



# Total Maximum Daily Load Status Review Report

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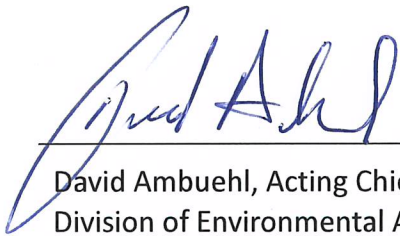
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October 1, 2016

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# Certification

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*September 28, 2016*

Date

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# 1 Introduction

The State Water Resources Control Board (State Water Board) adopted the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit for State of California Department of Transportation (Order WQ 2014-0077-DWQ)* (Caltrans NPDES Permit), published September 19, 2012, effective July 1, 2013, and revised on May 20, 2014. The State Water Board produced an updated “conformed” permit (Conformed NPDES Permit) on April 7, 2015. Caltrans NPDES Permit Attachment IV (TMDL Requirements), Section III.A.3.b, requires Caltrans to submit a Total Maximum Daily Load (TMDL) Status Review Report to the State Water Board each year. This annual report describes the status of control measures Caltrans implemented to achieve compliance units and comply with Caltrans NPDES Permit requirements within the prioritized reaches during the reporting period (July 1, 2015 – June 30, 2016).

This report complies with Provision E.4.b. Status Review Report in the Caltrans NPDES Permit, which states,

“The Department shall prepare a **TMDL STATUS REVIEW REPORT** to be submitted with each Annual Report. The TMDL Status Review Report shall include all information required in Attachment IV [of the Permit].

“Attachment IV of the Permit requires that the Department include the following information regarding implementation of control measures in the selected reaches for the upcoming reporting period in the **TMDL STATUS REVIEW REPORT**:

- Name of the waterbody,
- Associated TMDL(s),
- Proposed control measures,
- Proposed number of compliance units per control measure, and
- Projected schedule for installation of control measures with anticipated beginning and ending dates.”

The Regional Water Quality Control Boards (Regional Water Boards), State Water Board, and the United States Environmental Protection Agency (U.S. EPA) have assigned Caltrans as a stakeholder in 84 TMDLs. Each year, Caltrans is required to achieve a minimum of 1,650 compliance units (CUs). A CU is defined as either

1. One acre of stormwater runoff (including run-on) that is retained, treated or otherwise controlled before discharge to the relevant reach; or
2. \$88,000 in funding contributed to a cooperative implementation effort to control polluted runoff.

For treatment of one acre, the CU credit may be claimed once the project has entered the Planning Initiation Document (PID) phase. For funding contribution to a cooperative implementation effort, the CU is credited as early as when funding is transferred to the implementing agency.

To achieve compliance, Caltrans will implement stand-alone best management practice (BMP) retrofits, fish passage remediation, stakeholder cooperative implementation, the State Water

Board Grant Program, design pollution prevention BMPs, erosion control, monitoring program-related retrofits, post-construction treatment beyond Permit requirements, and other pollution reduction practices.

Attachment IV of the Permit also requires a discussion of previous years' activities in the TMDL Status Review Report, including:

- a. The status of implementation activities,
- b. The location of the control measures,
- c. The size and type of BMPs that were installed,
- d. The effectiveness of the BMPs installed, including any pertinent monitoring data (e.g., influent vs. effluent data),
- e. A summary update of any cooperative implementation agreements (see Attachment IV, section II.B.1), including those that are solely for each TMDL,
- f. A summary update of activities and/or actions that have been completed for any cooperative implementation agreement for each TMDL,
- g. A summary update of projects initiated under the cooperative implementation grant program (see Attachment IV, section II.B.2),
- h. A summary update of activities and/or actions that have been completed for any projects under the cooperative implementation grant program,
- i. A summary of institutional control measures implemented to comply with Attachment IV,
- j. A summary of TMDLs adopted during the past year where the Department is assigned a Waste Load Allocation (WLA) or the Department is identified as a responsible party in the implementation plan,
- k. A discussion, supported by data and analysis, of whether the Department considers work in the reach complete because it has met WLAs and other TMDL performance criteria.

## 2 Reach Prioritization for Pollutant Categories

Caltrans NPDES Permit Attachment IV, Section I, Part A, requires Caltrans to prioritize impaired reaches included in the 84 listed TMDLs for which Caltrans has been named a stakeholder. Caltrans conducted the prioritization for each pollutant category (metals, pathogens, sediment, trash, etc.) and each reach by evaluating the applicable receiving waters within the watershed. The initial analysis of the watersheds was based on the rating factors below identified within Table IV.1 of Caltrans NPDES Permit Attachment IV:

- Impairment status,
- Department’s drainage area contributing to reach,
- Proximity to receiving waters, and
- Community environmental health impact.

After completion of the initial reach prioritization, the list was submitted to the State Water Board. The State Water Board coordinated efforts between Caltrans and the Regional Water Boards, and the State Water Board Executive Director approved the Reach Prioritization on August 15, 2015. Some of the other factors that were considered to refine the list included:

- Cooperative efforts with other dischargers or projects within Areas of Special Biological Significance (ASBS),
- Multiple TMDLs addressed through a single BMP,
- TMDL deadlines specified in a Basin Plan,
- Regional Water Board and State Water Board priorities,
- Safety considerations, and
- Multi-benefit projects that contribute to water quality improvement.

The prioritized list of reaches includes 298 reaches within the 84 TMDLs. The Reach Prioritization list finalized by the State Water Board was used to determine the number of high, medium, or low priority reaches within each Regional Board as shown in Table 2-1 below.

**Table 2-1: Summary of Priority Reaches**

Regional Water Board	Reaches		
	High Priority	Medium Priority	Low Priority
1	0	44	67
2	13	14	8
3	0	7	1
4	63	12	13
5	13	2	1
6	0	5	0
7	0	1	0
8	9	7	1
9	2	8	7
<b>Total</b>	100	100	98

As noticed, Region 1 and Region 4 have the maximum number of TMDLs and thus have the highest number of reaches. Since Region 4 (Los Angeles Region) has the maximum number of high priority reaches, Caltrans will consider implementing and prioritizing projects within this Region to address the highly impaired waterbodies. Additionally, the implementation efforts will focus primarily on addressing the higher priority reaches (i.e., the top third reaches); however, Caltrans capital improvement projects are scoped and programmed five to ten years in advance. Future projects will consider based on the final prioritization list. Appendix A identifies the compliance units for a combination of completed and proposed projects within TMDL watersheds, the Regions, and Districts.

## 3 TMDL Monitoring Activities

### 3.1 Overview

As part of the Caltrans NPDES Permit requirements, Caltrans is required to conduct stormwater monitoring at a minimum of 100 Tier 1 and Tier 2 sites. The Conformed NPDES Permit defines Tier-1 sites as either Areas of Special Biological Significance (ASBS) or TMDL sites. Tier-2 sites are located outside of both ASBS and TMDL watersheds where further characterization monitoring may be of interest. Selection and monitoring of Tier-2 sites is only required when the number of Tier-1 sites being monitored falls below 100 sites.

For the 2015–2016 season, 104 Tier 1 sites were monitored to address Section E.2.c requirements. These sites consisted of:

- ASBS monitoring, 86 sites
- TMDL monitoring, 18 sites

The total number of Tier 1 sites exceeded the Conformed NPDES Permit minimum requirement of 100; therefore, no Tier 2 sites were monitored.

Caltrans conducted monitoring at 18 TMDL sites covering the following 15 TMDLs that are listed in Attachment IV of the NPDES Permit:

- Chollas Creek Diazinon TMDL
- Chollas Creek Dissolved Metals TMDL
- Coachella Valley Stormwater Channel Bacterial Indicator Monitoring TMDL
- Los Angeles River Metals TMDL
- Los Angeles River Watershed Bacteria TMDL
- Malibu Creek and Lagoon Bacteria TMDL
- Malibu Creek and Lagoon Sedimentation and Nutrients TMDL
- Rainbow Creek Total Nitrogen and Total Phosphorus TMDL
- Sacramento-San Joaquin River Delta Estuary Methyl Mercury TMDL
- San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn)
- San Diego Creek and Upper Newport Bay (Cadmium)
- San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))
- San Francisco Bay Area Urban Creeks Diazinon and Pesticides TMDL
- San Francisco Bay Mercury TMDL
- San Francisco Bay Polychlorinated Biphenyls (PCBs) TMDL

Specific details and results of monitoring activities can be found in the *Caltrans Monitoring Results Report Fiscal Year 2015-2016*.

Other water quality monitoring efforts included independently funded projects, as well as collaborative efforts with other stakeholders, such as municipalities, the SWRCB and RWQCBs, and stormwater quality researchers. For the 2015–16 season, cooperative agreements covered activities in approximately a dozen TMDL watersheds. Some of these cooperative agreements

include provisions to perform monitoring activities related to adopted TMDLs. Monitoring under cooperative agreements occurred within at least four TMDL watersheds and within multiple ASBS.

Caltrans has submitted a Comprehensive TMDL Monitoring Plan to the State Board, which is awaiting approval. The plan outlines proposed and in process cooperative monitoring efforts.

## **3.2 Pilot Projects and Other Studies in TMDL Watersheds**

### **3.2.1 District 11 Chollas Creek TMDL Monitoring**

As part of the BMP retrofit project in the Chollas Creek watershed, Caltrans installed four subsurface modular infiltration basins, one Austin sand filter, and three biofiltration swales to treat runoff from 25 acres of impervious highway surfaces. During the 2015-2016 rainy season, a vegetated bioswale and two of the modular infiltration basins were monitored to evaluate BMP effectiveness. One hundred percent of the runoff water quality volume for two storm events infiltrated at one modular infiltration basin. Effluent was sampled at the second infiltration basin (one event) and the vegetated bio-swale (three events). Diazinon results in the effluent were non-detect for all monitored events at the two sites. However, the analytical laboratory reporting limits were above acute and chronic TMDL numeric thresholds for several samples. None of the sites had results that were greater than acute and chronic TMDL numeric targets for dissolved copper, dissolved lead, and dissolved zinc during all monitored events. Toxicity was not observed at any site.

### **3.2.2 Tahoe Road Rapid Assessment Methodology Verification and Traction Sand Monitoring**

An evaluation of alternate traction abrasives in Lake Tahoe identified several locally available abrasives. A laboratory evaluation conducted during 2012-2013 demonstrated that these abrasives contained on average 86% lower fine particle concentrations. Water quality monitoring conducted during 2013-2014 indicated that stormwater fine loads were about 60% lower in areas where alternate abrasives are used.

During the 2015-2016 wet season, water quality monitoring commenced at two paired sites where different abrasives were applied. Only one successful event was monitored at each site. A number of sites were identified for conducting Road Rapid Assessment Methodology (RAM) verification observations and collecting samples of accumulated abrasives in areas where different types of traction sand are applied.

### **3.2.3 Tahoe Sand Vault Retrofit Pilot Study**

Operational testing of retrofitted double chamber sand vaults in Lake Tahoe evaluated the constructability, functionality, and maintainability of two different configurations. The retrofits incorporated features to increase residence time and allow infiltration through weep holes in the base of the vaults. Both vertical and horizontal flow retrofits operated as designed by providing sedimentation, filtration, and flow bypass during large runoff events. Infiltration monitoring at six locations for the 2014-15 season indicated high infiltration rates at all sites. Water quality monitoring commenced at two locations during the 2015-2016 wet season but

was limited by operational issues at both sites. Additional monitoring is planned for the 2016-2017 wet season.

### **3.2.4 District 3 Linear Filtration Pilot Study**

This study is located within the Sacramento-San Joaquin River Delta Estuary Methylmercury TMDL. Five low impact development principles based linear filters were installed to evaluate performance in terms of volume and load reduction. These included: (1) linear filtration trench, (2) linear infiltration trench, (3) media filter drain, (4) bioretention trench, and (5) linear sand filter. Caltrans conducted water quality monitoring at all five linear filters for two storms during the 2014-2015 wet season and five to six storms during the 2015-2016 wet season.

The bioretention trench experienced operational issues during the 2015-2016 wet season, and monitoring data for this filter is not considered representative. Preliminary evaluation of monitoring data from the remaining four linear filters for seven to eight storm events shows total suspended solids (TSS) load reduction of 77%-93% and methylmercury load reduction of 50% to 67%.

Based on the current data set, mean methylmercury concentrations in the influent ranged between 0.14 and 0.28 nanogram per liter (ng/L). The average effluent concentrations from these four BMPs ranged between 0.068 and 0.10 ng/L, which is less than the 0.13 ng/L value used to calculate the Sacramento Area Municipal Separate Storm Sewer System (MS4) WLA. Although preliminary, the data indicate that these BMPs are effective in reducing methylmercury concentrations to TMDL targets. Additional data will be collected to confirm this finding.

### **3.2.5 District 7 Linear Filtration Pilot Study**

This study is located within the Los Angeles River Metals and Bacteria TMDLs. Four low impact development principles based linear filters were installed to evaluate performance in terms of concentration, volume and load reduction. These included: (1) linear filtration trench, (2) media filter drain, (3) linear sand filter, and (4) linear sand filter with alternative sand. Caltrans conducted water quality monitoring at all four linear filters for five storms during the 2015-2016 wet season. The data collected are under evaluation, and a preliminary effectiveness assessment will be presented in next the (2016-2017) report.

### **3.2.6 D11 Rainbow Creek TMDL Monitoring Project**

The District 11 Rainbow Creek TMDL Monitoring Project consists of one (1) site. Five additional storms were monitored during the 2015-2016 wet season. Samples from this site did not meet the numeric receiving water quality objectives for total nitrogen and total phosphorus. A soil nutrient study was conducted to identify the source of nutrients.

### **3.2.7 District 8 Coachella Valley TMDL Monitoring Project**

Two additional sites were monitored for the Coachella Valley TMDL Project. Monitoring of the two District 8 Coachella Valley TMDL Monitoring sites continued during 2015-2016. No storm

events were successfully captured, because flow was not observed in the Coachella Valley Stormwater Channel.

### **3.2.8 State Route 73 Bioretention Study**

This study is located within the San Diego Creek TMDL. One bioretention basin, an Austin sand filter, and a gross solids removal device were monitored during 2015-2016. Monitoring is expected to continue during the 2016-2017 season.

