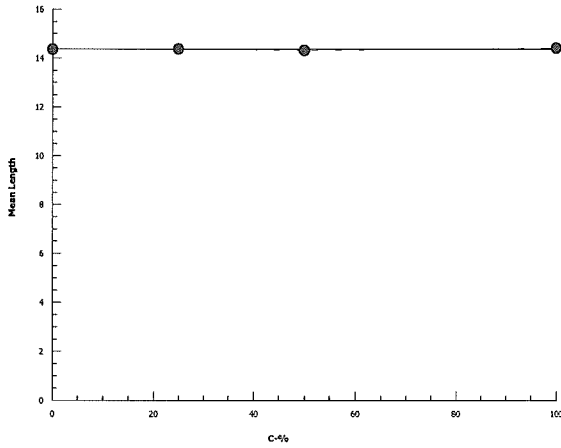
**Macrocystis Germination and Germ Tube Growth Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID: 03-7855-4270      Endpoint: Mean Length  
Analyzed: 31 Mar-16 10:36      Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.8.7  
Official Results: Yes

#### Graphics



**CETIS Measurement Report**

Report Date: 31 Mar-16 10:39 (p 1 of 2)  
 Test Code: WST0116.085klp | 00-7816-5752

**Macrocystis Germination and Germ Tube Growth Test** **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID: 10-1325-6290	Test Type: Growth-Germination	Analyst: Joe Freas
Start Date: 08 Jan-16 13:00	Protocol: EPA/600/R-95/136 (1995)	Diluent: Laboratory Seawater
Ending Date: 10 Jan-16 13:00	Species: Macrocystis pyrifera	Brine: Not Applicable
Duration: 48h	Source: Aquatic Bioassay Labs Collection	Age:

Sample ID: 14-1670-0134	Code: WST0116.085k	Client: Weston Solutions
Sample Date: 06 Jan-16 16:20	Material: Sample Water	Project: LACDPW MALIBU ASBS
Receive Date: 08 Jan-16 10:00	Source: Bioassay Report	
Sample Age: 45h	Station: LACDPW-010616-ASBS-S02-Post	

**Dissolved Oxygen-mg/L**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	6.7	5.429	7.971	6.6	6.8	0.09999	0.1414	2.11%	0
25		2	6.55	5.915	7.185	6.5	6.6	0.04999	0.0707	1.08%	0
50		2	6.4	3.859	8.941	6.2	6.6	0.2	0.2828	4.42%	0
100		2	6.7	4.159	9.241	6.5	6.9	0.2	0.2828	4.22%	0
Overall		8	6.587			6.2	6.9				0 (0%)

**pH-Units**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	7.9	7.884	7.916	7.9	7.9	0	0	0.0%	0
25		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
50		2	7.8	7.787	7.813	7.8	7.8	0	0	0.0%	0
100		2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
Overall		8	7.825			7.7	7.9				0 (0%)

**Salinity-ppt**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		8	34			34	34				0 (0%)

**Temperature-°C**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
25		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
50		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
100		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
Overall		8	14.85			14.8	14.9				0 (0%)





March 31, 2016

Mr. Dan McCoy  
Weston Solutions  
5817 Dryden Place, Suite 101  
Carlsbad, CA 92008

Dear Mr. McCoy:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA/R-95/136*. "All acceptability criteria were met and the concentration-response was normal. Test was set within holding time, reference toxicant was within limits, and all other TAC was met. This is a valid test." Results were as follows:


CLIENT: Weston Solutions  
SAMPLE I.D.: LACDPW-010616-ASBS-S01-POST  
DATE RECEIVED: 1/8/2016  
ABC LAB. NO.: WST0116.086

**CHRONIC KELP GERMINATION AND GROWTH BIOASSAY**

GERMINATION NOEC = 100.00 %  
TUc = 1.00  
EC25 = >100.00 %  
EC50 = >100.00 %

TUBE LENGTH NOEC = 100.00 %  
TUc = 1.00  
IC25 = >100.00 %  
IC50 = >100.00 %

Yours very truly,

  
Scott Johnson  
Laboratory Director





## CETIS Summary Report

Report Date: 31 Mar-16 10:39 (p 2 of 2)

Test Code: WST0116.086klp | 16-7274-8994

## Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay &amp; Consulting Labs, Inc.

## Germination Rate Detail

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.9	0.93	0.91	0.95	0.9
25		0.93	0.91	0.9	0.92	0.95
50		0.91	0.93	0.95	0.91	0.9
100		0.91	0.96	0.95	0.97	0.9

## Mean Length Detail

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	14.2	14	14.3	14.6	14.5
25		14.6	14	14.2	14.6	14.7
50		14.2	14.1	14.9	14	14.2
100		14.4	14.2	14	14.6	14.8

## Germination Rate Binomials

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	90/100	93/100	91/100	95/100	90/100
25		93/100	91/100	90/100	92/100	95/100
50		91/100	93/100	95/100	91/100	90/100
100		91/100	96/100	95/100	97/100	90/100

**CETIS Analytical Report**

Report Date: 31 Mar-16 10:38 (p 1 of 4)  
 Test Code: WST0116.086klp | 16-7274-8994

Macrocystis Germination and Germ Tube Growth Test				Aquatic Bioassay & Consulting Labs, Inc.			
Analysis ID:	18-0773-9860	Endpoint:	Germination Rate	CETIS Version:	CETISv1.8.7		
Analyzed:	31 Mar-16 10:35	Analysis:	Parametric-Control vs Treatments	Official Results:	Yes		
Batch ID:	13-6147-0395	Test Type:	Growth-Germination	Analyst:	Joe Freas		
Start Date:	08 Jan-16 13:01	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Seawater		
Ending Date:	10 Jan-16 13:01	Species:	Macrocystis pyrifera	Brine:	Not Applicable		
Duration:	48h	Source:	Aquatic Bioassay Labs Collection	Age:			
Sample ID:	14-0500-2328	Code:	WST0116.086k	Client:	Weston Solutions		
Sample Date:	06 Jan-16 17:15	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Jan-16 10:00	Source:	Bioassay Report				
Sample Age:	44h	Station:	LACDPW-010616-ASBS-S01-Post				

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Angular (Corrected)	NA	C > T	NA	NA	4.18%	100	>100	NA	1

**Dunnett Multiple Comparison Test**

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		25	-0.2362	2.227	0.066	8	0.8265	CDF	Non-Significant Effect
		50	-0.1152	2.227	0.066	8	0.7894	CDF	Non-Significant Effect
		100	-1.445	2.227	0.066	8	0.9870	CDF	Non-Significant Effect

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.918	0.7 - NL	Yes	Passes Acceptability Criteria
PMSD	0.04177	NL - 0.2	No	Passes Acceptability Criteria

**ANOVA Table**

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.005927434	0.001975811	3	0.9005	0.4626	Non-Significant Effect
Error	0.03510731	0.002194207	16			
Total	0.04103475		19			

**Distributional Tests**

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	1.631	11.34	0.6524	Equal Variances
Variances	Mod Levene Equality of Variance	0.9349	5.953	0.4540	Equal Variances
Variances	Levene Equality of Variance	1.828	5.292	0.1827	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.9525	0.866	0.4065	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.1486	0.2235	0.2946	Normal Distribution
Distribution	D'Agostino Skewness	0.3488	2.576	0.7273	Normal Distribution
Distribution	D'Agostino Kurtosis	1.184	2.576	0.2364	Normal Distribution
Distribution	D'Agostino-Pearson K2 Omnibus	1.523	9.21	0.4669	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.4427	3.878	0.2918	Normal Distribution

**Germination Rate Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	5	0.918	0.8911	0.9449	0.91	0.9	0.95	0.009695	2.36%	0.0%
25		5	0.922	0.8981	0.9459	0.92	0.9	0.95	0.008602	2.09%	-0.44%
50		5	0.92	0.8952	0.9448	0.91	0.9	0.95	0.008944	2.17%	-0.22%
100		5	0.938	0.8993	0.9767	0.95	0.9	0.97	0.01393	3.32%	-2.18%

**Angular (Corrected) Transformed Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Contro	5	1.283	1.231	1.334	1.266	1.249	1.345	0.01853	3.23%	0.0%
25		5	1.29	1.243	1.336	1.284	1.249	1.345	0.0166	2.88%	-0.55%
50		5	1.286	1.238	1.334	1.266	1.249	1.345	0.01727	3.0%	-0.27%
100		5	1.325	1.245	1.406	1.345	1.249	1.397	0.02895	4.89%	-3.34%

**CETIS Analytical Report**

Reporting Year 2015 - 2016

Report Date: 31 Mar-16 10:38 (p 2 of 4)

Test Code: WST0116.086klp | 16-7274-8994

**Macrocystis Germination and Germ Tube Growth Test**

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 18-0773-9860 Endpoint: Germination Rate  
 Analyzed: 31 Mar-16 10:35 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.8.7  
 Official Results: Yes

**Germination Rate Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.9	0.93	0.91	0.95	0.9
25		0.93	0.91	0.9	0.92	0.95
50		0.91	0.93	0.95	0.91	0.9
100		0.91	0.96	0.95	0.97	0.9

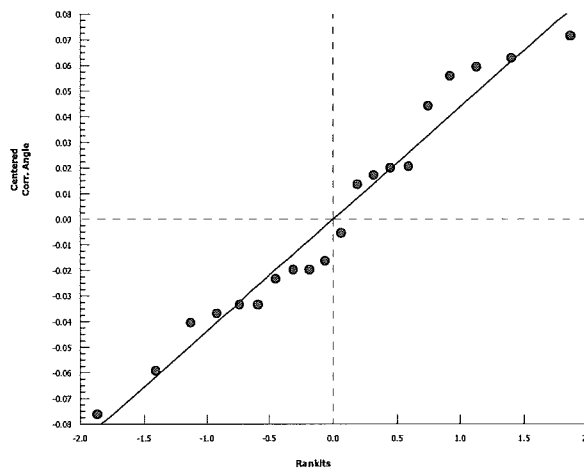
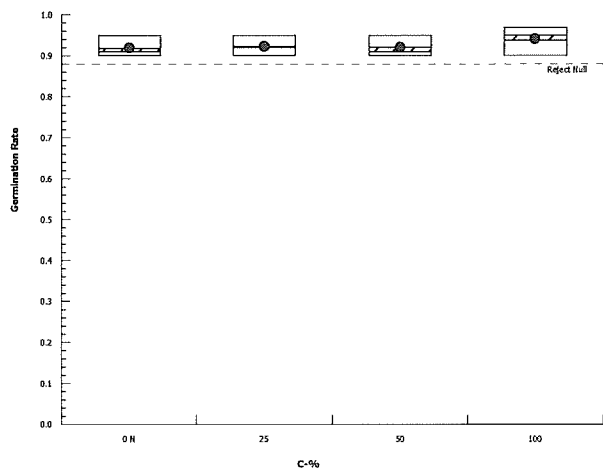
**Angular (Corrected) Transformed Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.249	1.303	1.266	1.345	1.249
25		1.303	1.266	1.249	1.284	1.345
50		1.266	1.303	1.345	1.266	1.249
100		1.266	1.369	1.345	1.397	1.249

**Germination Rate Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	90/100	93/100	91/100	95/100	90/100
25		93/100	91/100	90/100	92/100	95/100
50		91/100	93/100	95/100	91/100	90/100
100		91/100	96/100	95/100	97/100	90/100

**Graphics**



**CETIS Analytical Report**

Report Date: 31 Mar-16 10:38 (p 3 of 4)  
 Test Code: WST0116.086klp | 16-7274-8994

Macrocystis Germination and Germ Tube Growth Test				Aquatic Bioassay & Consulting Labs, Inc.			
Analysis ID:	21-1037-3833	Endpoint:	Mean Length	CETIS Version:	CETISv1.8.7		
Analyzed:	31 Mar-16 10:35	Analysis:	Parametric-Control vs Treatments	Official Results:	Yes		
Batch ID:	13-6147-0395	Test Type:	Growth-Germination	Analyst:	Joe Freas		
Start Date:	08 Jan-16 13:01	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Seawater		
Ending Date:	10 Jan-16 13:01	Species:	Macrocystis pyrifera	Brine:	Not Applicable		
Duration:	48h	Source:	Aquatic Bioassay Labs Collection	Age:			
Sample ID:	14-0500-2328	Code:	WST0116.086k	Client:	Weston Solutions		
Sample Date:	06 Jan-16 17:15	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Jan-16 10:00	Source:	Bioassay Report				
Sample Age:	44h	Station:	LACDPW-010616-ASBS-S01-Post				

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Untransformed	NA	C > T	NA	NA	3.02%	100	>100	NA	1

**Dunnett Multiple Comparison Test**

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		25	-0.5157	2.227	0.432	8	0.8946	CDF	Non-Significant Effect
		50	0.2063	2.227	0.432	8	0.6707	CDF	Non-Significant Effect
		100	-0.4126	2.227	0.432	8	0.8723	CDF	Non-Significant Effect

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	14.32	10 - NL	Yes	Passes Acceptability Criteria
PMSD	0.03016	NL - 0.2	No	Passes Acceptability Criteria

**ANOVA Table**

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.06550008	0.02183336	3	0.2323	0.8726	Non-Significant Effect
Error	1.504	0.09400002	16			
Total	1.5695		19			

**Distributional Tests**

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	0.5759	11.34	0.9019	Equal Variances
Variances	Mod Levene Equality of Variance	0.08547	5.953	0.9667	Equal Variances
Variances	Levene Equality of Variance	0.2074	5.292	0.8898	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.963	0.866	0.6055	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.1388	0.2235	0.4008	Normal Distribution
Distribution	D'Agostino Skewness	0.8158	2.576	0.4146	Normal Distribution
Distribution	D'Agostino Kurtosis	0.3073	2.576	0.7586	Normal Distribution
Distribution	D'Agostino-Pearson K2 Omnibus	0.76	9.21	0.6839	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.3323	3.878	0.5215	Normal Distribution

**Mean Length Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	5	14.32	14.02	14.62	14.3	14	14.6	0.1068	1.67%	0.0%
25		5	14.42	14.04	14.8	14.6	14	14.7	0.1356	2.1%	-0.7%
50		5	14.28	13.84	14.72	14.2	14	14.9	0.1594	2.5%	0.28%
100		5	14.4	14.01	14.79	14.4	14	14.8	0.1414	2.2%	-0.56%

**Mean Length Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	14.2	14	14.3	14.6	14.5
25		14.6	14	14.2	14.6	14.7
50		14.2	14.1	14.9	14	14.2
100		14.4	14.2	14	14.6	14.8

### CETIS Analytical Report

Report Date: 31 Mar-16 10:38 (p 4 of 4)

Test Code: WST0116.086klp | 16-7274-8994

#### Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 21-1037-3833

Endpoint: Mean Length

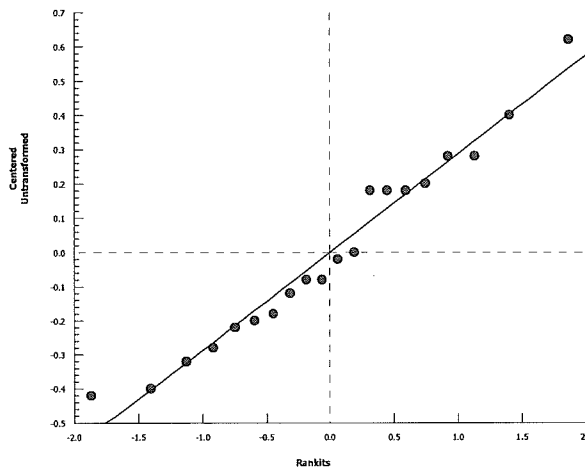
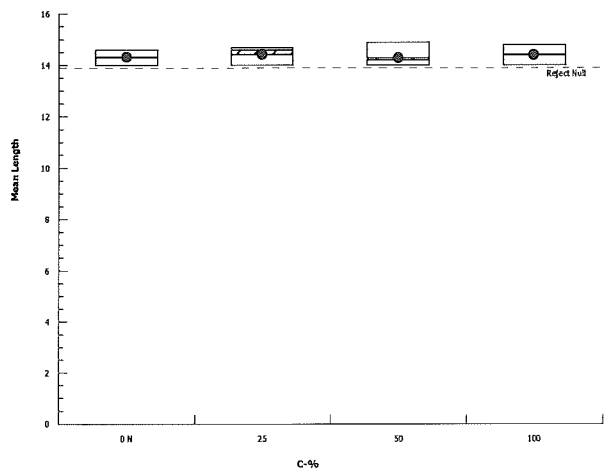
CETIS Version: CETISv1.8.7

Analyzed: 31 Mar-16 10:35

Analysis: Parametric-Control vs Treatments

Official Results: Yes

#### Graphics







**CETIS Analytical Report**

Report Date: 31 Mar-16 10:39 (p 3 of 4)

Test Code: WST0116.086klp | 16-7274-8994

Macrocystis Germination and Germ Tube Growth Test			Aquatic Bioassay & Consulting Labs, Inc.		
Analysis ID:	09-3318-7022	Endpoint:	Mean Length	CETIS Version:	CETISv1.8.7
Analyzed:	31 Mar-16 10:36	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes
Batch ID:	13-6147-0395	Test Type:	Growth-Germination	Analyst:	Joe Freas
Start Date:	08 Jan-16 13:01	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Seawater
Ending Date:	10 Jan-16 13:01	Species:	Macrocystis pyrifera	Brine:	Not Applicable
Duration:	48h	Source:	Aquatic Bioassay Labs Collection	Age:	
Sample ID:	14-0500-2328	Code:	WST0116.086k	Client:	Weston Solutions
Sample Date:	06 Jan-16 17:15	Material:	Sample Water	Project:	LACDPW MALIBU ASBS
Receive Date:	08 Jan-16 10:00	Source:	Bioassay Report		
Sample Age:	44h	Station:	LACDPW-010616-ASBS-S01-Post		

**Linear Interpolation Options**

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	1927374	280	Yes	Two-Point Interpolation

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	14.32	10 - NL	Yes	Passes Acceptability Criteria

**Point Estimates**

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	>100	N/A	N/A	<1	NA	NA
IC10	>100	N/A	N/A	<1	NA	NA
IC15	>100	N/A	N/A	<1	NA	NA
IC20	>100	N/A	N/A	<1	NA	NA
IC25	>100	N/A	N/A	<1	NA	NA
IC40	>100	N/A	N/A	<1	NA	NA
IC50	>100	N/A	N/A	<1	NA	NA

**Mean Length Summary**

**Calculated Variate**

C-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	5	14.32	14	14.6	0.1068	0.2387	1.67%	0.0%
25		5	14.42	14	14.7	0.1356	0.3033	2.1%	-0.7%
50		5	14.28	14	14.9	0.1594	0.3564	2.5%	0.28%
100		5	14.4	14	14.8	0.1414	0.3162	2.2%	-0.56%

**Mean Length Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	14.2	14	14.3	14.6	14.5
25		14.6	14	14.2	14.6	14.7
50		14.2	14.1	14.9	14	14.2
100		14.4	14.2	14	14.6	14.8



### CETIS Analytical Report

Report Date: 31 Mar-16 10:39 (p 4 of 4)

Test Code: WST0116.086klp | 16-7274-8994

#### Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 09-3318-7022

Endpoint: Mean Length

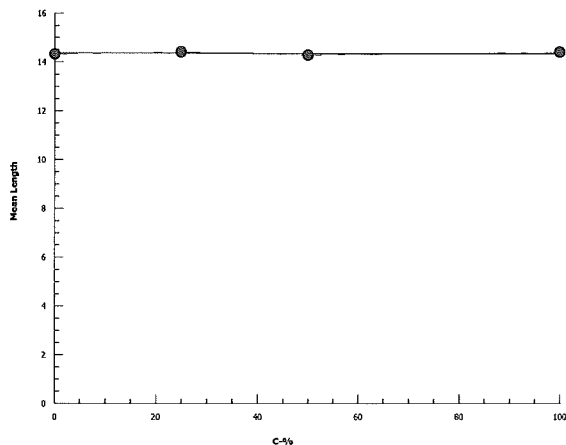
CETIS Version: CETISv1.8.7

Analyzed: 31 Mar-16 10:36

Analysis: Linear Interpolation (ICPIN)