### **3.2.9 San Francisco/Oakland Bay Bridge Bioretention Study**

Bioretention basin effluent at one location and highway runoff at two locations were monitored during 2015-2016 season. The bioretention basin final monitoring report was submitted to the Regional Water Board, and the basins were transferred to District Maintenance after approval.

### **3.2.10 Tahoe Austin Media Filter Pilot Study**

Monitoring was conducted during 2015-2016 to evaluate long-term operation and performance of three activated alumina media filters.



## 4 TMDL Compliance Measures

### 4.1 Overview

Caltrans is continuing its efforts to reduce pollutant discharges to receiving waters through ongoing compliance activities and by implementing a consistent statewide approach to address Caltrans NPDES Permit Attachment IV requirements for the named pollutants. To meet the TMDL and special requirements identified within Attachment IV, Caltrans has implemented a combination of strategies, including capital construction, improvement of current institutional practices, and participation in regional control efforts. In addition, Caltrans has maximized opportunities to incorporate treatment control devices as part of capital roadway improvement projects or standalone retrofit projects. Caltrans will continue its efforts to comply with the Permit requirements to address stormwater quality based on feasibility and the availability of funds. This section provides the various measures Caltrans has implemented to address the requirements of Attachment IV.

### 4.2 TMDL Implementation Activities

Each year, Caltrans implements activities to improve water quality, comply with Permit requirements, and achieve 1650 CUs. As previously noted, a CU is one acre of stormwater runoff (including run-on) that is retained, treated or otherwise controlled before discharge to the relevant reach, or \$88,000 in funding contributed to a cooperative implementation effort to control polluted runoff. Table 4-1 provides a brief summary of CU credit equivalence for all implemented measures.

**Table 4-1: Summary of Compliance Unit Credit Equivalence**

Post Construction Treatment BMPs*	1 acre treated = 1 CU
Municipal Coordination	1 acre treated = 1 CU or \$88,000 = 1 CU
Fish Passage Projects	1 acre treated = 1 CU or \$88,000 = 1 CU
Open/Gap-Graded Asphalt Pavements	1 acre treated = 1 CU
Slope Stabilization	1 acre treated = 1 CU
Public Education	10% annual CUs = 165 CUs

CU = compliance unit

\*Treatment beyond the minimum post-construction requirement

Additional descriptions of each of the credit methods and equivalencies are provided below.

### 4.3 Compliance Unit Estimation Methodology

#### 4.3.1 Treatment BMPs

Caltrans receives one CU for treating one acre of tributary drainage area for BMPs installed within Caltrans' right-of-way that were implemented within TMDL watersheds to improve stormwater quality. This may be either retrofit construction or BMP treatment beyond the minimum post-construction requirement.

Table 4-2 summarizes the compliance units that Caltrans is claiming through treatment BMPs for this reporting period (2015-2016) along with the accumulation of total units claimed in each District. Appendix A provides additional information about the TMDLs and reach based compliance units for all 84 Attachment IV listed TMDL watersheds.

**Table 4-2: Treatment BMP Compliance Unit Summary per District**

District	Compliance Units (FY 2015-2016)	Compliance Units Total*
1	0	23
2	0	0
3	29	29
4	108	107
5	0	0
6	0	0
7	942	1737
8	0	44
9	0	0
10	0	0
11	184	184
12	224	224
<b>Total</b>	<b>1,487</b>	<b>2,348</b>

\*Total includes Compliance Credits claimed for Fiscal Year 1 and Year 2.

Caltrans has initiated the process to program projects within the Stormwater Mitigation Element of the State Highway Operation and Protection Program (SHOPP) for implementation upon approval of the prioritized list of reaches within the TMDL watersheds. There are over 300 projects programmed in SHOPP as of June 2016, some of which are in the early planning stages of implementation; therefore, no compliance specific information is available at this time. As projects approach the design and construction phase where more accurate treatment information is available, they will be added to the compliance unit estimates in the upcoming fiscal years. The programming of these projects will focus on the highest priority reaches. The planned projects will be implemented based on feasibility and the availability of funds.

### 4.3.2 Municipal Coordination

The objective of Municipal Coordination is to enhance or establish communication, coordination, cooperation, and collaboration with other MS4 stormwater management agencies and their programs. This includes establishing agreements with municipalities, flood control departments, or districts as necessary or appropriate. Municipal coordination offers potential benefits to Caltrans in the form of cost-savings, economies of scale, or valuable trade-offs. Table 4-3 shows an example for each benefit.

**Table 4-3: Municipal Coordination Benefits and Examples**

Benefit	Example
Cost savings	The overall cost of a constructed BMP is shared.
Economies of scale	Treating a larger volume from both Caltrans and MS4 has a smaller per unit cost.
Trade-offs	Caltrans agrees to contribute funds, and a partner is responsible for maintenance.

One compliance credit is achieved for each \$88,000 in funds contributed towards coordinated implementation efforts.

Currently, Caltrans is partnering with Orange County Flood Control District (OCFCD), County of Orange, City of Irvine, City of Tustin, and IRWD in the Peters Canyon Wash Channel Water Capture and Reuse Pipeline Project. This project is a permanent long-term solution to address high nitrate and selenium concentrations in the groundwater that is pumped from under State Route 261.

Attachment IV requires Caltrans to cooperate with local stakeholders to implement initiatives within the Lake Elsinore and Canyon Lake TMDL to address water quality issues. Caltrans joined and continued to participate in the Task Force group to comply with these TMDL requirements. Since Caltrans is in compliance with the Lake Elsinore and Canyon Lake TMDL Attachment IV requirements within the Caltrans NPDES Permit, a compliance unit is claimed for each pervious acre within Lake Elsinore and Canyon Lake TMDL. There are approximately 615 acres of Caltrans pervious area within the Lake Elsinore and Canyon Lake TMDL, equating to 615 CUs for this watershed. Caltrans claimed 615 credits within this TMDL watershed during the last fiscal year (July 1, 2014 – June 30, 2015).

Table 4-4 shows Caltrans' ongoing municipal coordination efforts with other stakeholders to achieve compliance units in each District.

**Table 4-4: Municipal Coordination Compliance Unit Summary per District**

District	Compliance Units (FY 2015-2016)	Compliance Units Total
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	615
9	0	0
10	0	0
11	0	0
12	0	0
<b>Total</b>	0	615

### 4.3.3 Slope Stabilization Activities

For the road segments located in Category B (Sediment/Nutrient/Mercury/Siltation/Turbidity TMDL) watersheds and areas where there is a potential threat to water quality, slope stabilization activities will be prioritized for implementing appropriate controls to the maximum extent practicable based on available resources. Several slope stabilization projects have been implemented and programmed (PA/ED and PSE) within TMDL watersheds, and Caltrans has claimed one compliance credit for each acre treated. Appendix A provides the compliance unit list of slope stabilization projects within TMDL watersheds. Table 4-5 shows ongoing slope stabilization efforts to achieve TMDL compliance units in each District.

**Table 4-5: Slope Stabilization Activities Summary per District**

District	Compliance Units (FY 2015-2016)	Compliance Units Total
1	0	0
2	0	0
3	0	6
4	0	2
5	0	3
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
<b>Total</b>	0	11

### 4.3.4 Public Education

Caltrans collaborates with various organizations at both the state and local levels to educate the public about stormwater. The public education campaign focuses on educating and motivating the public to modify behavior regarding stormwater pollution. The campaign also focuses on communicating with commercial and industrial entities whose actions may contribute pollutants to Caltrans' MS4. Specific audiences, such as businesses, industry groups, community groups, and environmental groups are best reached using in-depth, targeted materials disseminated through newsletters, publications, and event-oriented printed materials. During the reporting period, Caltrans implemented "Protect Every Drop" public education campaign. Therefore, Caltrans is claiming 10% of the annual target or **165 compliance units** for implementing public education campaigns statewide to educate people and modify their behavior towards stormwater quality. Table 4-6 shows the credits claimed by Caltrans for 2015-2016, based on the ongoing public education efforts to achieve TMDL compliance statewide.

**Table 4-6: Public Education Activities Summary**

District	Compliance Units (FY 2015-2016)	Compliance Units Total
<b>Statewide</b>	165	330

### 4.3.5 Grant Program and Cooperative Implementation Agreement

Caltrans had planned to participate in the State Water Board mandated cooperative grant program to achieve compliance credits. The grant program intended to fund capital projects in impaired watersheds (outside Caltrans' right of way) in which Caltrans has been assigned a WLA or otherwise has responsibility for implementation of the TMDL. For this grant program, one compliance credit will be obtained for each \$88,000 that Caltrans contributed towards coordinated efforts to the State Water Board. Caltrans is continuing to work with the State Water Board to implement this program; however, as of October 2016, they program is not yet in place.

Although there have been no cooperative implementation with the State Board on the grant program, Caltrans is currently coordinating with other stakeholders to implement structural BMPs to address TMDL requirements. Compliance credits for this coordination may be claimed after funds contributed towards the implementation have been transferred. One compliance credit is achieved for each \$88,000 in funds contributed towards coordinated implementation efforts.

Table 4-7 lists the cooperative agreements that Caltrans are coordinating with the local MS4s. The listed projects implement storm water treatment structures within the TMDL watersheds listed in Attachment IV, and therefore achieve compliance unit credits. For this fiscal year, Caltrans has not claimed any compliance units as the agreements are still being finalized with the cities.

For future cooperative implementation agreements, the credit may be claimed when Caltrans transfers the funds to the implementing agency. Caltrans will continue collaborating with local municipalities for opportunities that will enhance water quality within TMDL watersheds.

**Table 4-7: Cooperative Agreements**

City	Associated TMDL	Project Description
City of Lakewood	Los Cerritos Metals and Harbor Toxics TMDL	Underground Infiltration/Retention Chambers
City of Lakewood	Los Cerritos Metals and Harbor Toxics TMDL	Underground Infiltration/Retention Chambers
City of Signal Hill	Los Cerritos Metals and Harbor Toxics TMDL	Underground Infiltration/Retention Chambers
City of Bellflower	Los Cerritos Metals TMDL and Harbor Toxics	Underground Infiltration/Retention Chambers
City of Long Beach	Los Angeles River Metals, Nitrogen, Trash, Harbor Toxics and Bacteria TMDLs.	Water Treatment facility
City of Carson	Machado Lake Trash, Nutrient and Pesticides and PCBs TMDL	Underground Infiltration/Retention Chambers

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## 5 TMDLs with Specific Implementation Requirements

Caltrans NPDES Permit Attachment IV contains seven TMDLs that require implementation that is site-specific and based on pollutant category. Caltrans will use several methods to address these TMDLs:

- Klamath River Nutrients TMDL
- Napa River Sediment TMDL
- Sonoma Creek Sediment TMDL
- Ballona Creek Trash TMDL
- Los Angeles River Trash TMDL
- Lake Tahoe Sediment and Nutrients TMDL
- Lake Elsinore and Canyon Lake Nutrients TMDL

### 5.1 Klamath River Nutrients TMDL

Caltrans will continue efforts to locate, assess, and remediate barriers to fish passage. As of this fiscal year, Caltrans has completed five fish passage remediation projects within this watershed. Approximately 10 other potential fish passage remediation locations have been identified for the Klamath River watershed, of which eight are priority and two are active. Caltrans plans to receive CU credits for these projects in the upcoming fiscal years. Appendix C provides the fish passage project locations within Klamath River watershed.

### 5.2 Napa River Sediment TMDL

Caltrans is required to comply with Pollutant Category Part B (Sediment, Nutrients, Mercury, Siltation, and Turbidity) and conduct analyses on stream crossings associated with Caltrans roadways. Caltrans has surveyed stream crossings and prioritized the projects to repair or replace the higher priority culverts and crossings. An initial analysis of the stream crossings data determined there are approximately 19 perennial and non-perennial crossings within the Napa River watershed. Section 7 of this report provides the factors considered for stream assessment and Appendix C provides the stream crossing locations.

### 5.3 Sonoma Creek Sediment TMDL

Caltrans is required to comply with Pollutant Category Part B (Sediment, Nutrients, Mercury, Siltation, and Turbidity) and conduct analyses on stream crossings associated with Caltrans roadways. Caltrans has surveyed stream crossings and prioritized the projects to repair or replace the higher priority culverts and crossings. An initial analysis of the stream crossing data determined there are approximately 56 perennial and non-perennial crossings within the Sonoma River watershed. Section 7 of this report provides the factors considered for stream assessment and Appendix C provides the stream crossing locations.

## 5.4 Ballona Creek Trash TMDL

Caltrans has approximately 53 centerline miles of highway within Ballona Creek watershed. Caltrans will continue its implementation measures to address the trash impairment in this watershed. Caltrans has employed several types of trash removal devices, including Gross Solids Removal Devices (GSRDs) and biofiltration swales. Caltrans has constructed 68 GSRDs, five media filters and three biofiltration swales in the Ballona Creek watershed, all of which are in operation. Caltrans has additional BMPs that are planned or in construction, which will reduce the amount of trash discharging into Ballona Creek. Caltrans also employs non-structural BMPs in the Ballona Creek Watershed, including sweeping, drain inlet cleaning, trash collection, storm drain stenciling, covered trash bins, public education, and public participation. Caltrans has increased the frequency of the Adopt-A-Highway program to treat beyond the minimum permit requirements. Caltrans will continue its efforts to implement public education campaigns in the watershed. Caltrans has engaged in municipal coordination by collaborating with the California Water Boards and California Stormwater Quality Association (CASQA) on the [Protect Every Drop](#) Stormwater Public Education Campaign. Caltrans will continue these implementation actions to address the WLAs of this TMDL.

## 5.5 Los Angeles River Trash TMDL

Caltrans has approximately 280 centerline miles of highway within the Los Angeles River watershed. Caltrans will continue implementing measures to address the trash impairment in the watershed. Caltrans has employed several types of trash removal devices for structural control, including GSRDs, infiltration devices, detention basins, and media/sand filters. Caltrans has constructed 181 GSRDs and over 50 other structural BMP (Sand Filters, Infiltration Basin, Biofiltration Swales, etc.) in the Los Angeles River watershed, all of which are in operation. Caltrans has several additional BMPs in construction that, once in operation, will significantly reduce the amount of trash discharging from the Caltrans drainage area.