Official Results: Yes

#### Graphics



**CETIS Measurement Report**

Report Date: 31 Mar-16 10:39 (p 1 of 2)  
 Test Code: WST0116.086k | 16-7274-8994

**Macrocyctis Germination and Germ Tube Growth Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

<b>Batch ID:</b> 13-6147-0395	<b>Test Type:</b> Growth-Germination	<b>Analyst:</b> Joe Freas
<b>Start Date:</b> 08 Jan-16 13:01	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Seawater
<b>Ending Date:</b> 10 Jan-16 13:01	<b>Species:</b> Macrocyctis pyrifera	<b>Brine:</b> Not Applicable
<b>Duration:</b> 48h	<b>Source:</b> Aquatic Bioassay Labs Collection	<b>Age:</b>
<b>Sample ID:</b> 14-0500-2328	<b>Code:</b> WST0116.086k	<b>Client:</b> Weston Solutions
<b>Sample Date:</b> 06 Jan-16 17:15	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS
<b>Receive Date:</b> 08 Jan-16 10:00	<b>Source:</b> Bioassay Report	
<b>Sample Age:</b> 44h	<b>Station:</b> LACDPW-010616-ASBS-S01-Post	

**Dissolved Oxygen-mg/L**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	6.55	5.915	7.185	6.5	6.6	0.04999	0.0707	1.08%	0
25		2	6.65	4.744	8.556	6.5	6.8	0.15	0.2121	3.19%	0
50		2	6.4	3.859	8.941	6.2	6.6	0.2	0.2828	4.42%	0
100		2	6.55	2.103	11	6.2	6.9	0.35	0.495	7.56%	0
Overall		8	6.538			6.2	6.9				0 (0%)

**pH-Units**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	7.9	7.884	7.916	7.9	7.9	0	0	0.0%	0
25		2	7.8	7.787	7.813	7.8	7.8	0	0	0.0%	0
50		2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
100		2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
Overall		8	7.8			7.7	7.9				0 (0%)

**Salinity-ppt**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		8	34			34	34				0 (0%)

**Temperature-°C**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
25		2	14.8	14.78	14.82	14.8	14.8	0	0	0.0%	0
50		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
100		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
Overall		8	14.84			14.8	14.9				0 (0%)

**CETIS Measurement Report**

Report Date: 31 Mar-16 10:39 (p 2 of 2)

Test Code: WST0116.086klp | 16-7274-8994

**Macrocystis Germination and Germ Tube Growth Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

**Dissolved Oxygen-mg/L**

C-%	Control Type	1	2
0	Negative Contr	6.6	6.5
25		6.5	6.8
50		6.6	6.2
100		6.9	6.2

**pH-Units**

C-%	Control Type	1	2
0	Negative Contr	7.9	7.9
25		7.8	7.8
50		7.8	7.7
100		7.8	7.7

**Salinity-ppt**

C-%	Control Type	1	2
0	Negative Contr	34	34
25		34	34
50		34	34
100		34	34

**Temperature-°C**

C-%	Control Type	1	2
0	Negative Contr	14.8	14.9
25		14.8	14.8
50		14.9	14.8
100		14.8	14.9





May 13, 2016

Mr Dan McCoy  
Weston Solutions  
5817 Dryden Place, Suite 101  
Carlsbad, CA 92008

Dear Mr. McCoy:

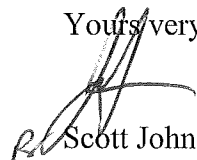
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA/R-95/136*. "All acceptability criteria were met and the concentration-response was normal. Test was set within holding time, reference toxicant was within limits, and all other TAC was met. This is a valid test." Results were as follows:

CLIENT:	Weston Solutions
SAMPLE I.D.:	LACDPW-030616-ASBS-S01-Post
DATE RECEIVED:	3/8/2016
ABC LAB. NO.:	WST0316.052

#### MYTILUS SHELL DEVELOPMENT BIOASSAY

NOEC =	100.00 %
TU <sub>c</sub> =	1.00
EC25 =	>100.00 %
EC50 =	>100.00 %

Yours very truly,

  
Scott Johnson  
Laboratory Director

**CETIS Summary Report**

Report Date: 13 May-16 10:54 (p 1 of 1)  
 Test Code: WST0316.052myt | 09-3773-8294

Mussel Shell Development Test				Aquatic Bioassay & Consulting Labs, Inc.			
Batch ID:	15-6768-5281	Test Type:	Development-Survival	Analyst:	Joe Freas		
Start Date:	08 Mar-16 13:00	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Water		
Ending Date:	10 Mar-16 13:00	Species:	Mytilus galloprovincialis	Brine:	Not Applicable		
Duration:	48h	Source:	Carlsbad Aquafarms CA	Age:			
Sample ID:	16-4676-7952	Code:	WST0316.052m	Client:	Weston Solutions		
Sample Date:	06 Mar-16	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Mar-16 10:20	Source:	Bioassay Report				
Sample Age:	61h (1 °C)	Station:	LACDPW-030616-ASBS-S01-Post				

**Comparison Summary**

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU'	Method
20-1538-5799	Combined Proportion Norm	100	>100	NA	2.86%	1	Dunnett Multiple Comparison Test

**Point Estimate Summary**

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
20-0956-8785	Combined Proportion Norm	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	

**Test Acceptability**

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
20-1538-5799	Combined Proportion Norm	PMSD	0.02863	NL - 0.25	No	Passes Acceptability Criteria

**Combined Proportion Normal Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	5	0.9467	0.9297	0.9637	0.9289	0.96	0.006126	0.0137	1.45%	0.0%
25		5	0.9538	0.9389	0.9687	0.9378	0.9689	0.00537	0.01201	1.26%	-0.75%
50		5	0.9547	0.9415	0.9678	0.9378	0.9644	0.004745	0.01061	1.11%	-0.85%
100		5	0.944	0.9083	0.9797	0.9022	0.9733	0.01285	0.02873	3.04%	0.28%

**Combined Proportion Normal Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.9378	0.96	0.9289	0.96	0.9467
25		0.9467	0.96	0.9689	0.9556	0.9378
50		0.96	0.9511	0.9644	0.9378	0.96
100		0.9733	0.9378	0.9689	0.9378	0.9022

**Combined Proportion Normal Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	211/225	216/225	209/225	216/225	213/225
25		213/225	216/225	218/225	215/225	211/225
50		216/225	214/225	217/225	211/225	216/225
100		219/225	211/225	218/225	211/225	203/225

**CETIS Analytical Report**

Report Date: 13 May-16 10:54 (p 1 of 2)

Test Code: WST0316.052myt | 09-3773-8294

Mussel Shell Development Test				Aquatic Bioassay & Consulting Labs, Inc.			
Analysis ID:	20-1538-5799	Endpoint:	Combined Proportion Normal	CETIS Version:	CETISv1.8.7		
Analyzed:	13 May-16 10:53	Analysis:	Parametric-Control vs Treatments	Official Results:	Yes		
Batch ID:	15-6768-5281	Test Type:	Development-Survival	Analyst:	Joe Freas		
Start Date:	08 Mar-16 13:00	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Water		
Ending Date:	10 Mar-16 13:00	Species:	Mytilus galloprovincialis	Brine:	Not Applicable		
Duration:	48h	Source:	Carlsbad Aquafarms CA	Age:			
Sample ID:	16-4676-7952	Code:	WST0316.052m	Client:	Weston Solutions		
Sample Date:	06 Mar-16	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Mar-16 10:20	Source:	Bioassay Report				
Sample Age:	61h (1 °C)	Station:	LACDPW-030616-ASBS-S01-Post				

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Angular (Corrected)	NA	C > T	NA	NA	2.86%	100	>100	NA	1

**Dunnett Multiple Comparison Test**

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		25	-0.6487	2.227	0.056	8	0.9189	CDF	Non-Significant Effect
		50	-0.7184	2.227	0.056	8	0.9297	CDF	Non-Significant Effect
		100	0.04602	2.227	0.056	8	0.7332	CDF	Non-Significant Effect

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
PMSD	0.02863	NL - 0.25	No	Passes Acceptability Criteria

**ANOVA Table**

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.001589579	0.0005298596	3	0.3352	0.8001	Non-Significant Effect
Error	0.02529474	0.001580921	16			
Total	0.02688432		19			

**Distributional Tests**

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	4.387	11.34	0.2226	Equal Variances
Variances	Mod Levene Equality of Variance	1.854	5.953	0.1912	Equal Variances
Variances	Levene Equality of Variance	2.728	5.292	0.0784	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.9799	0.866	0.9327	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.09497	0.2235	1.0000	Normal Distribution
Distribution	D'Agostino Skewness	0.4758	2.576	0.6342	Normal Distribution
Distribution	D'Agostino Kurtosis	0.5927	2.576	0.5534	Normal Distribution
Distribution	D'Agostino-Pearson K2 Omnibus	0.5777	9.21	0.7491	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.2207	3.878	0.8672	Normal Distribution

**Combined Proportion Normal Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	5	0.9467	0.9297	0.9637	0.9467	0.9289	0.96	0.006127	1.45%	0.0%
25		5	0.9538	0.9389	0.9687	0.9556	0.9378	0.9689	0.00537	1.26%	-0.75%
50		5	0.9547	0.9415	0.9678	0.96	0.9378	0.9644	0.004746	1.11%	-0.85%
100		5	0.944	0.9083	0.9797	0.9378	0.9022	0.9733	0.01285	3.04%	0.28%

**Angular (Corrected) Transformed Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Contro	5	1.339	1.301	1.377	1.338	1.301	1.369	0.01364	2.28%	0.0%
25		5	1.356	1.32	1.391	1.358	1.319	1.393	0.01288	2.12%	-1.22%
50		5	1.357	1.327	1.388	1.369	1.319	1.381	0.01105	1.82%	-1.35%
100		5	1.338	1.26	1.416	1.319	1.253	1.407	0.02812	4.7%	0.09%

**CETIS Analytical Report**

Report Date: 13 May-16 10:54 (p 2 of 2)  
 Test Code: WST0316.052myt | 09-3773-8294

**Mussel Shell Development Test**

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 20-1538-5799      Endpoint: Combined Proportion Normal      CETIS Version: CETISv1.8.7  
 Analyzed: 13 May-16 10:53      Analysis: Parametric-Control vs Treatments      Official Results: Yes

**Combined Proportion Normal Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.9378	0.96	0.9289	0.96	0.9467
25		0.9467	0.96	0.9689	0.9556	0.9378
50		0.96	0.9511	0.9644	0.9378	0.96
100		0.9733	0.9378	0.9689	0.9378	0.9022

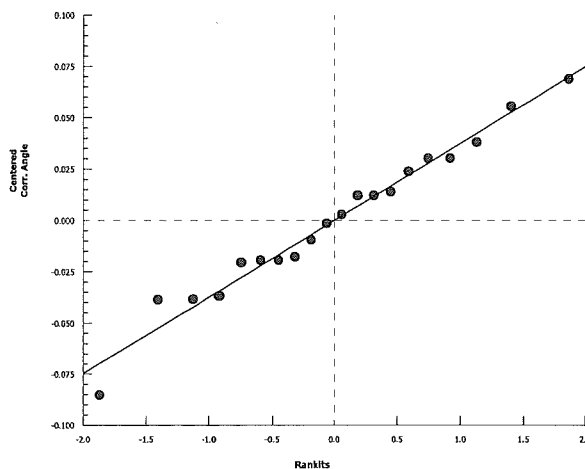
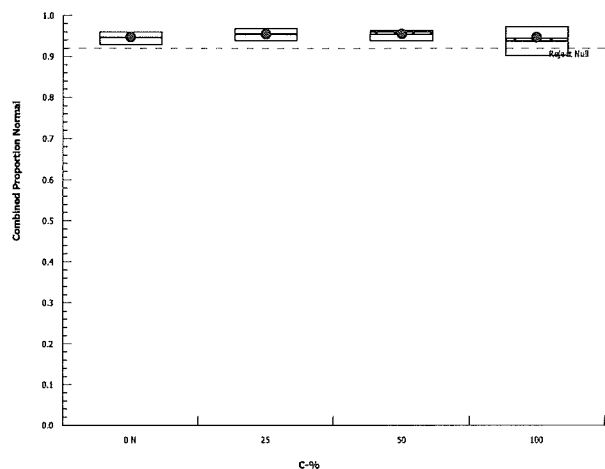
**Angular (Corrected) Transformed Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.319	1.369	1.301	1.369	1.338
25		1.338	1.369	1.393	1.358	1.319
50		1.369	1.348	1.381	1.319	1.369
100		1.407	1.319	1.393	1.319	1.253

**Combined Proportion Normal Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	211/225	216/225	209/225	216/225	213/225
25		213/225	216/225	218/225	215/225	211/225
50		216/225	214/225	217/225	211/225	216/225
100		219/225	211/225	218/225	211/225	203/225

**Graphics**





**CETIS Analytical Report**

Report Date: 13 May-16 10:54 (p 1 of 2)

Test Code: WST0316.052myt | 09-3773-8294

**Mussel Shell Development Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

<b>Analysis ID:</b> 20-0956-8785	<b>Endpoint:</b> Combined Proportion Normal	<b>CETIS Version:</b> CETISv1.8.7
<b>Analyzed:</b> 13 May-16 10:53	<b>Analysis:</b> Linear Interpolation (ICPIN)	<b>Official Results:</b> Yes
<b>Batch ID:</b> 15-6768-5281	<b>Test Type:</b> Development-Survival	<b>Analyst:</b> Joe Freas
<b>Start Date:</b> 08 Mar-16 13:00	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Water
<b>Ending Date:</b> 10 Mar-16 13:00	<b>Species:</b> Mytilis galloprovincialis	<b>Brine:</b> Not Applicable
<b>Duration:</b> 48h	<b>Source:</b> Carlsbad Aquafarms CA	<b>Age:</b>
<b>Sample ID:</b> 16-4676-7952	<b>Code:</b> WST0316.052m	<b>Client:</b> Weston Solutions
<b>Sample Date:</b> 06 Mar-16	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS
<b>Receive Date:</b> 08 Mar-16 10:20	<b>Source:</b> Bioassay Report	
<b>Sample Age:</b> 61h (1 °C)	<b>Station:</b> LACDPW-030616-ASBS-S01-Post	

**Linear Interpolation Options**

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	0	280	Yes	Two-Point Interpolation

**Point Estimates**

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	NA	NA
EC10	>100	N/A	N/A	<1	NA	NA
EC15	>100	N/A	N/A	<1	NA	NA
EC20	>100	N/A	N/A	<1	NA	NA
EC25	>100	N/A	N/A	<1	NA	NA
EC40	>100	N/A	N/A	<1	NA	NA
EC50	>100	N/A	N/A	<1	NA	NA

**Combined Proportion Normal Summary**

**Calculated Variate(A/B)**

C-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	%Effect	A	B
0	Negative Control	5	0.9467	0.9289	0.96	0.006127	0.0137	1.45%	0.0%	1065	1125
25		5	0.9538	0.9378	0.9689	0.00537	0.01201	1.26%	-0.75%	1073	1125
50		5	0.9547	0.9378	0.9644	0.004746	0.01061	1.11%	-0.85%	1074	1125
100		5	0.944	0.9022	0.9733	0.01285	0.02873	3.04%	0.28%	1062	1125

**Combined Proportion Normal Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.9378	0.96	0.9289	0.96	0.9467
25		0.9467	0.96	0.9689	0.9556	0.9378
50		0.96	0.9511	0.9644	0.9378	0.96
100		0.9733	0.9378	0.9689	0.9378	0.9022

**Combined Proportion Normal Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	211/225	216/225	209/225	216/225	213/225
25		213/225	216/225	218/225	215/225	211/225
50		216/225	214/225	217/225	211/225	216/225
100		219/225	211/225	218/225	211/225	203/225

### CETIS Analytical Report

Reporting Year 2015 - 2016

Report Date: 13 May-16 10:54 (p 2 of 2)  
Test Code: WST0316.052myt | 09-3773-8294

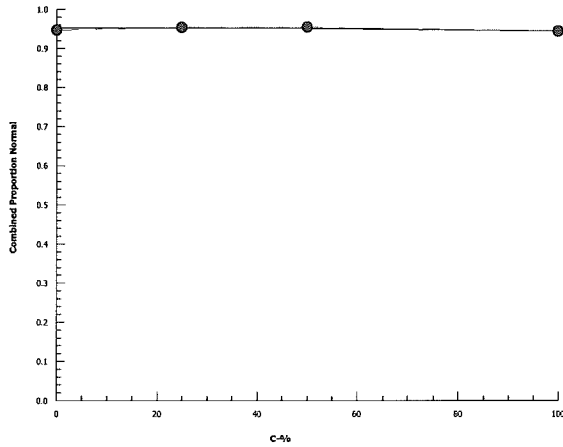
#### Mussel Shell Development Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 20-0956-8785      Endpoint: Combined Proportion Normal  
Analyzed: 13 May-16 10:53      Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.8.7  
Official Results: Yes

#### Graphics





**CETIS Measurement Report**

Report Date: 13 May-16 10:54 (p 2 of 2)

Test Code: WST0316.052myt | 09-3773-8294

**Mussel Shell Development Test**

Aquatic Bioassay & Consulting Labs, Inc.

**Dissolved Oxygen-mg/L**

C-%	Control Type	1	2
0	Negative Contr	6.6	6.8
25		6.5	6.9
50		6.2	6.5
100		6.6	6.8

**pH-Units**

C-%	Control Type	1	2
0	Negative Contr	7.9	7.9
25		7.8	7.8
50		7.8	7.7
100		7.7	7.7

**Salinity-ppt**

C-%	Control Type	1	2
0	Negative Contr	34	34
25		34	34
50		34	34
100		34	34

**Temperature-°C**

C-%	Control Type	1	2
0	Negative Contr	14.8	14.9
25		14.8	14.9
50		14.8	14.9
100		14.8	14.9



May 13, 2016

Mr. Dan McCoy  
Weston Solutions  
5817 Dryden Place, Suite 101  
Carlsbad, CA 92008

Dear Mr. McCoy:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA/R-95/136*. "All acceptability criteria were met and the concentration-response was normal. Test was set within holding time, reference toxicant was within limits, and all other TAC was met. This is a valid test." Results were as follows:

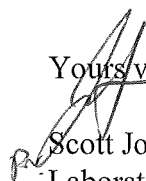
CLIENT: Weston Solutions  
SAMPLE I.D.: LACDPW-030616-ASBS-S01-Post  
DATE RECEIVED: 3/8/2016  
ABC LAB. NO.: WST0316.052

**CHRONIC KELP GERMINATION AND GROWTH BIOASSAY**

GERMINATION NOEC = 100.00 %  
TU<sub>c</sub> = 1.00  
EC25 = >100.00 %  
EC50 = >100.00 %

TUBE LENGTH NOEC = 100.00 %  
TU<sub>c</sub> = 1.00  
IC25 = >100.00 %  
IC50 = >100.00 %

Yours very truly,

  
Scott Johnson  
Laboratory Director

**CETIS Summary Report**

Report Date: 13 May-16 10:54 (p 1 of 2)

Test Code: WST0316.052klp | 00-1704-6117

Macrocystis Germination and Germ Tube Growth Test				Aquatic Bioassay & Consulting Labs, Inc.			
Batch ID:	21-3175-0769	Test Type:	Growth-Germination	Analyst:	Joe Freas		
Start Date:	08 Mar-16 13:00	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Seawater		
Ending Date:	10 Mar-16 13:00	Species:	Macrocystis pyrifera	Brine:	Not Applicable		
Duration:	48h	Source:	Aquatic Bioassay Labs Collection	Age:			
Sample ID:	18-8651-9264	Code:	WST0316.052k	Client:	Weston Solutions		
Sample Date:	06 Mar-16	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Mar-16 10:20	Source:	Bioassay Report				
Sample Age:	61h (1 °C)	Station:	LACDPW-030616-ASBS-S01-Post				