Caltrans also employs non-structural BMPs in the Los Angeles River Watershed, including sweeping, drain inlet cleaning, trash collection, storm drain stenciling, covered trash bins, public education and public participation. Caltrans has increased the frequency of trash/litter cleanups associated with contractor litter pick-up and the Adopt-A-Highway program, which has reduced the amount of trash discharging from its drainage area. Caltrans will continue its efforts to implement public education campaigns in the watershed. Caltrans has engaged in municipal coordination by collaborating with the California Water Boards and California Stormwater Quality Association (CASQA) on the [Protect Every Drop](#) Stormwater Public Education Campaign.

## 5.6 Lake Elsinore and Canyon Lake Nutrients TMDL

As part of the implementation requirements, Caltrans is required to coordinate with other stakeholders for this TMDL in achieving compliance. Caltrans is an active member of the Lake Elsinore/Canyon Lake Nutrient TMDL Task Force and works with other stakeholders on implementation actions, monitoring activities and special studies. Caltrans will continue to actively participate in the Task Force under the Task Force Agreement. As identified in Section 4 of this report, it is estimated that there are approximately 615 acres of Caltrans pervious area within the Lakes watersheds.



Based on recent data, it was determined that through the cooperative implementation measures within Canyon Lake and Lake Elsinore, significant improvement is being made toward achieving assigned targets and meeting compliance. The Task Force group is currently redeveloping the TMDL through revisions of the numeric targets and waste load allocations for the receiving waterbody. Caltrans will continue its efforts to participate in the Task Force group for this TMDL.

## **5.7 Lake Tahoe Clarity TMDL**

The Caltrans NPDES Permit required Caltrans to prepare a Pollutant Load Reduction Plan (PLRP) detailing the Caltrans approach for meeting the first pollutant load reduction milestone specified by the Lake Tahoe TMDL. The major pollutant is fine sediment particles (FSP), defined as particles of sediment that are less than 16 microns in size. For detailed information regarding the PLRP, refer to the Lake Tahoe PLRP developed on July 15, 2014 by Caltrans for the Lahontan Regional Water Board and the State Water Board. Currently, over 400 traction sand traps have been installed in the Lake Tahoe watershed.

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## 6 San Francisco Bay Region Reporting

Caltrans continues to implement control measures to achieve compliance with Caltrans Statewide NPDES Permit Attachment IV; however, additional control measures are also considered within San Francisco Region to comply with Attachment V requirements. Attachment V, San Francisco Bay Region, states that Caltrans shall comply with the prohibition of the discharge of trash through implementation of control measures in high trash generating areas in the San Francisco Bay Region. Caltrans has completed an on-land visual assessment within the San Francisco Region to determine the trash generation rates for the highways and ramps. This was submitted to the San Francisco Regional Board on June 22, 2016 (Caltrans, 2016).

Trash reduction efforts within the San Francisco Bay Region include implementation of treatment control BMPs, institutional measures and partnership with local MS4 agencies including the Bay Area Stormwater Management Agencies Association (BASMAA). Table 6-1 lists additional control measures that Caltrans plans to implement to address the trash impairment within the region.

**Table 6-1: Additional Trash Control Measures Planned for Implementation**

<b>Control Measures</b>
<b>Source Control</b>
Public education and outreach programs
Street sweeping
Litter removal
Improved trash bin/container management
<b>Structural Control</b>
Storm drain cleaning
Full-capture treatment devices (e.g., GSRDs)
Infiltration basins
Media filters
Detention basins

Through the implementation of source control measures such as public education and outreach, Caltrans proactively generates awareness to help reduce trash from the region. Caltrans has expanded its “Protect Every Drop” campaign to raise awareness and reduce rates of littering and pollution within the State of California. Additional source control measures, such as street sweeping and litter removal (including Adopt-A-Highway), are ongoing, and its frequencies within high trash generating areas may be increased to keep trash out of the storm drains. Caltrans will also investigate the ability to redirect resources from the areas with low trash accumulation to those areas with higher trash accumulation.

Caltrans continues to implement structural treatment controls, including full trash capture devices, to address the trash impairment within the San Francisco Region. Caltrans currently has approximately 450 constructed treatment control measures within the San Francisco Bay watershed, including sand filters, biofiltration swales, biofiltration strips, infiltration trenches, detention devices, and bioretention basins/swales, which may qualify as full or partial trash

capture systems. Several structural BMPs treat the stormwater run-off from the high trash generation areas within the region. Specific locations of highway segments and ramps assessed for trash generation along with treatment BMPs within the region may be viewed at <http://tinyurl.com/sfbaytrash>.

Caltrans District 4 has currently programmed approximately 226 projects, of which 50 are within high and very high trash generation areas. Caltrans has recommended that these projects propose installation of full trash capture devices as the project phase moves from planning to design.

Caltrans is also actively coordinating with BASMAA and local MS4s to seek cooperative opportunities for addressing the trash impairment within the region. For example, Caltrans is partnering with the City of Oakland and County of San Mateo to implement a regional stormwater treatment system.

Caltrans will continue its trash reduction efforts within the San Francisco Bay Region through implementation of full capture structural controls, institutional controls, and cooperative agreements with local MS4s. Additional details are available in the Caltrans Trash Load Reduction Workplan for the San Francisco Bay Region (June 2016).

## 7 Summary of Adopted TMDLs not within Attachment IV

This section provides discusses TMDLs that were approved by the Regional Water Boards, State Water Board, and U.S. EPA after the final adoption of Attachment IV on May 20, 2014.

### 7.1 Los Peñasquitos Lagoon Sediment TMDL

Los Peñasquitos Lagoon was first listed in the Clean Water Act Section 303(d) list in 2010. The applicable 303(d) listed impairment within Los Peñasquitos Lagoon is sedimentation/siltation. This impairment required the development of a TMDL by the Regional Water Board. San Diego Regional Water Board initiated the development of a sediment TMDL by a third party stakeholder group. A technical report (released on December 14, 2010) was developed on behalf of the City of San Diego and U.S. EPA. Caltrans is listed as a responsible party in this TMDL and is assigned a WLA. The San Diego Regional Water Board approved this TMDL on June 13, 2011. The State Water Board further approved this TMDL on January 21, 2014, and the Office of Administrative Law (OAL) approved it on July 14, 2014, which is also the effective date of this TMDL. U.S. EPA approved the TMDL on October 30, 2014.

### 7.2 San Gabriel River, Estuary and Tributaries Indicator Bacteria TMDL

San Gabriel River, Estuary and its Tributaries was first listed for impairment of indicator bacteria in the Clean Water Act Section 303(d) list in 2010. Los Angeles Regional Water Board initiated the development of this TMDL and first released the draft staff report for this TMDL on April 3, 2015 for public review and comments. Furthermore, the TMDL report was revised and released on June 1, 2015, after which the Los Angeles Regional Water Board adopted it on June 10, 2015. Caltrans is listed as a responsible stakeholder for this TMDL and is assigned a WLA. The State Water Board approved this TMDL on November 17, 2015, the OAL approved it on April 14, 2016, and U.S. EPA approved it on June 14, 2016. This TMDL requires achievement of the bacteria objectives to meet the recreational water quality use within the waterbodies. The implementation schedule indicates that this TMDL should achieve full compliance with the wet weather allowable exceedances and numeric targets within 20 years of the effective date of the TMDL. The effective date of this TMDL is June 14, 2016; therefore, full compliance for the impaired waterbodies should be achieved by June 14, 2036.

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## 8 Napa River and Sonoma Creek Sediment TMDLs

Provided in this section is the *Caltrans Stream Crossing Desktop Survey for Napa River and Sonoma Creek*. There are 18 stream crossings along Sonoma Creek and 55 stream crossings along the Napa River.

### 8.1 Purpose of the Desktop Survey

The purpose of this survey is to establish an initial assessment of Caltrans owned or operated facilities located at stream crossings to the Napa River and Sonoma Creek. This is the first step Caltrans will take to comply with Attachment IV, Section 2 of the Caltrans NPDES Permit for the Napa River and Sonoma Creek Sediment TMDLs.

Attachment IV, Section 2 indicates that compliance shall be achieved by:

- a. Submitting a plan and schedule for conducting stream crossing surveys; and
- b. Submitting an implementation plan and schedule for repair and/or replacement of high priority crossings/culverts.

The objectives of this survey are to:

- Present the methodology used to assess crossings for prioritization of improvements in regard to their impact on the Napa River and Sonoma Creek Sediment TMDLs;

This survey will consider the results and findings of surveys from other Caltrans efforts to streamline this overall process.

#### 8.1.1 Background

The goals of the Napa River and Sonoma Creek Sediment TMDLs are focused on the conservation of native aquatic species and the enhancement of the aesthetic and recreational values of the waterbodies and their tributaries. The TMDLs identify the following three sources of waterway degradation and the decreasing fish population:

1. High concentrations of fine sediment deposited in the streambeds cause poor incubation conditions for fish eggs.
2. Channel incision, the progressive lowering of a streambed as a result of erosion, has increased, causing a reduction in the amount of riffles, gravel bars, side channels, and other natural areas that provide essential spawning habitats for native fish.
3. Low flows and stressful water temperatures due to the development of manmade structures have negatively impacted the migration rates of native fish.

The TMDLs further state that the overall contributing factor causing detrimental impacts to local fish populations is increased sediment delivery rates and loads. An overall reduction in sediment delivery has been enacted for each waterbody.

### 8.1.2 Caltrans Stream Crossings

Caltrans estimates that there are 18 stream crossings along Sonoma Creek and 55 stream crossings along the Napa River. Caltrans roadways that cross waterbodies in the Sonoma Creek Watershed include State Routes 12, 37, 116, and 121. Caltrans roadways that cross waterbodies in the Napa River Watershed include State Routes 12, 29, 37, 80, 121, 128, and 221. These crossings range from multilane bridges over the main reaches to small culverts along surrounding tributaries. Caltrans is not identified as a significant source for the contribution of increased sediment loads in these watersheds. The impact of Caltrans' crossings is likely minor when compared to the overall watershed affecting these TMDLs. However, per the Caltrans Permit requirements, all crossings must be inspected to determine if the stream crossings may be contributing to the sediment TMDL. Crossings that are undersized or not maintained may contribute to the loss of salmonid and aquatic habitat.

Stream crossings may pose a threat of increased erosion and deposition by constricting natural flow patterns of the waterway. As flow area is reduced, approach velocities can decrease, resulting in additional deposition on the upstream side of a crossing. The discharge may then pose a threat on the downstream side of the crossing. Due to the upstream deposition, the discharge may be sediment starved and may result in erosion or degradation of the downstream portion of the stream. Furthermore, as flow through these structures become impeded by natural debris and vegetation, the designed capacity decreases, thus increasing the rate of downstream erosion and amount of upstream sediment deposition. The goal of this survey is to determine if Caltrans stream crossings are allowing for the natural hydrologic and hydraulic function of the waterbodies.

## 8.2 Survey Methodology

The desktop survey consisted of reviewing historical records of the Caltrans crossings.

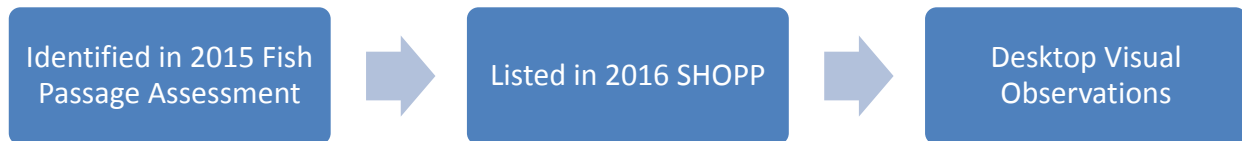
- **Aerial Imagery** – Google Earth was used to identify any major changes to the streams and surrounding areas at each crossing. Historical imagery was available from 1993 to 2015. The only changes noted in this analysis consisted of highway widening at several locations. No significant changes to streams were identified.
- **Street View** – Google Earth Street View was used to visually inspect each crossing and the surrounding areas. The imagery available from this point of view is limited for the structure itself; however, it provided data on the surrounding land use, condition and type of groundcover of the crossing slopes and channel bottom, and the steepness of the channel slopes.
- **Caltrans Stormwater Portal** – The Storm Drain System Inventory (SDSI) Map Tool was used to review data collected in 2007-2008 for Napa River watershed and rural portions of Sonoma Creek watershed and 2002 for the urban portions of Sonoma Creek watershed. On the location and condition of crossings. This resource proved to be limiting due to unavailable data for the majority of crossings. For crossings with data available, the general structural integrity of the crossing and surrounding stream conditions were identified via photographs.



- **2015 Coastal Anadromous Fish Passage Assessment and Remediation Progress Report** – This report was reviewed to determine the completed, active, and priority fish passage remediation for the Napa River and Sonoma Creek. It was determined that two crossings along the Napa River are listed as priority projects and one crossing remediation along the Napa River has been completed.
- **State Highway Operation and Protection Program (SHOPP)** – Crossings associated with projects listed on the 2016 SHOPP listing were identified. These crossings may be improved as part of upcoming projects.

### 8.3 Crossing Assessment

The following flowchart describes how crossings were assessed.



Crossings identified in either the 2015 Fish Passage Assessment or the 2016 SHOPP listing were identified as locations where implementation can begin sooner. The remaining crossings were assessed for an implementation schedule according to the follow desktop visual observations.

- **Type of flow** – Crossings experiencing perennial flows where rated higher than those with intermittent flows.
- **Size of watershed** – Crossings draining a larger watershed were rated higher.
- **Surrounding land use** – Agricultural areas and areas consisting primarily of sediment delivery potential where rate higher than residential/commercial areas.
- **Channel side slopes** – Channels with steeper side slopes were rated higher than channels with flatter side slopes.
- **Existing vegetation** – Areas with substantial vegetation were rated lower than areas consisting sparse vegetation.
- **Channel bottom** – When available, the material and condition of the channel bottom were considered. Areas where scour is present were rated higher.
- **Structural integrity** – When available, the structural integrity of the crossing was analyzed. Crossings that were blocked by debris or had visible structural damage were rated higher.