**Comparison Summary**

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
21-0723-5558	Germination Rate	100	>100	NA	3.41%	1	Dunnett Multiple Comparison Test
01-4072-2856	Mean Length	100	>100	NA	2.31%	1	Dunnett Multiple Comparison Test

**Point Estimate Summary**

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
02-6794-7528	Germination Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
09-5289-7306	Mean Length	IC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	

**Test Acceptability**

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
02-6794-7528	Germination Rate	Control Resp	0.934	0.7 - NL	Yes	Passes Acceptability Criteria
21-0723-5558	Germination Rate	Control Resp	0.934	0.7 - NL	Yes	Passes Acceptability Criteria
01-4072-2856	Mean Length	Control Resp	14.24	10 - NL	Yes	Passes Acceptability Criteria
09-5289-7306	Mean Length	Control Resp	14.24	10 - NL	Yes	Passes Acceptability Criteria
21-0723-5558	Germination Rate	PMSD	0.03412	NL - 0.2	No	Passes Acceptability Criteria
01-4072-2856	Mean Length	PMSD	0.02309	NL - 0.2	No	Passes Acceptability Criteria

**Germination Rate Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	5	0.934	0.9114	0.9566	0.91	0.95	0.008124	0.01817	1.95%	0.0%
25		5	0.93	0.9052	0.9548	0.91	0.96	0.008944	0.02	2.15%	0.43%
50		5	0.926	0.9003	0.9517	0.9	0.95	0.009274	0.02074	2.24%	0.86%
100		5	0.93	0.9009	0.9591	0.91	0.97	0.01049	0.02345	2.52%	0.43%

**Mean Length Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	5	14.24	14.01	14.47	14	14.5	0.08124	0.1817	1.28%	0.0%
25		5	14.32	13.95	14.69	14	14.6	0.1319	0.295	2.06%	-0.56%
50		5	14.5	14.28	14.72	14.2	14.6	0.07746	0.1732	1.2%	-1.83%
100		5	14.46	14.14	14.78	14.2	14.8	0.1166	0.2608	1.8%	-1.55%

## CETIS Summary Report

Report Date: 13 May-16 10:54 (p 2 of 2)  
Test Code: WST0316.052klp | 00-1704-6117

## Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay &amp; Consulting Labs, Inc.

## Germination Rate Detail

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.92	0.91	0.95	0.94	0.95
25		0.92	0.91	0.96	0.94	0.92
50		0.91	0.9	0.93	0.95	0.94
100		0.92	0.93	0.91	0.97	0.92

## Mean Length Detail

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	14	14.2	14.3	14.5	14.2
25		14	14.6	14.5	14.5	14
50		14.6	14.6	14.5	14.2	14.6
100		14.2	14.8	14.2	14.6	14.5

## Germination Rate Binomials

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	92/100	91/100	95/100	94/100	95/100
25		92/100	91/100	96/100	94/100	92/100
50		91/100	90/100	93/100	95/100	94/100
100		92/100	93/100	91/100	97/100	92/100

## CETIS Analytical Report

Report Date: 13 May-16 10:53 (p 1 of 4)

Test Code: WST0316.052klp | 00-1704-6117

## Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay &amp; Consulting Labs, Inc.

Analysis ID: 21-0723-5558 Endpoint: Germination Rate CETIS Version: CETISv1.8.7  
 Analyzed: 13 May-16 10:52 Analysis: Parametric-Control vs Treatments Official Results: Yes

Batch ID: 21-3175-0769 Test Type: Growth-Germination Analyst: Joe Freas  
 Start Date: 08 Mar-16 13:00 Protocol: EPA/600/R-95/136 (1995) Diluent: Laboratory Seawater  
 Ending Date: 10 Mar-16 13:00 Species: Macrocystis pyrifera Brine: Not Applicable  
 Duration: 48h Source: Aquatic Bioassay Labs Collection Age:

Sample ID: 18-8651-9264 Code: WST0316.052k Client: Weston Solutions  
 Sample Date: 06 Mar-16 Material: Sample Water Project: LACDPW MALIBU ASBS  
 Receive Date: 08 Mar-16 10:20 Source: Bioassay Report  
 Sample Age: 61h (1 °C) Station: LACDPW-030616-ASBS-S01-Post

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Angular (Corrected)	NA	C > T	NA	NA	3.41%	100	>100	NA	1

## Dunnett Multiple Comparison Test

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		25	0.2745	2.227	0.060	8	0.6425	CDF	Non-Significant Effect
		50	0.5717	2.227	0.060	8	0.5130	CDF	Non-Significant Effect
		100	0.2228	2.227	0.060	8	0.6639	CDF	Non-Significant Effect

## Test Acceptability Criteria

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.934	0.7 - NL	Yes	Passes Acceptability Criteria
PMSD	0.03412	NL - 0.2	No	Passes Acceptability Criteria

## ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.0006065799	0.0002021933	3	0.1107	0.9526	Non-Significant Effect
Error	0.02921319	0.001825825	16			
Total	0.02981977		19			

## Distributional Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	0.5401	11.34	0.9100	Equal Variances
Variances	Mod Levene Equality of Variance	0.008278	5.953	0.9989	Equal Variances
Variances	Levene Equality of Variance	0.06121	5.292	0.9795	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.9277	0.866	0.1395	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.2069	0.2235	0.0247	Normal Distribution
Distribution	D'Agostino Skewness	1.454	2.576	0.1459	Normal Distribution
Distribution	D'Agostino Kurtosis	0.03772	2.576	0.9699	Normal Distribution
Distribution	D'Agostino-Pearson K2 Omnibus	2.116	9.21	0.3471	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.5843	3.878	0.1318	Normal Distribution

## Germination Rate Summary

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	5	0.934	0.9114	0.9566	0.94	0.91	0.95	0.008124	1.95%	0.0%
25		5	0.93	0.9052	0.9548	0.92	0.91	0.96	0.008944	2.15%	0.43%
50		5	0.926	0.9003	0.9517	0.93	0.9	0.95	0.009273	2.24%	0.86%
100		5	0.93	0.9009	0.9591	0.92	0.91	0.97	0.01049	2.52%	0.43%

## Angular (Corrected) Transformed Summary

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Contro	5	1.313	1.268	1.358	1.323	1.266	1.345	0.01617	2.75%	0.0%
25		5	1.305	1.254	1.357	1.284	1.266	1.369	0.01855	3.18%	0.57%
50		5	1.297	1.248	1.347	1.303	1.249	1.345	0.01777	3.06%	1.18%
100		5	1.307	1.242	1.371	1.284	1.266	1.397	0.02323	3.98%	0.46%



**CETIS Analytical Report**

Report Date: 13 May-16 10:53 (p 2 of 4)  
 Test Code: WST0316.052klp | 00-1704-6117

**Macrocystis Germination and Germ Tube Growth Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID: 21-0723-5558      Endpoint: Germination Rate  
 Analyzed: 13 May-16 10:52      Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.8.7  
 Official Results: Yes

**Germination Rate Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.92	0.91	0.95	0.94	0.95
25		0.92	0.91	0.96	0.94	0.92
50		0.91	0.9	0.93	0.95	0.94
100		0.92	0.93	0.91	0.97	0.92

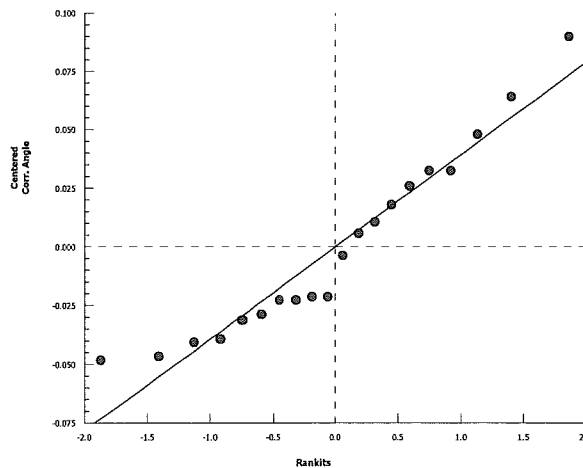
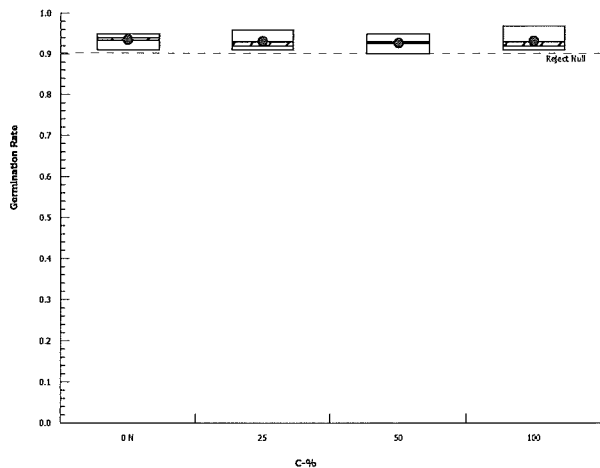
**Angular (Corrected) Transformed Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.284	1.266	1.345	1.323	1.345
25		1.284	1.266	1.369	1.323	1.284
50		1.266	1.249	1.303	1.345	1.323
100		1.284	1.303	1.266	1.397	1.284

**Germination Rate Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	92/100	91/100	95/100	94/100	95/100
25		92/100	91/100	96/100	94/100	92/100
50		91/100	90/100	93/100	95/100	94/100
100		92/100	93/100	91/100	97/100	92/100

**Graphics**



**CETIS Analytical Report**

Report Date: 13 May-16 10:53 (p 3 of 4)

Test Code: WST0316.052klp | 00-1704-6117

**Macrocystis Germination and Germ Tube Growth Test** **Aquatic Bioassay & Consulting Labs, Inc.**

<b>Analysis ID:</b> 01-4072-2856	<b>Endpoint:</b> Mean Length	<b>CETIS Version:</b> CETISv1.8.7
<b>Analyzed:</b> 13 May-16 10:52	<b>Analysis:</b> Parametric-Control vs Treatments	<b>Official Results:</b> Yes
<b>Batch ID:</b> 21-3175-0769	<b>Test Type:</b> Growth-Germination	<b>Analyst:</b> Joe Freas
<b>Start Date:</b> 08 Mar-16 13:00	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Seawater
<b>Ending Date:</b> 10 Mar-16 13:00	<b>Species:</b> Macrocystis pyrifera	<b>Brine:</b> Not Applicable
<b>Duration:</b> 48h	<b>Source:</b> Aquatic Bioassay Labs Collection	<b>Age:</b>
<b>Sample ID:</b> 18-8651-9264	<b>Code:</b> WST0316.052k	<b>Client:</b> Weston Solutions
<b>Sample Date:</b> 06 Mar-16	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS
<b>Receive Date:</b> 08 Mar-16 10:20	<b>Source:</b> Bioassay Report	
<b>Sample Age:</b> 61h (1 °C)	<b>Station:</b> LACDPW-030616-ASBS-S01-Post	

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Untransformed	NA	C > T	NA	NA	2.31%	100	>100	NA	1

**Dunnett Multiple Comparison Test**

Control	vs C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control	25	-0.5418	2.227	0.329	8	0.8998	CDF	Non-Significant Effect
	50	-1.761	2.227	0.329	8	0.9943	CDF	Non-Significant Effect
	100	-1.49	2.227	0.329	8	0.9884	CDF	Non-Significant Effect

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	14.24	10 - NL	Yes	Passes Acceptability Criteria
PMSD	0.02309	NL - 0.2	No	Passes Acceptability Criteria

**ANOVA Table**

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.2200003	0.07333342	3	1.346	0.2949	Non-Significant Effect
Error	0.8720011	0.05450007	16			
Total	1.092001		19			

**Distributional Tests**

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	1.484	11.34	0.6859	Equal Variances
Variances	Mod Levene Equality of Variance	0.6582	5.953	0.5933	Equal Variances
Variances	Levene Equality of Variance	1.968	5.292	0.1595	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.9165	0.866	0.0847	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.1687	0.2235	0.1416	Normal Distribution
Distribution	D'Agostino Skewness	0.5537	2.576	0.5798	Normal Distribution
Distribution	D'Agostino Kurtosis	1.689	2.576	0.0913	Normal Distribution
Distribution	D'Agostino-Pearson K2 Omnibus	3.158	9.21	0.2062	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.7194	3.878	0.0604	Normal Distribution

**Mean Length Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	5	14.24	14.01	14.47	14.2	14	14.5	0.08124	1.28%	0.0%
25		5	14.32	13.95	14.69	14.5	14	14.6	0.1319	2.06%	-0.56%
50		5	14.5	14.28	14.72	14.6	14.2	14.6	0.07745	1.19%	-1.83%
100		5	14.46	14.14	14.78	14.5	14.2	14.8	0.1166	1.8%	-1.55%

**Mean Length Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	14	14.2	14.3	14.5	14.2
25		14	14.6	14.5	14.5	14
50		14.6	14.6	14.5	14.2	14.6
100		14.2	14.8	14.2	14.6	14.5



**CETIS Analytical Report**

Report Date: 13 May-16 10:53 (p 1 of 4)  
 Test Code: WST0316.052klp | 00-1704-6117

**Macrocyctis Germination and Germ Tube Growth Test**

Aquatic Bioassay & Consulting Labs, Inc.

<b>Analysis ID:</b> 02-6794-7528	<b>Endpoint:</b> Germination Rate	<b>CETIS Version:</b> CETISv1.8.7
<b>Analyzed:</b> 13 May-16 10:52	<b>Analysis:</b> Linear Interpolation (ICPIN)	<b>Official Results:</b> Yes
<b>Batch ID:</b> 21-3175-0769	<b>Test Type:</b> Growth-Germination	<b>Analyst:</b> Joe Freas
<b>Start Date:</b> 08 Mar-16 13:00	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Seawater
<b>Ending Date:</b> 10 Mar-16 13:00	<b>Species:</b> Macrocyctis pyrifera	<b>Brine:</b> Not Applicable
<b>Duration:</b> 48h	<b>Source:</b> Aquatic Bioassay Labs Collection	<b>Age:</b>
<b>Sample ID:</b> 18-8651-9264	<b>Code:</b> WST0316.052k	<b>Client:</b> Weston Solutions
<b>Sample Date:</b> 06 Mar-16	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS
<b>Receive Date:</b> 08 Mar-16 10:20	<b>Source:</b> Bioassay Report	
<b>Sample Age:</b> 61h (1 °C)	<b>Station:</b> LACDPW-030616-ASBS-S01-Post	

**Linear Interpolation Options**

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	1799585	280	Yes	Two-Point Interpolation

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.934	0.7 - NL	Yes	Passes Acceptability Criteria

**Point Estimates**

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	NA	NA
EC10	>100	N/A	N/A	<1	NA	NA
EC15	>100	N/A	N/A	<1	NA	NA
EC20	>100	N/A	N/A	<1	NA	NA
EC25	>100	N/A	N/A	<1	NA	NA
EC40	>100	N/A	N/A	<1	NA	NA
EC50	>100	N/A	N/A	<1	NA	NA

**Germination Rate Summary**

**Calculated Variate(A/B)**

C-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	%Effect	A	B
0	Negative Control	5	0.934	0.91	0.95	0.008124	0.01817	1.95%	0.0%	467	500
25		5	0.93	0.91	0.96	0.008944	0.02	2.15%	0.43%	465	500
50		5	0.926	0.9	0.95	0.009273	0.02074	2.24%	0.86%	463	500
100		5	0.93	0.91	0.97	0.01049	0.02345	2.52%	0.43%	465	500

**Germination Rate Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.92	0.91	0.95	0.94	0.95
25		0.92	0.91	0.96	0.94	0.92
50		0.91	0.9	0.93	0.95	0.94
100		0.92	0.93	0.91	0.97	0.92

**Germination Rate Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	92/100	91/100	95/100	94/100	95/100
25		92/100	91/100	96/100	94/100	92/100
50		91/100	90/100	93/100	95/100	94/100
100		92/100	93/100	91/100	97/100	92/100

### CETIS Analytical Report

Report Date: 13 May-16 10:53 (p 2 of 4)

Test Code: WST0316.052klp | 00-1704-6117

#### Macrocyctis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 02-6794-7528

Endpoint: Germination Rate

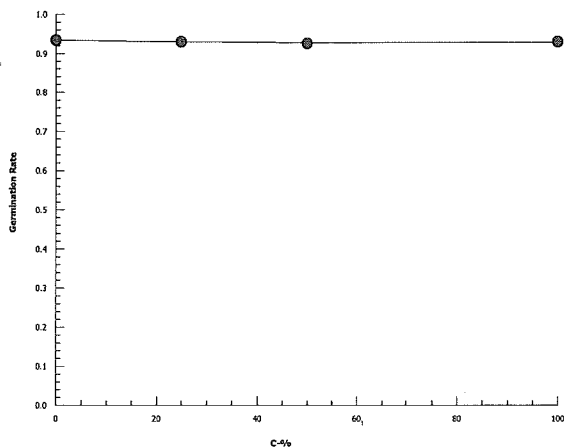
CETIS Version: CETISv1.8.7

Analyzed: 13 May-16 10:52

Analysis: Linear Interpolation (ICPIN)

Official Results: Yes

#### Graphics



/

**CETIS Analytical Report**

Report Date: 13 May-16 10:53 (p 3 of 4)

Test Code: WST0316.052klp | 00-1704-6117

**Macrocyctis Germination and Germ Tube Growth Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

<b>Analysis ID:</b> 09-5289-7306	<b>Endpoint:</b> Mean Length	<b>CETIS Version:</b> CETISv1.8.7
<b>Analyzed:</b> 13 May-16 10:52	<b>Analysis:</b> Linear Interpolation (ICPIN)	<b>Official Results:</b> Yes
<b>Batch ID:</b> 21-3175-0769	<b>Test Type:</b> Growth-Germination	<b>Analyst:</b> Joe Freas
<b>Start Date:</b> 08 Mar-16 13:00	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Seawater
<b>Ending Date:</b> 10 Mar-16 13:00	<b>Species:</b> Macrocyctis pyrifera	<b>Brine:</b> Not Applicable
<b>Duration:</b> 48h	<b>Source:</b> Aquatic Bioassay Labs Collection	<b>Age:</b>
<b>Sample ID:</b> 18-8651-9264	<b>Code:</b> WST0316.052k	<b>Client:</b> Weston Solutions
<b>Sample Date:</b> 06 Mar-16	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS
<b>Receive Date:</b> 08 Mar-16 10:20	<b>Source:</b> Bioassay Report	
<b>Sample Age:</b> 61h (1 °C)	<b>Station:</b> LACDPW-030616-ASBS-S01-Post	

**Linear Interpolation Options**

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	1354081	280	Yes	Two-Point Interpolation

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	14.24	10 - NL	Yes	Passes Acceptability Criteria

**Point Estimates**

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	>100	N/A	N/A	<1	NA	NA
IC10	>100	N/A	N/A	<1	NA	NA
IC15	>100	N/A	N/A	<1	NA	NA
IC20	>100	N/A	N/A	<1	NA	NA
IC25	>100	N/A	N/A	<1	NA	NA
IC40	>100	N/A	N/A	<1	NA	NA
IC50	>100	N/A	N/A	<1	NA	NA

**Mean Length Summary**

**Calculated Variate**

C-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	5	14.24	14	14.5	0.08124	0.1817	1.28%	0.0%
25		5	14.32	14	14.6	0.1319	0.295	2.06%	-0.56%
50		5	14.5	14.2	14.6	0.07745	0.1732	1.19%	-1.83%
100		5	14.46	14.2	14.8	0.1166	0.2608	1.8%	-1.55%

**Mean Length Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	14	14.2	14.3	14.5	14.2
25		14	14.6	14.5	14.5	14
50		14.6	14.6	14.5	14.2	14.6
100		14.2	14.8	14.2	14.6	14.5

### CETIS Analytical Report

Report Date: 13 May-16 10:53 (p 4 of 4)  
Test Code: WST0316.052klp | 00-1704-6117