### 8.4 Conclusion

The tables provided in Appendix B summarize prioritizations of this desktop survey. Eight crossings along the Napa River and three crossings along Sonoma Creek were identified as high priority crossings. Projects to replace/repair crossings are currently scheduled for five locations. Following confirmation from the State Water Board on the Caltrans Stream Crossing Survey Workplan for Napa River and Sonoma Creek submitted in October 2015, a field assessment will be performed.

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## 9 Conclusion

Caltrans will continue to implement projects and other pollution reduction practices within the TMDL watersheds to achieve the compliance units as required in Attachment IV of the Caltrans NPDES Permit. Achieving the compliance units is dependent on Caltrans' budget allotted for the Stormwater Management Program and Caltrans' ability to program projects with its limited funding while balancing other legal mandates and priorities. The annual funding will determine the number of control measures, projects, and other pollution reduction practices that can be implemented. Caltrans will continue addressing Attachment IV requirements and allocate resources needed to comply with the requirements of the Caltrans NPDES Permit. Caltrans will also continue efforts to reduce pollutant discharges to receiving waters throughout the state through its ongoing compliance activities and by implementing a consistent statewide approach for the named pollutants.

### 9.1 Overall TMDL Compliance Achieved

During this reporting period, Caltrans is claiming compliance unit credits towards the 84 listed TMDLs when acres treated were beyond the post construction requirements or if BMPs were implemented to address stormwater quality. Several waterbodies have multiple pollutant impairments; therefore, for such cases, multiple compliance unit credits are claimed for each BMP capable of treating more than one of the listed pollutants. Table 8-1 summarizes the number of compliance units for 2015-2016 and the total compliance units claimed within a TMDL watershed.

**Table 9-1: TMDL Implementation Status**

Region	Impaired Water Body	Pollutant(s)	Compliance Units 2015-2016	Total Compliance Units Claimed*
1	Albion River	Sediment	0	0
1	Big River	Sediment	0	0
1	Lower Eel River	Temperature and Sediment	0	0
1	Middle Fork Eel River	Temperature and Sediment	0	0
1	South Fork Eel River	Temperature and Sediment	0	0
1	Upper Main Eel River and Tributaries (including Tomki Creek, Outlet Creek and Lake Pillsbury)	Temperature and Sediment	0	0
1	Garcia River	Sediment	0	0
1	Gualala River	Sediment	0	0
1	Klamath River in California	Temperature, Dissolved Oxygen, Nutrients, and Microcystin	0	11

Region	Impaired Water Body	Pollutant(s)	Compliance Units 2015-2016	Total Compliance Units Claimed*
1	Lost River	Nitrogen, Biochemical Oxygen Demand to address Dissolved Oxygen and pH Impairments	0	0
1	Mad River	Sediment and Turbidity	0	0
1	Navarro River	Sediment and Temperature	0	0
1	Noyo River	Sediment	0	0
1	Redwood Creek	Sediment	0	0
1	Scott River	Sediment and Temperature	0	0
1	Shasta River	Dissolved Oxygen and Temperature	0	0
1	Ten Mile River	Sediment	0	0
1	Trinity River	Sediment	0	11
1	South Fork Trinity River and Hayfork Creek	Sediment	0	0
1	Van Duzen River and Yager Creek	Sediment	0	0
2	Napa River	Sediment	6	6
2	Richardson Bay	Pathogens	0	0
2	San Francisco Bay	PCBs	36	36
2	San Francisco Bay	Mercury	36	38
2	San Pedro and Pacifica State Beach	Bacteria	0	0
2	Sonoma Creek	Sediment	0	0
2	San Francisco Bay Urban Creeks	Diazinon & Pesticide-Related Toxicity	30	30
3	San Lorenzo River (includes Carbonera Lompico, and Shingle Mill Creeks)	Sediment	0	3
3	Morro Bay (includes Chorro Creek, Los Osos Creek, and the Morro Bay Estuary)	Sediment	0	0
4	Ballona Creek	Metals (Ag, Cd, Cu, Pb, & Zn) and Selenium	18	21
4	Ballona Creek, Ballona Estuary, and Sepulveda Channel	Bacteria	18	21
4	Ballona Creek	Trash	18	180
4	Ballona Creek Estuary	Toxic Pollutants (Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	18	21
4	Ballona Creek Wetlands	Sediment and Invasive Exotic Vegetation	18	21

Region	Impaired Water Body	Pollutant(s)	Compliance Units 2015-2016	Total Compliance Units Claimed*
4	Calleguas Creeks it Tributaries and Mugu Lagoon	Metals and Selenium	60	77
4	Calleguas Creeks it Tributaries and Mugu Lagoon	Organochlorine Pesticides, Polychlorinated Biphenyls, and Siltation	60	77
4	Colorado Lagoon	OC Pesticides, PCBs, Sediment Toxicity, PAHs, and Metals (Pb & Zn)	0	0
4	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters	Toxic Pollutants: Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs	64	64
4	Los Angeles Area (Lake Sherwood)	Mercury	0	0
4	Legg Lake	Trash	0	0
4	Los Angeles Area (North, Center, & Legg Lakes)	Nitrogen & Phosphorus	0	0
4	Long Beach City Beaches and Los Angeles River Estuary	Indicator Bacteria	8	8
4	Los Angeles Area (Echo Park Lake)	Nitrogen, Phosphorus, Chlordane, Dieldrin, PCBs, & Trash	0	0
4	Los Angeles Area (Peck Road Park Lake)	Nitrogen, Phosphorus, Chlordane, DDT, Dieldrin, PCBs, and Trash	10	10
4	Los Angeles River and Tributaries	Metals	263	355
4	Los Angeles River	Trash	173	527
4	Los Angeles River Watershed	Bacteria	191	283
4	Los Cerritos	Metals	0	0
4	Machado Lake	Pesticides and PCBs	0	0
4	Machado Lake	Trash	0	0
4	Machado Lake	Eutrophic, Algae, Ammonia, and Odors (Nutrients)	0	0
4	Malibu Creek	Trash	0	0
4	Malibu Creek Watershed	Bacteria	0	10
4	Malibu Creek and Lagoon	Sedimentation and Nutrients to address Benthic Community Impairments	0	10
4	Marina del Rey Harbor	Toxic Pollutants (Cu, Pb, Zn, Chlordane, and Total PCBs)	0	0

Region	Impaired Water Body	Pollutant(s)	Compliance Units 2015-2016	Total Compliance Units Claimed*
4	Marina del Rey, Harbor Back Basins, & Mother's Beach	Bacteria	0	0
4	Los Angeles Area (Puddingstone Reservoir)	Nitrogen, Phosphorus, Chlordane, DDT, PCBs, Hg, and Dieldrin	0	0
4	Revolon Slough and Beardsley Wash	Trash	0	0
4	San Gabriel River	Metals (Cu, Pb, Zn) and Selenium	64	67
4	Santa Clara River Estuary and Reaches 3, 5, 6, and 7	Coliform	0	0
4	Santa Clara River Reach 3	Chloride	0	0
4	Santa Monica Bay Beaches	Bacteria	0	13
4	Santa Monica Bay	DDTs and PCBs	0	13
4	Santa Monica Bay Nearshore & Offshore	Debris (trash & plastic pellets)	0	0
4	Upper Santa Clara River	Chloride	0	0
4	Ventura River Estuary	Trash	0	0
4	Ventura River and its Tributaries	Algae, Eutrophic Conditions, and Nutrients	0	0
5	Clear Lake	Nutrients	0	0
5	Cache Creek, Bear Creek, Sulphur Creek and Harley Gulch	Mercury	0	0
5	Sacramento-San Joaquin River Delta Estuary	Methyl mercury	0	0
6	Lake Tahoe	Sediment and Nutrients	29	35
6	Truckee River	Sediment	0	0
7	Coachella Valley Storm Water Channel	Bacterial Indicators	0	0
8	Big Bear Lake	Nutrients for Dry Hydrological Conditions	0	0
8	Lake Elsinore and Canyon Lake	Nutrients	0	659
8	Rhine Channel Area of Lower Newport Bay	Chromium and Mercury	0	0
8	San Diego Creek and Newport Bay, including Rhine Channel	Metals (Copper, Lead, & Zinc)	42	42
8	San Diego Creek and Upper Newport Bay	Cadmium	42	42
8	San Diego Creek Watershed	Organochlorine Compounds (DDT, Chlordane, PCBs, & Toxaphene)	42	42

Region	Impaired Water Body	Pollutant(s)	Compliance Units 2015-2016	Total Compliance Units Claimed*
8	Upper & Lower Newport Bay	Organochlorine Compounds (DDT, Chlordane, & PCBs)	0	0
9	Chollas Creek	Diazinon	43	43
9	Chollas Creek	Dissolved Copper, Lead and Zinc	43	43
9	Rainbow Creek	Total Nitrogen and Total Phosphorus	0	0
9	Project 1- Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek)	Indicator Bacteria	155	155
All	Statewide (Public Education)		165	330
<b>Total</b>			1,652	3,304

\*Total includes Compliance Credits claimed for Fiscal Year 1 and Year 2.

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## 10 References

- SWRCB. (2012, September 19). *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Waste Discharge Requirements (WDRS) for State of California Department of Transportation*. Order No. 2012-0011-DWQ, NPDES No. CAS000003. Retrieved from [http://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2012/wqo\\_2012\\_0011\\_dwq.pdf](http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2012/wqo_2012_0011_dwq.pdf)
- Caltrans. (2014, July 15). *Caltrans Lake Tahoe Pollutant Load Reduction Plan*.
- Caltrans. (2016, June 22). *Caltrans Trash Load Reduction Workplan for the San Francisco Bay Region*. CTSW-RT-15-316.15.1D.

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# Appendix A – Compliance Units for Completed and Proposed Projects within TMDL Watersheds

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Caltrans TMDL Compliance Unit Credit Tracking System