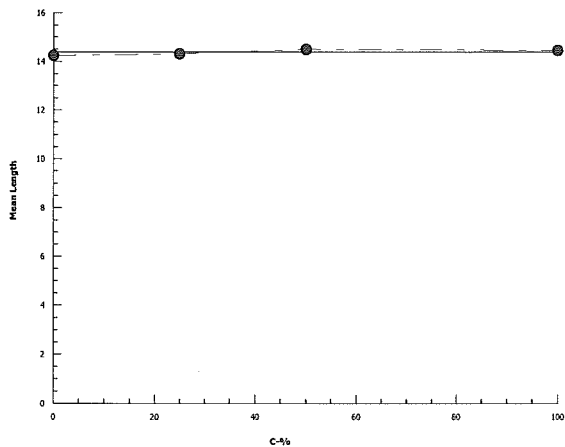
#### Macrocyctis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 09-5289-7306      Endpoint: Mean Length  
Analyzed: 13 May-16 10:52      Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.8.7  
Official Results: Yes

#### Graphics



**CETIS Measurement Report**

Report Date: 13 May-16 10:54 (p 1 of 2)  
 Test Code: WST0316.052k | 00-1704-6117

Macrocystis Germination and Germ Tube Growth Test				Aquatic Bioassay & Consulting Labs, Inc.			
Batch ID:	21-3175-0769	Test Type:	Growth-Germination	Analyst:	Joe Freas		
Start Date:	08 Mar-16 13:00	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Seawater		
Ending Date:	10 Mar-16 13:00	Species:	Macrocystis pyrifera	Brine:	Not Applicable		
Duration:	48h	Source:	Aquatic Bioassay Labs Collection	Age:			
Sample ID:	18-8651-9264	Code:	WST0316.052k	Client:	Weston Solutions		
Sample Date:	06 Mar-16	Material:	Sample Water	Project:	LACDPW MALIBU ASBS		
Receive Date:	08 Mar-16 10:20	Source:	Bioassay Report				
Sample Age:	61h (1 °C)	Station:	LACDPW-030616-ASBS-S01-Post				

**Dissolved Oxygen-mg/L**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	6.55	5.915	7.185	6.5	6.6	0.04999	0.0707	1.08%	0
25		2	6.55	2.103	11	6.2	6.9	0.35	0.495	7.56%	0
50		2	6.3	3.759	8.841	6.1	6.5	0.2	0.2828	4.49%	0
100		2	6.55	5.915	7.185	6.5	6.6	0.04999	0.0707	1.08%	0
Overall		8	6.488			6.1	6.9				0 (0%)

**pH-Units**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	7.9	7.884	7.916	7.9	7.9	0	0	0.0%	0
25		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
50		2	7.8	7.787	7.813	7.8	7.8	0	0	0.0%	0
100		2	7.7	7.698	7.702	7.7	7.7	0	0	0.0%	0
Overall		8	7.813			7.7	7.9				0 (0%)

**Salinity-ppt**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		8	34			34	34				0 (0%)

**Temperature-°C**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
25		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
50		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
100		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
Overall		8	14.85			14.8	14.9				0 (0%)



**CETIS Measurement Report**

Report Date: 13 May-16 10:54 (p 2 of 2)

Test Code: WST0316.052klp | 00-1704-6117

**Macrocystis Germination and Germ Tube Growth Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

**Dissolved Oxygen-mg/L**

C-%	Control Type	1	2
0	Negative Contr	6.6	6.5
25		6.9	6.2
50		6.5	6.1
100		6.6	6.5

**pH-Units**

C-%	Control Type	1	2
0	Negative Contr	7.9	7.9
25		7.9	7.8
50		7.8	7.8
100		7.7	7.7

**Salinity-ppt**

C-%	Control Type	1	2
0	Negative Contr	34	34
25		34	34
50		34	34
100		34	34

**Temperature-°C**

C-%	Control Type	1	2
0	Negative Contr	14.8	14.9
25		14.8	14.9
50		14.8	14.9
100		14.8	14.9



May 13, 2016

Mr. Dan McCoy  
Weston Solutions  
5817 Dryden Place  
Carlsbad, CA 92008

Dear Mr. McCoy:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA/R-95/136*. "The concentration-response was normal. Test was set at 38 hours holding time which is beyond the prescribed 36 hour hold but within 72 hours. Reference toxicant was within limits and all other test acceptability criteria was met. This is a valid test." Results were as follows:

CLIENT:	Weston Solutions
SAMPLE I.D.:	LACDPW-030616-ASBS-S01-Post
DATE RECEIVED:	3/8/2016
ABC LAB. NO.:	WST0316.052

#### CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC =	100.00 %
TUc =	1.00
EC25 =	>100.00 %
EC50 =	>100.00 %

Yours very truly,

R. Scott Johnson  
Laboratory Director

**CETIS Summary Report**

Report Date: 13 May-16 10:53 (p 1 of 1)

Test Code: WST0316.052urcf | 10-0824-7618

**Purple Sea Urchin Sperm Cell Fertilization Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

<b>Batch ID:</b> 01-7089-7442	<b>Test Type:</b> Fertilization	<b>Analyst:</b> Joe Freas
<b>Start Date:</b> 08 Mar-16 13:00	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Seawater
<b>Ending Date:</b> 08 Mar-16 13:40	<b>Species:</b> Strongylocentrotus purpuratus	<b>Brine:</b> Not Applicable
<b>Duration:</b> 40m	<b>Source:</b> David Gutoff	<b>Age:</b>
<b>Sample ID:</b> 00-2045-9441	<b>Code:</b> WST0316.052uf	<b>Client:</b> Weston Solutions
<b>Sample Date:</b> 06 Mar-16	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS
<b>Receive Date:</b> 08 Mar-16 10:20	<b>Source:</b> Bioassay Report	
<b>Sample Age:</b> 61h (1 °C)	<b>Station:</b> LACDPW-030616-ASBS-S01-Post	

**Comparison Summary**

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
16-1132-4759	Fertilization Rate	100	>100	NA	4.36%	1	Dunnett Multiple Comparison Test

**Point Estimate Summary**

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
17-4576-1071	Fertilization Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
EC50	>100	N/A	N/A	<1			

**Test Acceptability**

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
16-1132-4759	Fertilization Rate	Control Resp	0.92	0.7 - NL	Yes	Passes Acceptability Criteria
17-4576-1071	Fertilization Rate	Control Resp	0.92	0.7 - NL	Yes	Passes Acceptability Criteria
16-1132-4759	Fertilization Rate	PMSD	0.04361	NL - 0.25	No	Passes Acceptability Criteria

**Fertilization Rate Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	4	0.92	0.894	0.946	0.9	0.94	0.008165	0.01633	1.78%	0.0%
25		4	0.9475	0.9077	0.9873	0.92	0.98	0.0125	0.025	2.64%	-2.99%
50		4	0.9325	0.8972	0.9678	0.91	0.96	0.01109	0.02217	2.38%	-1.36%
100		4	0.95	0.937	0.963	0.94	0.96	0.004083	0.008165	0.86%	-3.26%

**Fertilization Rate Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9	0.92	0.94	0.92
25		0.94	0.98	0.95	0.92
50		0.94	0.96	0.92	0.91
100		0.95	0.95	0.94	0.96

**Fertilization Rate Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	90/100	92/100	94/100	92/100
25		94/100	98/100	95/100	92/100
50		94/100	96/100	92/100	91/100
100		95/100	95/100	94/100	96/100

**CETIS Analytical Report**

Report Date: 13 May-16 10:53 (p 1 of 2)  
 Test Code: WST0316.052urcf | 10-0824-7618

**Purple Sea Urchin Sperm Cell Fertilization Test**

**Aquatic Bioassay & Consulting Labs, Inc.**

<b>Analysis ID:</b> 16-1132-4759	<b>Endpoint:</b> Fertilization Rate	<b>CETIS Version:</b> CETISv1.8.7
<b>Analyzed:</b> 13 May-16 10:52	<b>Analysis:</b> Parametric-Control vs Treatments	<b>Official Results:</b> Yes
<b>Batch ID:</b> 01-7089-7442	<b>Test Type:</b> Fertilization	<b>Analyst:</b> Joe Freas
<b>Start Date:</b> 08 Mar-16 13:00	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Seawater
<b>Ending Date:</b> 08 Mar-16 13:40	<b>Species:</b> Strongylocentrotus purpuratus	<b>Brine:</b> Not Applicable
<b>Duration:</b> 40m	<b>Source:</b> David Gutoff	<b>Age:</b>
<b>Sample ID:</b> 00-2045-9441	<b>Code:</b> WST0316.052uf	<b>Client:</b> Weston Solutions
<b>Sample Date:</b> 06 Mar-16	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS
<b>Receive Date:</b> 08 Mar-16 10:20	<b>Source:</b> Bioassay Report	
<b>Sample Age:</b> 61h (1 °C)	<b>Station:</b> LACDPW-030616-ASBS-S01-Post	

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Angular (Corrected)	NA	C > T	NA	NA	4.36%	100	>100	NA	1

**Dunnett Multiple Comparison Test**

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		25	-2.02	2.287	0.068	6	0.9965	CDF	Non-Significant Effect
		50	-0.8586	2.287	0.068	6	0.9465	CDF	Non-Significant Effect
		100	-2.035	2.287	0.068	6	0.9966	CDF	Non-Significant Effect

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.92	0.7 - NL	Yes	Passes Acceptability Criteria
PMSD	0.04361	NL - 0.25	No	Passes Acceptability Criteria

**ANOVA Table**

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.01040986	0.003469953	3	1.949	0.1756	Non-Significant Effect
Error	0.0213615	0.001780125	12			
Total	0.03177136		15			

**Distributional Tests**

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Bartlett Equality of Variance	3.588	11.34	0.3095	Equal Variances
Variances	Mod Levene Equality of Variance	1.188	5.953	0.3557	Equal Variances
Variances	Levene Equality of Variance	1.287	5.953	0.3235	Equal Variances
Distribution	Shapiro-Wilk W Normality	0.9579	0.8408	0.6244	Normal Distribution
Distribution	Kolmogorov-Smirnov D	0.1886	0.2471	0.1340	Normal Distribution
Distribution	D'Agostino Skewness	1.162	2.576	0.2451	Normal Distribution
Distribution	Anderson-Darling A2 Normality	0.4024	3.878	0.3625	Normal Distribution