Reporting Period: 2013-Present

Last Updated: Sept 15, 2016

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL				Implementation Reach				BMP(s) Location & Type						Compliance Units (CUs)						Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed		
								RB	Pollutant Category	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs											
												Total Maximum Daily Load														Beg PM	End PM								Lat. (N)	Long. (W)
												Reach #	Final State Board Reach Priority #	Beg PM	End PM																					
<b>COMPLIANCE YEAR 1 (July 2013 - June 2015)</b>																																				
08LESJWA	The Lake Elsinore and Canyon Lake TMDL Task Force	Yes	RIV	8	N/A	N/A	615.00	8	B	All	N/A	N/A	N/A					Cooperative Implementation	Completed	\$	54,206		615.00		7/6/2005		0.00	0.62	615.62	615.0	N/A	N/A	N/A	N/A	2014-2015	
Public Education	Public Education	Yes	All	All	All	N/A	165.00	All	N/A	Statewide	N/A	N/A	N/A					Public Education	Ongoing			165.00				0.00	0.00	165.00	165.0	N/A	N/A	N/A	N/A	2014-2015		
1A73U4	Active Construction Sites - Hydroseeding	Yes	ED	3		N/A	1.47	6	N/A	Lake Tahoe (Sediment and Nutrients)	2	164	240	77.3	79.3			Slope Stabilization	Ongoing			1.47				0.00	0.00	1.47	1.5	N/A	N/A	N/A	N/A	2014-2015		
1A73U4	Active Construction Sites - Hydroseeding	Yes	ED	3		N/A		6	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	77.3	79.3			Slope Stabilization	Ongoing			0.00				0.00	0.00	0.00	0.0	N/A	N/A	N/A	N/A	2014-2015		
1A8424	Active Construction Sites - Hydroseeding	Yes	ED	3		N/A	4.40	6	N/A	Lake Tahoe (Sediment and Nutrients)	2	164	240	8.6	13.8			Slope Stabilization	Ongoing			4.40				0.00	0.00	4.40	4.4	N/A	N/A	N/A	N/A	2014-2015		
1A8424	Active Construction Sites - Hydroseeding	Yes	ED	3		N/A		6	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	8.6	13.8			Slope Stabilization	Ongoing			0.00				0.00	0.00	0.00	0.0	N/A	N/A	N/A	N/A	2014-2015		
4A8104	Active Construction Sites - Hydroseeding	Yes	ALA	4		N/A	2.13	2	B	San Francisco Bay (Mercury)	3	192	281	32.9	33.9			Slope Stabilization	Ongoing			2.13				0.00	0.00	2.13	2.1	N/A	N/A	N/A	N/A	2014-2015		
0Q5901	Storm Water Mitigation (Source Control)	Yes	SCR	5	9	N/A	0.10	3	B	San Lorenzo River (includes Carbonera, Lompico, and Shingle Mill Creeks) (Sediment)	3	159	235	3.76	3.76	37.022247	-122.06132	Slope Stabilization	PS&E		5/4/2014	0.10	2/4/2015			0.00	0.00	0.10	0.1	N/A	N/A	N/A	N/A	2014-2015		
0Q5901	Storm Water Mitigation (Source Control)	Yes	SCR	5	9	N/A		3	B	San Lorenzo River (includes Carbonera, Lompico, and Shingle Mill Creeks) (Sediment)	3	159	235	10.72	10.72	37.101098	-122.102177	Slope Stabilization	PS&E		5/4/2014	0.00	2/4/2015			0.00	0.00	0.00	0.0	N/A	N/A	N/A	N/A	2014-2015		
0Q5901	Storm Water Mitigation (Source Control)	Yes	SCR	5	9	N/A		3	B	San Lorenzo River (includes Carbonera, Lompico, and Shingle Mill Creeks) (Sediment)	3	159	235	12.22	12.22	37.113396	-122.118309	Slope Stabilization	PS&E		5/4/2014	0.00	2/4/2015			0.00	0.00	0.00	0.0	N/A	N/A	N/A	N/A	2014-2015		
0Q5901	Storm Water Mitigation (Source Control)	Yes	SCR	5	9	N/A		3	B	San Lorenzo River (includes Carbonera, Lompico, and Shingle Mill Creeks) (Sediment)	4	161	237	18.71	18.71	37.209147	-122.146925	Slope Stabilization	PS&E		5/4/2014	0.00	2/4/2015			0.00	0.00	0.00	0.0	N/A	N/A	N/A	N/A	2014-2015		
0Q6000	Mandates for TMDL Compliance	Yes	SCR	5	17	N/A	2.50	3	B	San Lorenzo River (includes Carbonera, Lompico, and Shingle Mill Creeks) (Sediment)	2	154	230	1.35	1.35	37.008358	-122.021494	Slope Stabilization	PA/ED		8/1/2016	2.50	8/8/2017			0.00	0.00	2.50	2.5	N/A	N/A	N/A	N/A	2014-2015		
0A3201	Curve Improvement(BIOS)	No	HUM	1	299	0.60	11.68	1	B and H	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	3	248	332	30.62	30.62	40.90612	-123.75162	Biofiltration Swale	PS&E		8/17/2015	11.08	8/12/2016			0.00	0.00	11.08	11.7	N/A	NA	Yes	0.20	2014-2015		
0A3201	Curve Improvement(BIOS)	No	HUM	1	299	0.60	11.68	1	B	Trinity River (Sediment)	2	120	196	30.62	30.62	40.90612	-123.75162	Biofiltration Swale	PS&E		8/17/2015	11.08	8/12/2016			0.00	0.00	11.08	11.7	N/A	NA	Yes	0.20	2014-2015		
01-0A5201	Lupton Creek Curve Improvement(BIOS)	No	HUM	1	299	0.38	1.02	1	B	Redwood Creek (Sediment)	2	132	208	21.263	21.263	40.90527778	-123.8279667	Biofiltration Swale	PA/ED-PS&E		6/15/2015	0.64	5/15/2016			0.00	0.00	0.64	1.0	N/A	1.88	Yes	0.93	2014-2015		
488601	Install Roundabout BIOS #1	No	LAK	1	20	0.19		5	B	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	8	93	160	8.1	8.1	39.16475	-122.92471	Biofiltration Strip	PS&E		7/1/2014	0.00	8/1/2015			0.00	0.00	0.00	0.0	NA	3.70	Yes	2.00	2014-2015		
488601	Install Roundabout BIOS #1	No	LAK	1	20	0.19		5	B	Clear Lake (Nutrients)	3	36	80	8.1	8.1	39.16475	-122.92471	Biofiltration Strip	PS&E		7/1/2014	0.00	8/1/2015			0.00	0.00	0.00	0.0	NA	3.70	Yes	2.00	2014-2015		
488601	Install Roundabout BIOS #2	No	LAK	1	29	0.19	0.20	5	B	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	8	93	160	52.38	52.38	39.16122	-122.92076	Biofiltration Strip	PS&E		7/1/2014	0.01	8/1/2015			0.00	0.00	0.01	0.2	NA	3.70	Yes	2.00	2014-2015		
488601	Install Roundabout BIOS #2	No	LAK	1	29	0.19	0.20	5	B	Clear Lake (Nutrients)	3	36	80	52.38	52.38	39.16122	-122.92076	Biofiltration Strip	PS&E		7/1/2014	0.01	8/1/2015			0.00	0.00	0.01	0.2	NA	3.70	Yes	2.00	2014-2015		
488601	Install Roundabout BIOS #3	No	LAK	1	29	0.19		5	B	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	8	93	160	52.44	52.44	39.16205	-122.92076	Biofiltration Strip	PS&E		7/1/2014	0.00	8/1/2015			0.00	0.00	0.00	0.0	NA	3.70	Yes	2.00	2014-2015		
488601	Install Roundabout BIOS #3	No	LAK	1	29	0.19		5	B	Clear Lake (Nutrients)	3	36	80	52.44	52.44	39.16205	-122.92076	Biofiltration Strip	PS&E		7/1/2014	0.00	8/1/2015			0.00	0.00	0.00	0.0	NA	3.70	Yes	2.00	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 1A)	No	RIV	8	15	20.30	4.77	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	18.753	18.753	33.657432	-117.294632	Biofiltration Swale	PA/ED		3/1/2013	22.81	11/30/2014			0.00	0.00	22.81	4.8	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 2A)	No	RIV	8	15		1.20	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	19.049	19.049	33.66067	-117.297763	Biofiltration Swale	PA/ED		3/1/2013		11/30/2014			0.00	0.00		1.2	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 1B)	No	RIV	8	15		3.38	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	18.571	18.571	33.655142	-117.293025	Biofiltration Swale	PA/ED		3/1/2013		11/30/2014			0.00	0.00		3.4	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 2B)	No	RIV	8	15		1.34	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	19.004	19.004	33.660091	-117.297389	Biofiltration Swale	PA/ED		3/1/2013		11/30/2014			0.00	0.00		1.3	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 3)	No	RIV	8	15		1.30	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	19.1	19.1	33.661252	-117.298291	Biofiltration Swale	PA/ED		3/1/2013		11/30/2014			0.00	0.00		1.3	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 4)	No	RIV	8	15		2.35	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	19.24	19.24	33.662761	-117.29991	Biofiltration Swale	PA/ED		3/1/2013		11/30/2014			0.00	0.00		2.4	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 5)	No	RIV	8	15		3.34	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	19.661	19.661	33.667038	-117.305291	Biofiltration Swale	PA/ED		3/1/2013		11/30/2014			0.00	0.00		3.3	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 6)	No	RIV	8	15		0.92	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	19.972	19.972	33.669807	-117.309565	Biofiltration Swale	PA/ED		3/1/2013		11/30/2014			0.00	0.00		0.9	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 7)	No	RIV	8	15		1.08	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	20.147	20.147	33.671129	-117.312106	Biofiltration Swale	PA/ED		3/1/2013		11/30/2014			0.00	0.00		1.1	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 8)	No	RIV	8	15		1.09	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	18.686	18.686	33.657083	-117.293478	Biofiltration Swale	PA/ED		3/1/2013		11/30/2014			0.00	0.00		1.1	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 12)	No	RIV	8	15		1.54	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	20.296	20.296	33.672837	-117.313907	Biofiltration Swale	PA/ED		3/1/2013		11/30/2014			0.00	0.00		1.5	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 14)	No	RIV	8	15		0.70	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	18.918	18.918	33.65922	-117.296399	Infiltration Basin	PA/ED		3/1/2013		11/30/2014			0.00	0.00		0.7	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 15)	No	RIV	8	15		1.38	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	18.942	18.942	33.658923	-117.297267	Infiltration Basin	PA/ED		3/1/2013		11/30/2014			0.00	0.00		1.4	N/A	NA	Yes	NA	2014-2015		
0A440	I-15 Reconstruct IC and New IC (BMP 16)	No	RIV	8	15		1.95	8	B	Lake Elsinore and Canyon Lake (Nutrients)	1	171	248	19.05	19.05	33.66131	-117.297212	Infiltration Basin	PA/ED		3/1/2013		11/30/2014			0.00	0.00		2							

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed					
								RB	Pollutant Category	Reach #	Final State Board Reach Priority #	Total Maximum Daily Load				BMP Locations		BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date								BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs		
												Beg PM	End PM	Lat. (N)	Long. (W)	Beg PM	End PM																			
												Lat. (N)	Long. (W)	Lat. (N)	Long. (W)																					
0F1620	I-215 Widening (Sta 548+50-556+71 RT shoulder)	No	RIV	8	215	0.76	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	18.481	18.481	33.693518	-117.176097	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		0.8	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 549+65-550+29 LT shoulder)	No	RIV	8	215	0.13	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	18.776	18.776	33.692697	-117.176268	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		0.1	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 552+50-553+13 LT shoulder)	No	RIV	8	215	0.13	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	18.825	18.825	33.693325	-117.176685	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		0.1	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 556+71-560+74 RT shoulder)	No	RIV	8	215	0.25	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	18.606	18.606	33.695077	-117.171717	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		0.3	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 560+45-561+08 LT shoulder)	No	RIV	8	215	0.11	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	18.983	18.983	33.695364	-117.177396	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		0.1	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 565+45-566+04 LT shoulder)	No	RIV	8	215	0.10	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	19.069	19.069	33.696422	-117.178743	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		0.1	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 577+58-578+29 LT shoulder)	No	RIV	8	215	0.15	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	19.323	19.323	33.699696	-117.180655	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		0.2	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 583+36-583+95 RT shoulder)	No	RIV	8	215	0.06	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	19.073	19.073	33.701078	-117.180991	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		0.1	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 585+66-586+22 LT shoulder)	No	RIV	8	215	0.12	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	19.454	19.454	33.701362	-117.181952	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		0.1	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 601+74-602+00 RT shoulder)	No	RIV	8	215	1.72	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	19.49	19.49	33.706289	-117.184576	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		1.7	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 602+16-610+05 LT shoulder)	No	RIV	8	215	1.25	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	19.854	19.854	33.706309	-117.185511	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		1.3	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 610+47-637+34 RT shoulder)	No	RIV	8	215	3.51	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	19.859	19.859	33.710946	-117.187592	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		3.5	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 610+58-629+32 LT shoulder)	No	RIV	8	215	1.49	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	20.147	20.147	33.710075	-117.187971	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		1.5	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 630+29-639+70 RT infield)	No	RIV	8	215	2.70	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	20.049	20.049	33.713649	-117.188373	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		2.7	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 632+07-640+31 LT infield)	No	RIV	8	215	1.93	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	20.423	20.423	33.714103	-117.18952	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		1.9	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 642+25-648+42 LT infield)	No	RIV	8	215	1.37	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	20.543	20.543	33.715975	-117.18967	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		1.4	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 642+32-649+31 RT infield)	No	RIV	8	215	1.04	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	20.213	20.213	33.716069	-117.188504	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		1.0	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 656+96-690+02 RT shoulder)	No	RIV	8	215	2.32	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	20.751	20.751	33.724231	-117.189905	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		2.3	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 657+41-690+35 LT shoulder)	No	RIV	8	215	2.35	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	21.028	21.028	33.723387	-117.189481	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		2.4	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 693+04-702+45 RT shoulder)	No	RIV	8	215	0.65	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	21.153	21.153	33.730317	-117.188962	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		0.7	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 707+22-714+81 LT shoulder)	No	RIV	8	215	0.54	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	21.742	21.742	33.734286	-117.189619	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		0.5	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 708+45-714+89 RT shoulder)	No	RIV	8	215	0.46	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	21.425	21.425	33.734448	-117.188984	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		0.5	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 771+17-776+35 LT shoulder)	No	RIV	8	215	0.82	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	22.902	22.902	33.752018	-117.189575	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		0.8	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 786+39-790+03 RT infield)	No	RIV	8	215	1.18	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	22.819	22.819	33.755604	-117.188779	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		1.2	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 786+39-794+49 LT infield)	No	RIV	8	215	2.45	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	23.173	23.173	33.756185	-117.190188	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		2.5	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 930+69-933+18 LT infield)	No	RIV	8	215	1.01	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	25.933	25.933	33.784015	-117.216759	Biofiltration Swale	PA/ED		9/1/2012							0.00	0.00		1.0	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 930+78-934+03 RT infield)	No	RIV	8	215	0.66	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	25.679	25.679	33.784689	-117.216168	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		0.7	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 944+42-963+06 LT shoulder)	No	RIV	8	215	0.80	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	26.461	26.461	33.788518	-117.22345	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		0.8	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 947+45-960+39 RT shoulder)	No	RIV	8	215	0.42	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	26.176	26.176	33.788706	-117.223202	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		0.4	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 980+20-983+91 RT infield)	No	RIV	8	215	0.43	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	26.66	26.66	33.792968	-117.229093	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		0.4	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 986+13-998+99 RT shoulder)	No	RIV	8	215	0.53	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	26.882	26.882	33.795945	-117.230603	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		0.5	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 99+39-43+59 LT shoulder)	No	RIV	8	215	0.97	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	27.549	27.549	33.801356	-117.233283	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		1.0	N/A	180.5	Yes	NA	2014-2015	
0F1620	I-215 Widening (Sta 41+84-47+70 LT infield)	No	RIV	8	215	0.61	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	27.57	27.57	33.801733	-117.232911	Biofiltration Strip	PA/ED		9/1/2012							0.00	0.00		0.6	N/A	180.5	Yes	NA	2014-2015	
0J4400	I-215 Newport Road Interchange Improvement (#1)	No	RIV	8	215	5.60	13.60	8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	17.877	17.877	33.680417	-117.171218	Biofiltration Swale	PA/ED		7/1/2013	8.00						0.00	0.00	8.00	13.6	N/A	29.9	Yes	NA	2014-2015
0J4400	I-215 Newport Road Interchange Improvement (#2)	No	RIV	8	215			8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	18.148	18.148	33.684277	-117.172422	Biofiltration Swale	PA/ED		7/1/2013							0.00	0.00		0.0	N/A	29.9	Yes	NA	2014-2015
0J4400	I-215 Newport Road Interchange Improvement (#3)	No	RIV	8	215			8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	18.143	18.143	33.68436	-117.171713	Biofiltration Swale	PA/ED		7/1/2013							0.00	0.00		0.0	N/A	29.9	Yes	NA	2014-2015
0J4400	I-215 Newport Road Interchange Improvement (#4)	No	RIV	8	215			8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	18.123	18.123	33.683935	-117.17222	Biofiltration Swale	PA/ED		7/1/2013							0.00	0.00		0.0	N/A	29.9	Yes	NA	2014-2015
0J4400	I-215 Newport Road Interchange Improvement (#5)	No	RIV	8	215			8	B	Lake Elsinore and Canyon Lake (Nutrients)	2	172	249	18.152	18.152	33.684476	-117.171819	Biofiltration Swale	PA/ED		7/1/2013							0.00	0.00		0.0	N/A	29.9	Yes	NA	2014-2015
0J4400	I-215 Newport Road Interchange Improvement (#6)	No	RIV	8	215																															







Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL			Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed						
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	Beg PM	End PM	Lat. (N)	Long. (W)	BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs								Cooperative Implementation CUs					
D4 BMP List	District Provided List of BMPs	No	CC	4	680		2	C	San Francisco Bay (PCBs)	13	100	171			37.751611	-121.960222	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	CC	4	680		2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	8	211	304			37.751611	-121.960222	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	CC	4	680		2	B	San Francisco Bay (Mercury)	13	100	172			37.745222	-121.956361	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	CC	4	680		2	C	San Francisco Bay (PCBs)	13	100	171			37.745222	-121.956361	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	CC	4	680		2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	8	211	304			37.745222	-121.956361	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	CC	4	680		2	B	San Francisco Bay (Mercury)	13	100	172			37.741222	-121.953694	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	CC	4	680		2	C	San Francisco Bay (PCBs)	13	100	171			37.741222	-121.953694	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	CC	4	680		2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	8	211	304			37.741222	-121.953694	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	B	San Francisco Bay (Mercury)	3	192	281			37.482167	-122.178694	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	C	San Francisco Bay (PCBs)	3	194	283			37.482167	-122.178694	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	B	San Francisco Bay (Mercury)	3	192	281			37.482028	-122.178417	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	C	San Francisco Bay (PCBs)	3	194	283			37.482028	-122.178417	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	B	San Francisco Bay (Mercury)	3	192	281			37.480972	-122.176417	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	C	San Francisco Bay (PCBs)	3	194	283			37.480972	-122.176417	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	B	San Francisco Bay (Mercury)	3	192	281			37.469361	-122.156472	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	C	San Francisco Bay (PCBs)	3	194	283			37.469361	-122.156472	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	B	San Francisco Bay (Mercury)	3	192	281			37.467417	-122.153361	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	C	San Francisco Bay (PCBs)	3	194	283			37.467417	-122.153361	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	B	San Francisco Bay (Mercury)	3	192	281			37.466139	-122.151028	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	C	San Francisco Bay (PCBs)	3	194	283			37.462028	-122.143028	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	C	San Francisco Bay (PCBs)	3	194	283			37.462028	-122.143028	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	B	San Francisco Bay (Mercury)	3	192	281			37.468444	-122.154111	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	C	San Francisco Bay (PCBs)	3	194	283			37.468444	-122.154111	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	B	San Francisco Bay (Mercury)	3	192	281			37.469639	-122.156111	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SM	4	101		2	C	San Francisco Bay (PCBs)	3	194	283			37.469639	-122.156111	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SON	4	101		2	B	San Francisco Bay (Mercury)	10	99	170			38.304611	-122.708583	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SON	4	101		2	C	San Francisco Bay (PCBs)	10	99	256			38.304611	-122.708583	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SON	4	101		2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.304611	-122.708583	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SON	4	101		2	B	San Francisco Bay (Mercury)	10	99	170			38.303389	-122.708444	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SON	4	101		2	C	San Francisco Bay (PCBs)	10	99	256			38.303389	-122.708444	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SON	4	101		2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.303389	-122.708444	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SON	4	101		2	B	San Francisco Bay (Mercury)	10	99	170			38.302444	-122.7075	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101		2	C	San Francisco Bay (PCBs)	10	99	256			38.302444	-122.7075	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015	
D4 BMP List	District Provided List of BMPs	No	SON	4	101		2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.302444	-122.7075	Biofiltration Swale	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101		2	B	San Francisco Bay (Mercury)	10	99	170			38.266833	-122.663417	Biofiltration Strip	Completed			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	Yes	NA	2014-20	

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL			Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed		
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations		BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs										
													Beg PM	End PM											Lat. (N)								Long. (W)	
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.281333	-122.682361	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.278472	-122.678639	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.278472	-122.678639	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.278472	-122.678639	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.277417	-122.677194	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.277417	-122.677194	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.277417	-122.677194	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.2705	-122.668278	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.2705	-122.668278	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.2705	-122.668278	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.269889	-122.6675	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.269889	-122.6675	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.269889	-122.6675	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.269194	-122.666667	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.269194	-122.666667	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.269194	-122.666667	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.268611	-122.666028	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.268611	-122.666028	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.268611	-122.666028	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.267556	-122.664889	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.267556	-122.664889	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SON	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.267556	-122.664889	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	3	76	137			37.892722	-121.641222	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	3	76	137			37.889417	-121.634	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	3	76	137			37.88925	-121.620222	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	3	76	137			37.889556	-121.613194	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	3	76	137			37.889917	-121.609333	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	3	76	137			37.890028	-121.600417	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	3	76	137			37.89	-121.577167	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	3	76	137			37.89025	-121.575306	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	680			2	B	San Francisco Bay (Mercury)	1	96	168			37.5145	-121.938389	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	680			2	C	San Francisco Bay (PCBs)	1	175	253			37.5145	-121.938389	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	680			2	B	San Francisco Bay (Mercury)	3	192	281			37.540194	-121.924417	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	680			2	C	San Francisco Bay (PCBs)	3	194	283			37.540194	-121.924417	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	880			2	B	San Francisco Bay (Mercury)	3	192	281			37.772	-122.225	Biofiltration Swale	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	880			2	C	San Francisco Bay (PCBs)	3	194	283			37.772	-122.225	Biofiltration Swale	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	880			2	B	San Francisco Bay (Mercury)	3	192	281			37.768944	-122.220972	Sand Filter	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	880			2	C	San Francisco Bay (PCBs)	3	194	283			37.768944	-122.220972	Sand Filter	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	880			2	B	San Francisco Bay (Mercury)	3	192	281			37.765833	-122.219111	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	880			2	C	San Francisco Bay (PCBs)	3	194	283			37.765833	-122.219111	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	880			2	B	San Francisco Bay (Mercury)	1	96	168			37.427333	-121.917194	Biofiltration Swale	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	880			2	C	San Francisco Bay (PCBs)	1	175	253			37.427333	-121.917194	Biofiltration Swale	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	880			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	1	96	166			37.427333	-121.917194	Biofiltration Swale	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	880			2	B	San Francisco Bay (Mercury)	1	96	168			37.41425	-121.9115	Biofiltration Swale	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	880			2	C	San Francisco Bay (PCBs)	1	175	253			37.41425	-121.9115	Biofiltration Swale	Completed			0.00				0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	880			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	1	96	166			37.41425	-121.9115	Biofiltration Swale	Completed			0.00				0.00								







Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL			Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations		BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs											
													Beg PM	End PM											Lat. (N)								Long. (W)		
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	1	191	280			38.008167	-121.854389	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	San Francisco Bay (Mercury)	5	189	278			38.012605	-121.867503	Water Quality basin	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	C	San Francisco Bay (PCBs)	5	193	282			38.012605	-121.867503	Water Quality basin	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	4			2	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	1	191	280			38.012605	-121.867503	Water Quality basin	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	880			2	B	San Francisco Bay (Mercury)	3	192	281			37.789333	-122.2535	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	880			2	C	San Francisco Bay (PCBs)	3	194	283			37.789333	-122.2535	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.12275	-122.565972	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.12275	-122.565972	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.12275	-122.565972	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.128028	-122.564639	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.128028	-122.564639	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.128028	-122.564639	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.128306	-122.565167	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.128306	-122.565167	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.128306	-122.565167	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.134417	-122.564056	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	C	San Francisco Bay (PCBs)	10	99	256			38.134417	-122.564056	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.134417	-122.564056	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	B	San Francisco Bay (Mercury)	10	99	170			38.147778	-122.565417	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	MRN	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306			38.147778	-122.565417	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	B	San Francisco Bay (Mercury)	3	192	281			37.446194	-122.119611	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	C	San Francisco Bay (PCBs)	3	194	283			37.446194	-122.119611	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	1	96	166			37.446194	-122.119611	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	B	San Francisco Bay (Mercury)	3	192	281			37.428889	-122.101556	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	C	San Francisco Bay (PCBs)	3	194	283			37.428889	-122.101556	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	1	96	166			37.428889	-122.101556	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	B	San Francisco Bay (Mercury)	3	192	281			37.421333	-122.09175	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	C	San Francisco Bay (PCBs)	3	194	283			37.421333	-122.09175	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	1	96	166			37.421333	-122.09175	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	B	San Francisco Bay (Mercury)	3	192	281			37.420056	-122.09175	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	C	San Francisco Bay (PCBs)	3	194	283			37.420056	-122.09175	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	1	96	166			37.420056	-122.09175	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	B	San Francisco Bay (Mercury)	3	192	281			37.414194	-122.083556	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	C	San Francisco Bay (PCBs)	3	194	283			37.414194	-122.083556	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	SCL	4	101			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	1	96	166			37.414194	-122.083556	Biofiltration Strip	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	24			2	B	San Francisco Bay (Mercury)	4	97	168			37.866886	-122.198942	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	24			2	C	San Francisco Bay (PCBs)	4	177	255			37.866886	-122.198942	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	CC	4	24			2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	3	209	302			37.866886	-122.198942	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4	80			2	B	San Francisco Bay (Mercury)	3	192	281			37.846408	-122.299494	Biofiltration Swale	Completed			0.00					0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
D4 BMP List	District Provided List of BMPs	No	ALA	4																															

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs	
								Beg PM	End PM	Lat. (N)	Long. (W)																							
120164	D7 District Provided List of BMPs	No	LA	7	101	0.28	0.28	4	E	Malibu Creek Watershed (Bacteria)	2	16	37	37	37	34.149174	-118.803052	Biofiltration Strip	Completed		4/15/2008	0.00	3/3/2009	3/7/2011	8/2/2012	0.00	0.00	0.00	0.3	NA	0.28	Yes	NA	2014-2015
120164	D7 District Provided List of BMPs	No	LA	7	101	0.28	0.28	4	E	Santa Monica Bay Beaches (Bacteria)	3	181	264	37	37	34.149174	-118.803052	Biofiltration Strip	Completed		4/15/2008	0.00	3/3/2009	3/7/2011	8/2/2012	0.00	0.00	0.00	0.3	NA	0.28	Yes	NA	2014-2015
120164	D7 District Provided List of BMPs	No	LA	7	101	0.28	0.28	4	C	Santa Monica Bay (DDTs and PCBs)	3	181	263	37	37	34.149174	-118.803052	Biofiltration Strip	Completed		4/15/2008	0.00	3/3/2009	3/7/2011	8/2/2012	0.00	0.00	0.00	0.3	NA	0.28	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.24	7.24	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	3	195	284	35.1	35.1	34.101087	-118.478259	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.2	NA	7.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.24	7.24	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	3	195	285	35.1	35.1	34.101087	-118.478259	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.2	NA	7.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.24	7.24	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	35.1	35.1	34.101087	-118.478259	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.2	NA	7.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.24	7.24	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	35.1	35.1	34.101087	-118.478259	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.2	NA	7.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.24	7.24	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	35.1	35.1	34.101087	-118.478259	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.2	NA	7.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.24	7.24	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	35.1	35.1	34.101087	-118.478259	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.2	NA	7.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	3.05	3.05	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	3	195	285	34.9	34.9	34.098014	-118.478106	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	3.1	NA	3.1	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	3.05	3.05	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	3	195	284	34.9	34.9	34.098014	-118.478106	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	3.1	NA	3.1	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	3.05	3.05	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	34.9	34.9	34.098014	-118.478106	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	3.1	NA	3.1	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	3.05	3.05	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	34.9	34.9	34.098014	-118.478106	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	3.1	NA	3.1	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	3.05	3.05	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	34.9	34.9	34.098014	-118.478106	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	3.1	NA	3.1	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	3.05	3.05	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	34.9	34.9	34.098014	-118.478106	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	3.1	NA	3.1	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	6.46	6.46	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	3	195	284	34.4	34.4	34.091039	-118.475644	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	6.5	NA	6.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	6.46	6.46	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	3	195	285	34.4	34.4	34.091039	-118.475644	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	6.5	NA	6.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	6.46	6.46	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	34.4	34.4	34.091039	-118.475644	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	6.5	NA	6.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	6.46	6.46	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	34.4	34.4	34.091039	-118.475644	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	6.5	NA	6.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	6.46	6.46	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	34.4	34.4	34.091039	-118.475644	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	6.5	NA	6.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	6.46	6.46	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	34.4	34.4	34.091039	-118.475644	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	6.5	NA	6.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.31	8.31	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	32.9	32.9	34.071688	-118.465717	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.3	NA	8.3	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.31	8.31	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	3	195	284	32.9	32.9	34.071688	-118.465717	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.3	NA	8.3	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.31	8.31	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	3	195	285	32.9	32.9	34.071688	-118.465717	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.3	NA	8.3	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.31	8.31	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	32.9	32.9	34.071688	-118.465717	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.3	NA	8.3	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.31	8.31	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	32.9	32.9	34.071688	-118.465717	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.3	NA	8.3	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.31	8.31	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	32.9	32.9	34.071688	-118.465717	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.3	NA	8.3	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	2.81	2.81	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	3	195	284	32.6	32.6	34.068156	-118.462616	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	2.8	NA	2.8	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	2.81	2.81	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	3	195	285	32.6	32.6	34.068156	-118.462616	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	2.8	NA	2.8	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	2.81	2.81	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	32.6	32.6	34.068156	-118.462616	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	2.8	NA	2.8	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	2.81	2.81	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	32.6	32.6	34.068156	-118.462616	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	2.8	NA	2.8	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	2.81	2.81	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	32.6	32.6	34.068156	-118.462616	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	2.8	NA	2.8	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	2.81	2.81	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	32.6	32.6	34.068156	-118.462616	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00						

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs	
													Beg PM	End PM	Lat. (N)	Long. (W)																		
120304	D7 District Provided List of BMPs	No	LA	7	405	4.00	4.00	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	29.9	29.9	34.035029	-118.437699	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	4.0	NA	4.0	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	4.00	4.00	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	29.9	29.9	34.035029	-118.437699	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	4.0	NA	4.0	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.42	7.42	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	3	195	284	29.5	29.5	34.030821	-118.433196	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.4	NA	7.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.42	7.42	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	3	195	285	29.5	29.5	34.030821	-118.433196	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.4	NA	7.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.42	7.42	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	29.5	29.5	34.030821	-118.433196	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.4	NA	7.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.42	7.42	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	29.5	29.5	34.030821	-118.433196	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.4	NA	7.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.42	7.42	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	29.5	29.5	34.030821	-118.433196	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.4	NA	7.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	7.42	7.42	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	29.5	29.5	34.030821	-118.433196	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	7.4	NA	7.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.52	8.52	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	3	195	284	29.2	29.2	34.027173	-118.430301	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.5	NA	8.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.52	8.52	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	3	195	285	29.2	29.2	34.027173	-118.430301	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.5	NA	8.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.52	8.52	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	29.2	29.2	34.027173	-118.430301	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.5	NA	8.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.52	8.52	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	29.2	29.2	34.027173	-118.430301	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.5	NA	8.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.52	8.52	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	29.2	29.2	34.027173	-118.430301	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.5	NA	8.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	8.52	8.52	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	29.2	29.2	34.027173	-118.430301	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	8.5	NA	8.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	14.23	14.23	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	3	195	284	31.1	31.1	34.04982	-118.448736	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	14.2	NA	14.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	14.23	14.23	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	3	195	285	31.1	31.1	34.04982	-118.448736	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	14.2	NA	14.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	14.23	14.23	4	N/A	Ballona Creek (Trash)	2	13	30	31.1	31.1	34.04982	-118.448736	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	14.2	NA	14.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	14.23	14.23	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	31.1	31.1	34.04982	-118.448736	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	14.2	NA	14.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	14.23	14.23	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	31.1	31.1	34.04982	-118.448736	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	14.2	NA	14.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	14.23	14.23	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	31.1	31.1	34.04982	-118.448736	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	14.2	NA	14.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	14.23	14.23	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	31.1	31.1	34.04982	-118.448736	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	14.2	NA	14.2	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	4.40	4.40	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	3	195	284	30.2	30.2	34.039118	-118.439915	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	4.4	NA	4.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	4.40	4.40	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	3	195	285	30.2	30.2	34.039118	-118.439915	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	4.4	NA	4.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	4.40	4.40	4	N/A	Ballona Creek (Trash)	2	13	30	30.2	30.2	34.039118	-118.439915	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	4.4	NA	4.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	4.40	4.40	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	30.2	30.2	34.039118	-118.439915	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	4.4	NA	4.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	4.40	4.40	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	30.2	30.2	34.039118	-118.439915	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	4.4	NA	4.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	4.40	4.40	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	30.2	30.2	34.039118	-118.439915	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	4.4	NA	4.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	4.40	4.40	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	30.2	30.2	34.039118	-118.439915	Infiltration Basin	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	4.4	NA	4.4	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	10.49	10.49	4	C	Los Angeles River and Tributaries (Metals)	5	24	54	38.3	38.3	34.144179	-118.47125	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	10.5	NA	10.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	10.49	10.49	4	E	Los Angeles River Watershed (Bacteria)	5	24	53	38.3	38.3	34.144179	-118.47125	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	10.5	NA	10.5	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	21.30	21.30	4	C	Los Angeles River and Tributaries (Metals)	5	24	54	37.8	37.8	34.136903	-118.471532	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	21.3	NA	21.3	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	21.30	21.30	4	E	Los Angeles River Watershed (Bacteria)	5	24	53	37.8	37.8	34.136903	-118.471532	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	21.3	NA	21.3	Yes	NA	2014-2015
120304	D7 District Provided List of BMPs	No	LA	7	405	3.84	3.84	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	3	195	284	36.2	36.2	34.116	-118.481895	Biofiltration Swale	Completed		4/12/2010	0.00	4/23/2009	8/14/2014		0.00	0.00	0.00	3.8	NA	3.8	Yes		



Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs	
								Beg PM	End PM	Lat. (N)	Long. (W)																							
187224	D7 District Provided List of BMPs	No	LA	7	126	0.41	0.41	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	4.9	4.9	34.435479	-118.618139	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	0.4	NA	0.4	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	0.41	0.41	4	I	Upper Santa Clara River (Chloride)	1	219	315	4.9	4.9	34.435479	-118.618139	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	0.4	NA	0.4	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	0.80	0.80	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	4.9	4.9	34.435479	-118.618139	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	0.8	NA	0.8	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	0.80	0.80	4	I	Upper Santa Clara River (Chloride)	1	219	315	4.9	4.9	34.435479	-118.618139	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	0.8	NA	0.8	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	0.29	0.29	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	4.9	4.9	34.435479	-118.618139	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	0.29	0.29	4	I	Upper Santa Clara River (Chloride)	1	219	315	4.9	4.9	34.435479	-118.618139	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	1.33	1.33	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	4.9	4.9	34.435479	-118.618139	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	1.3	NA	1.3	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	1.33	1.33	4	I	Upper Santa Clara River (Chloride)	1	219	315	4.9	4.9	34.435479	-118.618139	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	1.3	NA	1.3	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	1.53	1.53	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	5	5	34.43636	-118.616447	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	1.5	NA	1.5	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	1.53	1.53	4	I	Upper Santa Clara River (Chloride)	1	219	315	5	5	34.43636	-118.616447	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	1.5	NA	1.5	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	2.77	2.77	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	5.1	5.1	34.437159	-118.614721	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	2.8	NA	2.8	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	2.77	2.77	4	I	Upper Santa Clara River (Chloride)	1	219	315	5.1	5.1	34.437159	-118.614721	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	2.8	NA	2.8	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	0.84	0.84	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	5.3	5.3	34.438791	-118.612316	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	0.8	NA	0.8	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	0.84	0.84	4	I	Upper Santa Clara River (Chloride)	1	219	315	5.3	5.3	34.438791	-118.612316	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	0.8	NA	0.8	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	1.15	1.15	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	5.3	5.3	34.438791	-118.612316	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	1.2	NA	1.2	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	1.15	1.15	4	I	Upper Santa Clara River (Chloride)	1	219	315	5.3	5.3	34.438791	-118.612316	Biofiltration Swale	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	1.2	NA	1.2	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	11.48	11.48	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	4.48	4.48	34.430904	-118.623561	Detention Basin	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	11.5	NA	11.5	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	11.48	11.48	4	I	Upper Santa Clara River (Chloride)	1	219	315	4.48	4.48	34.430904	-118.623561	Detention Basin	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	11.5	NA	11.5	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	6.29	6.29	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	4.81	4.81	34.434597	-118.61942	Detention Basin	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	6.3	NA	6.3	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	6.29	6.29	4	I	Upper Santa Clara River (Chloride)	1	219	315	4.81	4.81	34.434597	-118.61942	Detention Basin	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	6.3	NA	6.3	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	9.09	9.09	4	E	Santa Clara River Estuary & Reaches 3.5,6,7 (Coliform)	6	234	298	4.86	4.86	34.435091	-118.618727	Detention Basin	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	9.1	NA	9.1	Yes	NA	2014-2015	
187224	D7 District Provided List of BMPs	No	LA	7	126	9.09	9.09	4	I	Upper Santa Clara River (Chloride)	1	219	315	4.86	4.86	34.435091	-118.618727	Detention Basin	Planned		6/1/2011	0.00	8/5/2014	6/14/2016	0.00	0.00	0.00	9.1	NA	9.1	Yes	NA	2014-2015	
189404	D7 District Provided List of BMPs	No	LA	7	71	0.41	0.41	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	0	0	34.057316	-117.783476	Biofiltration Swale	Completed		9/29/2008	0.00	7/15/2008	11/14/2012	1/15/2013	0.00	0.00	0.00	0.4	NA	0.4	Yes	NA	2014-2015
189404	D7 District Provided List of BMPs	No	LA	7	71	0.58	0.58	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	0	0	34.054664	-117.781854	Biofiltration Swale	Completed		9/29/2008	0.00	7/15/2008	11/14/2012	9/26/2012	0.00	0.00	0.00	0.6	NA	0.6	Yes	NA	2014-2015
189404	D7 District Provided List of BMPs	No	LA	7	71	0.84	0.84	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	0	0	34.053843	-117.781383	Biofiltration Swale	Completed		9/29/2008	0.00	7/15/2008	11/14/2012	9/26/2012	0.00	0.00	0.00	0.8	NA	0.8	Yes	NA	2014-2015
189404	D7 District Provided List of BMPs	No	LA	7	71	2.28	2.28	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	0	0	34.054273	-117.782342	Biofiltration Swale	Completed		9/29/2008	0.00	7/15/2008	11/14/2012	9/26/2012	0.00	0.00	0.00	2.3	NA	2.3	Yes	NA	2014-2015
189404	D7 District Provided List of BMPs	No	LA	7	71	1.39	1.39	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	0	0	34.053134	-117.781219	Biofiltration Swale	Completed		9/29/2008	0.00	7/15/2008	11/14/2012	9/26/2012	0.00	0.00	0.00	1.4	NA	1.4	Yes	NA	2014-2015
189404	D7 District Provided List of BMPs	No	LA	7	71	1.42	1.42	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	0	0	34.053795	-117.781327	Biofiltration Swale	Completed		9/29/2008	0.00	7/15/2008	11/14/2012	9/26/2012	0.00	0.00	0.00	1.4	NA	1.4	Yes	NA	2014-2015
189404	D7 District Provided List of BMPs	No	LA	7	71	0.65	0.65	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	0	0	34.052169	-117.782952	Biofiltration Swale	Completed		9/29/2008	0.00	7/15/2008	11/14/2012	9/26/2012	0.00	0.00	0.00	0.7	NA	0.7	Yes	NA	2014-2015
189404	D7 District Provided List of BMPs	No	LA	7	71	1.04	1.04	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	0	0	34.050891	-117.778291	Biofiltration Swale	Completed		9/29/2008	0.00	7/15/2008	11/14/2012	9/26/2012	0.00	0.00	0.00	1.0	NA	1.0	Yes	NA	2014-2015
189404	D7 District Provided List of BMPs	No	LA	7	71	1.01	1.01	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	0	0	34.051039	-117.778992	Biofiltration Swale	Completed		9/29/2008	0.00	7/15/2008	11/14/2012	9/26/2012	0.00	0.00	0.00	1.0	NA	1.0	Yes	NA	2014-2015
189404	D7 District Provided List of BMPs	No	LA	7	71	0.00	1.00	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	0	0	34.055103	-117.782051	Biofiltration Swale	Completed		9/29/2008	1.00	7/15/2008	11/14/2012	9/26/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
191604	D7 District Provided List of BMPs	No	VEN	7	101	1.70	1.70	4	C and G	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	3	102	175	16.63	16.63	34.220397	-119.089598	Biofiltration Strip	Completed		7/15/2008	0.00	4/22/2010	6/1/2012	8/7/2012	0.00	0.00	0.00	1.7	NA	1.7	Yes	NA	2014-2015
191604	D7 District Provided List of BMPs	No	VEN	7	101	1.70	1.70	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organoch																								

Project ID	Project Name	Retrofit (installing BMPs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs	
													Beg PM	End PM	Lat. (N)	Long. (W)																		
202114	D7 District Provided List of BMPs	No	LA	7	710	0.35	0.35	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	19.69	19.69	33.967547	-118.167859	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.4	NA	0.4	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.35	0.35	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	19.69	19.69	33.967547	-118.167859	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.4	NA	0.4	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.47	0.47	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	19.68	19.68	33.967406	-118.167899	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.5	NA	0.5	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.47	0.47	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	19.68	19.68	33.967406	-118.167899	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.5	NA	0.5	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	1.20	1.20	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	19.71	19.71	33.967833	-118.167795	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	1.2	NA	1.2	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	1.20	1.20	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	19.71	19.71	33.967833	-118.167795	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	1.2	NA	1.2	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.34	0.34	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	19.78	19.78	33.968842	-118.167664	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.34	0.34	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	19.78	19.78	33.968842	-118.167664	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.17	0.17	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	19.8	19.8	33.969134	-118.167652	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.2	NA	0.2	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.17	0.17	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	19.8	19.8	33.969134	-118.167652	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.2	NA	0.2	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.30	0.30	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	19.83	19.83	33.96957	-118.167646	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.30	0.30	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	19.83	19.83	33.96957	-118.167646	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.23	0.23	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	21.92	21.92	33.99755	-118.176735	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.2	NA	0.2	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.23	0.23	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	21.92	21.92	33.99755	-118.176735	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.2	NA	0.2	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.25	0.25	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	21.93	21.93	33.997692	-118.17668	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.25	0.25	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	21.93	21.93	33.997692	-118.17668	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.25	0.25	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	21.92	21.92	33.99755	-118.176735	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.25	0.25	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	21.92	21.92	33.99755	-118.176735	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.12	0.12	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	21.97	21.97	33.998253	-118.176428	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.1	NA	0.1	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.12	0.12	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	21.97	21.97	33.998253	-118.176428	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.1	NA	0.1	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.18	0.18	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	21.97	21.97	33.998253	-118.176428	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.2	NA	0.2	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.18	0.18	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	21.97	21.97	33.998253	-118.176428	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.2	NA	0.2	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.31	0.31	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	23.46	23.46	34.019092	-118.173386	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	0.31	0.31	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	23.46	23.46	34.019092	-118.173386	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	1.22	1.22	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	26.09	26.09	34.055367	-118.164367	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	1.2	NA	1.2	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	1.22	1.22	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	26.09	26.09	34.055367	-118.164367	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	1.2	NA	1.2	Yes	NA	2014-2015
202124	D7 District Provided List of BMPs	No	LA	7	710	0.00	1.00	4		Los Angeles River (Trash)	3	25	55	22.49	22.49	34.005011	-118.172854	GSRD	Planned		12/13/2014	1.00	3/28/2016	4/8/2021		0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
215924	D7 District Provided List of BMPs	No	LA	7	5	4.05	4.05	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	6	108	183	1.15	1.15	33.88366	-118.028073	Sand Filter	Planned		8/26/2014	0.00	5/29/2015	2/21/2019		0.00	0.00	0.00	4.1	NA	4.1	Yes	NA	2014-2015
215924	D7 District Provided List of BMPs	No	LA	7	5	2.80	2.80	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	6	108	183	1.22	1.22	33.884203	-118.029101	Sand Filter	Planned		8/26/2014	0.00	5/29/2015	2/21/2019		0.00	0.00	0.00	2.8	NA	2.8	Yes	NA	2014-2015
222224	D7 District Provided List of BMPs	No	LA	7	10	0.31	0.31	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	2	13	31	14.8	14.8	34.038641	-118.274641	Biofiltration Swale	Completed		4/1/2007	0.00	6/4/2007	9/17/2009	6/5/2012	0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
222224	D7 District Provided List of BMPs	No	LA	7	10	0.31	0.31	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	2	13	32	14.8	14.8	34.038641	-118.274641	Biofiltration Swale	Completed		4/1/2007	0.00	6/4/2007	9/17/2009	6/5/2012	0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
222224	D7 District Provided List of BMPs	No	LA	7	10	0.31	0.31	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	14.8	14.8	34.038641	-118.274641	Biofiltration Swale	Completed		4/1/2007	0.00	6/4/2007	9/17/2009	6/5/2012	0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
222224	D7 District Provided List of BMPs	No	LA	7	10	0.31	0.31	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	14.8	14.8	34.038641	-118.274641	Biofiltration Swale	Completed		4/1/2007	0.00	6/4/2007	9/17/2009	6/5/2012	0.00	0.00	0.00	0.3	NA	0.3	Yes	NA	2014-2015
222224	D7 District Provided List of BMPs	No	LA	7	10	0.31	0.31	4	C	Santa Monica Bay (DDTs and PCBs)	6																							