**Fertilization Rate Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	4	0.92	0.894	0.946	0.92	0.9	0.94	0.008165	1.78%	0.0%
25		4	0.9475	0.9077	0.9873	0.945	0.92	0.98	0.0125	2.64%	-2.99%
50		4	0.9325	0.8972	0.9678	0.93	0.91	0.96	0.01109	2.38%	-1.36%
100		4	0.95	0.937	0.963	0.95	0.94	0.96	0.004083	0.86%	-3.26%

**Angular (Corrected) Transformed Summary**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Contro	4	1.285	1.237	1.333	1.284	1.249	1.323	0.01518	2.36%	0.0%
25		4	1.345	1.248	1.443	1.334	1.284	1.429	0.03058	4.55%	-4.69%
50		4	1.311	1.238	1.384	1.304	1.266	1.369	0.02293	3.5%	-1.99%
100		4	1.346	1.316	1.376	1.345	1.323	1.369	0.009417	1.4%	-4.73%



**CETIS Analytical Report**

Report Date: 13 May-16 10:53 (p 1 of 2)  
 Test Code: WST0316.052urcf | 10-0824-7618

**Purple Sea Urchin Sperm Cell Fertilization Test** **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID: 17-4576-1071      Endpoint: Fertilization Rate      CETIS Version: CETISv1.8.7  
 Analyzed: 13 May-16 10:52      Analysis: Linear Interpolation (ICPIN)      Official Results: Yes

Batch ID: 01-7089-7442      Test Type: Fertilization      Analyst: Joe Freas  
 Start Date: 08 Mar-16 13:00      Protocol: EPA/600/R-95/136 (1995)      Diluent: Laboratory Seawater  
 Ending Date: 08 Mar-16 13:40      Species: Strongylocentrotus purpuratus      Brine: Not Applicable  
 Duration: 40m      Source: David Gutoff      Age:

Sample ID: 00-2045-9441      Code: WST0316.052uf      Client: Weston Solutions  
 Sample Date: 06 Mar-16      Material: Sample Water      Project: LACDPW MALIBU ASBS  
 Receive Date: 08 Mar-16 10:20      Source: Bioassay Report  
 Sample Age: 61h (1 °C)      Station: LACDPW-030616-ASBS-S01-Post

**Linear Interpolation Options**

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	0	280	Yes	Two-Point Interpolation

**Test Acceptability Criteria**

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.92	0.7 - NL	Yes	Passes Acceptability Criteria

**Point Estimates**

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	NA	NA
EC10	>100	N/A	N/A	<1	NA	NA
EC15	>100	N/A	N/A	<1	NA	NA
EC20	>100	N/A	N/A	<1	NA	NA
EC25	>100	N/A	N/A	<1	NA	NA
EC40	>100	N/A	N/A	<1	NA	NA
EC50	>100	N/A	N/A	<1	NA	NA

**Fertilization Rate Summary**

**Calculated Variate(A/B)**

C-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	%Effect	A	B
0	Negative Control	4	0.92	0.9	0.94	0.008165	0.01633	1.78%	0.0%	368	400
25		4	0.9475	0.92	0.98	0.0125	0.025	2.64%	-2.99%	379	400
50		4	0.9325	0.91	0.96	0.01109	0.02217	2.38%	-1.36%	373	400
100		4	0.95	0.94	0.96	0.004083	0.008165	0.86%	-3.26%	380	400

**Fertilization Rate Detail**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9	0.92	0.94	0.92
25		0.94	0.98	0.95	0.92
50		0.94	0.96	0.92	0.91
100		0.95	0.95	0.94	0.96

**Fertilization Rate Binomials**

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	90/100	92/100	94/100	92/100
25		94/100	98/100	95/100	92/100
50		94/100	96/100	92/100	91/100
100		95/100	95/100	94/100	96/100

### CETIS Analytical Report

Report Date: 13 May-16 10:53 (p 2 of 2)

Test Code: WST0316.052urcf | 10-0824-7618

#### Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 17-4576-1071

Endpoint: Fertilization Rate

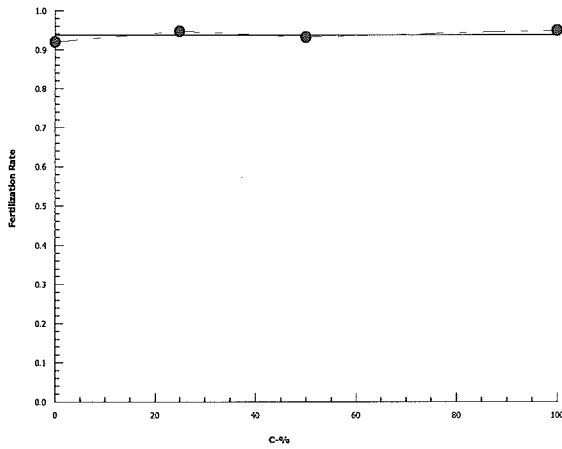
CETIS Version: CETISv1.8.7

Analyzed: 13 May-16 10:52

Analysis: Linear Interpolation (ICPIN)

Official Results: Yes

#### Graphics



**CETIS Measurement Report**

Report Date: 13 May-16 10:53 (p 1 of 2)  
 Test Code: WST0316.052urcf | 10-0824-7618

**Purple Sea Urchin Sperm Cell Fertilization Test** **Aquatic Bioassay & Consulting Labs, Inc.**

<b>Batch ID:</b> 01-7089-7442	<b>Test Type:</b> Fertilization	<b>Analyst:</b> Joe Freas
<b>Start Date:</b> 08 Mar-16 13:00	<b>Protocol:</b> EPA/600/R-95/136 (1995)	<b>Diluent:</b> Laboratory Seawater
<b>Ending Date:</b> 08 Mar-16 13:40	<b>Species:</b> Strongylocentrotus purpuratus	<b>Brine:</b> Not Applicable
<b>Duration:</b> 40m	<b>Source:</b> David Gutoff	<b>Age:</b>

<b>Sample ID:</b> 00-2045-9441	<b>Code:</b> WST0316.052uf	<b>Client:</b> Weston Solutions
<b>Sample Date:</b> 06 Mar-16	<b>Material:</b> Sample Water	<b>Project:</b> LACDPW MALIBU ASBS
<b>Receive Date:</b> 08 Mar-16 10:20	<b>Source:</b> Bioassay Report	
<b>Sample Age:</b> 61h (1 °C)	<b>Station:</b> LACDPW-030616-ASBS-S01-Post	

**Parameter Acceptability Criteria**

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	14.8	14.9	11 - 13	Yes	Results Above Limit

**Dissolved Oxygen-mg/L**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	6.7	5.429	7.971	6.6	6.8	0.09999	0.1414	2.11%	0
25		2	6.35	4.444	8.256	6.2	6.5	0.15	0.2121	3.34%	0
50		2	6.4	5.129	7.671	6.3	6.5	0.1	0.1414	2.21%	0
100		2	6.55	5.915	7.185	6.5	6.6	0.04999	0.0707	1.08%	0
Overall		8	6.5			6.2	6.8				0 (0%)

**pH-Units**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	7.9	7.884	7.916	7.9	7.9	0	0	0.0%	0
25		2	7.8	7.787	7.813	7.8	7.8	0	0	0.0%	0
50		2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
100		2	7.7	7.698	7.702	7.7	7.7	0	0	0.0%	0
Overall		8	7.788			7.7	7.9				0 (0%)

**Salinity-ppt**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		8	34			34	34				0 (0%)

**Temperature-°C**

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contro	2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
25		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
50		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
100		2	14.85	14.21	15.49	14.8	14.9	0.05004	0.07077	0.48%	0
Overall		8	14.85			14.8	14.9				0 (0%)







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**CHAIN OF CUSTODY**  
 33276  
 DATE 3/6/16 PAGE 1 OF 1

PROJECT NAME / SURVEY / PROJECT NUMBER		CONTAINER TYPE / VOLUME		ANALYSIS/TEST REQUESTED			FOR WESTON USE ONLY				
SITE ID (Location)	SAMPLE ID	DATE	TIME	MATRIX	TOTAL NUMBER OF CONTAINERS	TOX - BIVALENT	TOX - CHLORO	TOX - PCB	PRESERVED HOW	SAMPLE TEMP. (°C) UPON RECEIPT	WESTON LAB ID
ASBS-SOI	LACD9N-030616-ASBS-SOI-POST	3/6/16		S/LT	1	X	X	X	ICE		052
<p>Sample Matrix Codes: FW=fresh water GIW=ground water SLT=salt water SW=storm water WW=waste water          SED=sediment A=air BIO=biologic SS=soil T=tissue O=other (specify) _____          Container Code: G=glass P=plastic B=bags O=other _____          Shipped By: <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Client drop off <input type="checkbox"/> Other _____          Turnaround Time: <input type="checkbox"/> 2-day <input type="checkbox"/> 5-day <input type="checkbox"/> 7-day <input type="checkbox"/> 10-day <input checked="" type="checkbox"/> 14-day <input type="checkbox"/> Standard <input type="checkbox"/> Other _____          Reporting Requirements: <input checked="" type="checkbox"/> (PDF) <input checked="" type="checkbox"/> EDD <input type="checkbox"/> Hard Copy <input type="checkbox"/> Email <input checked="" type="checkbox"/> Other <u>CEPEN</u></p>											
<p>SAMPLED BY: PRINT DAN MCCOY SIGNATURE <i>[Signature]</i>          COMMENTS / SPECIAL INSTRUCTIONS 3 CONC FOR AL → (25,50,100%)</p>											
<p>RELINQUISHED BY: Signature <i>[Signature]</i> Firm WESTON Date/Time 3/7/16/09:00          RECEIVED BY: Signature <i>[Signature]</i> Firm ABC LABS Date/Time 7-8-16/12:00</p>											
<p>Print Name DAN MCCOY Date/Time 3/7/16/09:00 Firm WESTON          Print Name C. M. MANN Date/Time 7-8-16/12:00 Firm ABC LABS</p>											

WHITE - return to originator • YELLOW - lab • PINK - retained by originator

Please refer to the Los Angeles County Flood Control District's 2015-2016 Individual Annual Report for the 2013-2014 and 2015-2016 Malibu ASBS Monitoring Data in CEDEN format.