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type						Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed	
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs								
								Beg PM	End PM	Lat. (N)	Long. (W)																							
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	1.63	4	N/A	Los Angeles River (Trash)	7	27	60	5.3	5.3	34.033392	-118.135628	GSRD	Completed		10/1/2005	1.63	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	1.63	1.6	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	0.52	4	N/A	Los Angeles River (Trash)	7	27	60	5.7	5.7	34.033457	-118.129439	GSRD	Completed		10/1/2005	0.52	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	0.52	0.5	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	0.50	4	N/A	Los Angeles River (Trash)	7	27	60	5.7	5.7	34.032885	-118.129421	GSRD	Completed		10/1/2005	0.52	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	0.52	0.5	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	1.00	4	N/A	Los Angeles River (Trash)	7	27	60	5.8	5.8	34.033476	-118.128314	GSRD	Completed		10/1/2005	1.00	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	1.00	1.0	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	1.00	4	N/A	Los Angeles River (Trash)	7	27	60	5.8	5.8	34.032896	-118.128297	GSRD	Completed		10/1/2005	1.00	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	1.00	1.0	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	0.65	4	N/A	Los Angeles River (Trash)	7	27	60	5.82	5.82	34.033463	-118.127293	GSRD	Completed		10/1/2005	0.65	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	0.65	0.7	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	0.65	4	N/A	Los Angeles River (Trash)	7	27	60	5.82	5.82	34.032901	-118.127279	GSRD	Completed		10/1/2005	0.65	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	0.65	0.7	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	0.62	4	N/A	Los Angeles River (Trash)	7	27	60	5.84	5.84	34.033482	-118.125974	GSRD	Completed		10/1/2005	0.62	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	0.62	0.6	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	0.62	4	N/A	Los Angeles River (Trash)	7	27	60	5.84	5.84	34.032907	-118.125956	GSRD	Completed		10/1/2005	0.62	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	0.62	0.6	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	3.35	4	N/A	Los Angeles River (Trash)	7	27	60	5.9	5.9	34.033498	-118.124655	GSRD	Completed		10/1/2005	3.35	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	3.35	3.4	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	3.35	4	N/A	Los Angeles River (Trash)	7	27	60	5.9	5.9	34.032915	-118.124637	GSRD	Completed		10/1/2005	3.35	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	3.35	3.4	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	3.48	4	N/A	Los Angeles River (Trash)	7	27	60	6.6	6.6	34.033692	-118.11231	GSRD	Completed		10/1/2005	3.48	8/19/2005	8/21/2007	3/27/2012	0.00	0.00	3.48	3.5	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	0.13	4	N/A	Los Angeles River (Trash)	3	25	55	22.5	22.5	34.005763	-118.171851	GSRD	Completed		10/1/2005	0.13	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	0.13	0.1	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	0.11	4	N/A	Los Angeles River (Trash)	3	25	55	22.6	22.6	34.006181	-118.17218	GSRD	Completed		10/1/2005	0.11	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	0.11	0.1	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	1.62	4	N/A	Los Angeles River (Trash)	3	25	55	23	23	34.012617	-118.171974	GSRD	Completed		10/1/2005	1.62	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	1.62	1.6	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	1.60	4	N/A	Los Angeles River (Trash)	3	25	55	23	23	34.01334	-118.171974	GSRD	Completed		10/1/2005	1.60	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	1.60	1.6	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	0.25	4	N/A	Los Angeles River (Trash)	3	25	55	23	23	34.014045	-118.171974	GSRD	Completed		10/1/2005	0.25	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	0.25	0.3	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	0.56	4	N/A	Los Angeles River (Trash)	3	25	55	23.1	23.1	34.012501	-118.172768	GSRD	Completed		10/1/2005	0.56	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	0.56	0.6	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	0.16	4	N/A	Los Angeles River (Trash)	3	25	55	23.1	23.1	34.013028	-118.172801	GSRD	Completed		10/1/2005	0.16	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	0.16	0.2	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	0.30	4	N/A	Los Angeles River (Trash)	3	25	55	23.1	23.1	34.013392	-118.172771	GSRD	Completed		10/1/2005	0.30	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	0.30	0.3	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	0.55	4	N/A	Los Angeles River (Trash)	3	25	55	23.1	23.1	34.013736	-118.172777	GSRD	Completed		10/1/2005	0.55	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	0.55	0.6	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	3.77	4	N/A	Los Angeles River (Trash)	3	25	55	23.6	23.6	34.021108	-118.172934	GSRD	Completed		10/1/2005	3.77	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	3.77	3.8	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	1.44	4	N/A	Los Angeles River (Trash)	3	25	55	23.61	23.61	34.021587	-118.172793	GSRD	Completed		10/1/2005	1.44	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	1.44	1.4	NA	N/A	Yes	NA	2014-2015
226714	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	2.50	4	N/A	Los Angeles River (Trash)	3	25	55	23.8	23.8	34.024333	-118.172777	GSRD	Completed		10/1/2005	2.50	8/19/2005	8/21/2007	3/29/2012	0.00	0.00	2.50	2.5	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	405	N/A	1.51	4	N/A	Ballona Creek (Trash)	2	13	30	25.46	25.46	33.982115	-118.393982	GSRD	Completed		6/1/2006	1.51	2/27/2007	9/30/2008	6/22/2012	0.00	0.00	1.51	1.5	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	405	N/A	2.00	4	N/A	Ballona Creek (Trash)	2	13	30	26.3	26.3	33.992224	-118.403205	GSRD	Completed		6/1/2006	2.00	2/27/2007	9/30/2008	6/22/2012	0.00	0.00	2.00	2.0	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	405	N/A	0.79	4	N/A	Ballona Creek (Trash)	2	13	30	26.47	26.47	33.993479	-118.404162	GSRD	Completed		6/1/2006	0.79	2/27/2007	9/30/2008	6/22/2012	0.00	0.00	0.79	0.8	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	405	N/A	3.16	4	N/A	Ballona Creek (Trash)	2	13	30	29.41	29.41	34.028972	-118.432207	GSRD	Completed		6/1/2006	3.16	2/27/2007	9/30/2008	6/20/2012	0.00	0.00	3.16	3.2	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	101	N/A	1.58	4	N/A	Ballona Creek (Trash)	2	13	30	7.21	7.21	34.105622	-118.327659	GSRD	Completed		6/1/2006	1.58	2/27/2007	9/30/2008	8/1/2012	0.00	0.00	1.58	1.6	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	2.50	4	N/A	Los Angeles River (Trash)	4	21	47	14.87	14.87	34.158014	-118.379316	GSRD	Completed		6/1/2006	2.50	2/27/2007	9/30/2008	6/7/2012	0.00	0.00	2.50	2.5	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	2.00	4	N/A	Los Angeles River (Trash)	4	21	47	15.41	15.41	34.16524	-118.382481	GSRD	Completed		6/1/2006	2.00	2/27/2007	9/30/2008	6/7/2012	0.00	0.00	2.00	2.0	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	1.01	4	N/A	Los Angeles River (Trash)	4	21	47	15.55	15.55	34.167228	-118.3832	GSRD	Completed		6/1/2006	1.01	2/27/2007	9/30/2008	6/7/2012	0.00	0.00	1.01	1.0	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	0.79	4	N/A	Los Angeles River (Trash)	4	21	47	15.59	15.59	34.167476	-118.384371	GSRD	Completed		6/1/2006	0.79	2/27/2007	9/30/2008	6/14/2012	0.00	0.00	0.79	0.8	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	1.51	4	N/A	Los Angeles River (Trash)	4	21	47	15.73	15.73	34.169155	-118.385482	GSRD	Completed		6/1/2006	1.51	2/27/2007	9/30/2008	6/14/2012	0.00	0.00	1.51	1.5	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	0.79	4	N/A	Los Angeles River (Trash)	4	21	47	15.82	15.82	34.170763	-118.385888	GSRD	Completed		6/1/2006	0.79	2/27/2007	9/30/2008	6/7/2012	0.00	0.00	0.79	0.8	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	1.51	4	N/A	Los Angeles River (Trash)	4	21	47	15.95	15.95	34.171895	-118.388031	GSRD	Completed		6/1/2006	1.51	2/27/2007	9/30/2008	6/7/2012	0.00	0.00	1.51	1.5	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	0.79	4	N/A	Los Angeles River (Trash)	4	21	47	15.98	15.98	34.171407	-118.388705	GSRD	Completed		6/1/2006	0.79	2/27/2007	9/30/2008	6/14/2012	0.00	0.00	0.79	0.8	NA	N/A	Yes	NA	2014-2015
231314	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	0.79	4	N/A	Los Angeles River (Trash)	4	21	47	16.05	16.05	34.172819	-118.389038	GSRD	Completed		6/1/2006	0.79	2/27/2007	9/30/2008	6/7/2012	0.00	0.00	0.79	0					



Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs	
								Beg PM	End PM	Lat. (N)	Long. (W)																							
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	1.58	4	N/A	Los Angeles River (Trash)	4	21	47	0.22	0.22	34.152605	-118.372828	GSRD	Completed		5/22/2008	1.58	7/2/2008	4/20/2011	9/26/2012	0.00	0.00	1.58	1.6	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	3.16	4	N/A	Los Angeles River (Trash)	4	21	47	0.25	0.25	34.153388	-118.372331	GSRD	Completed		5/22/2008	3.16	7/2/2008	4/20/2011	9/26/2012	0.00	0.00	3.16	3.2	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	2.84	4	N/A	Los Angeles River (Trash)	4	21	47	1.37	1.37	34.152839	-118.352884	GSRD	Completed		5/22/2008	2.84	7/2/2008	4/20/2011	9/26/2012	0.00	0.00	2.84	2.8	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	1.58	4	N/A	Los Angeles River (Trash)	4	21	47	2.59	2.59	34.152828	-118.331842	GSRD	Completed		5/22/2008	1.58	7/2/2008	4/20/2011	9/26/2012	0.00	0.00	1.58	1.6	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	5.14	4	N/A	Los Angeles River (Trash)	4	21	47	3.09	3.09	34.153847	-118.323353	GSRD	Completed		5/22/2008	5.14	7/2/2008	4/20/2011	9/26/2012	0.00	0.00	5.14	5.1	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	2.84	4	N/A	Los Angeles River (Trash)	4	21	47	3.22	3.22	34.154375	-118.321364	GSRD	Completed		5/22/2008	2.84	7/2/2008	4/20/2011	9/26/2012	0.00	0.00	2.84	2.8	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	1.58	4	N/A	Los Angeles River (Trash)	9	38	84	6.07	6.07	34.153802	-118.273235	GSRD	Completed		5/22/2008	1.58	7/2/2008	4/20/2011	9/26/2012	0.00	0.00	1.58	1.6	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	1.58	4	N/A	Los Angeles River (Trash)	9	38	84	6.2	6.2	34.154532	-118.270973	GSRD	Completed		5/22/2008	1.58	7/2/2008	4/20/2011	9/26/2012	0.00	0.00	1.58	1.6	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	1.58	4	N/A	Los Angeles River (Trash)	9	38	84	6.48	6.48	34.156285	-118.266531	GSRD	Completed		5/22/2008	1.58	7/2/2008	4/20/2011	6/29/2012	0.00	0.00	1.58	1.6	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	1.41	4	N/A	Los Angeles River (Trash)	9	38	84	8.31	8.31	34.151714	-118.236333	GSRD	Completed		5/22/2008	1.41	7/2/2008	4/20/2011	7/24/2012	0.00	0.00	1.41	1.4	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	1.41	4	N/A	Los Angeles River (Trash)	9	38	84	8.46	8.46	34.150894	-118.233804	GSRD	Completed		5/22/2008	1.41	7/2/2008	4/20/2011	7/24/2012	0.00	0.00	1.41	1.4	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	134	N/A	2.84	4	N/A	Los Angeles River (Trash)	9	38	84	8.59	8.59	34.149329	-118.232631	GSRD	Completed		5/22/2008	2.84	7/2/2008	4/20/2011	7/24/2012	0.00	0.00	2.84	2.8	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	101	N/A	8.50	4	C	Los Angeles River and Tributaries (Metals)	5	24	54	17.51	17.51	34.163718	-118.473529	Biofiltration Swale	Completed		5/22/2008	8.50	7/2/2008	4/20/2011	12/2/2011	0.00	0.00	8.50	8.5	NA	N/A	Yes	NA	2014-2015
235904	D7 District Provided List of BMPs	Yes	LA	7	101	N/A	8.50	4	E	Los Angeles River Watershed (Bacteria)	5	24	53	17.51	17.51	34.163718	-118.473529	Biofiltration Swale	Completed		5/22/2008	8.50	7/2/2008	4/20/2011	12/2/2011	0.00	0.00	8.50	8.5	NA	N/A	Yes	NA	2014-2015
240204	D7 District Provided List of BMPs	No	LA	7	101	0.95	0.95	4	B	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	3	1	3	36.1	36.1	34.147374	-118.779272	Biofiltration Swale	Completed		6/2/2008	0.00	9/1/2009	1/30/2012	8/2/2012	0.00	0.00	0.00	1.0	NA	1.0	Yes	NA	2014-2015
240204	D7 District Provided List of BMPs	No	LA	7	101	0.95	0.95	4	E	Malibu Creek Watershed (Bacteria)	3	1	2	36.1	36.1	34.147374	-118.779272	Biofiltration Swale	Completed		6/2/2008	0.00	9/1/2009	1/30/2012	8/2/2012	0.00	0.00	0.00	1.0	NA	1.0	Yes	NA	2014-2015
240204	D7 District Provided List of BMPs	No	LA	7	101	0.95	0.95	4	C	Santa Monica Bay (DDTs and PCBs)	3	181	263	36.1	36.1	34.147374	-118.779272	Biofiltration Swale	Completed		6/2/2008	0.00	9/1/2009	1/30/2012	8/2/2012	0.00	0.00	0.00	1.0	NA	1.0	Yes	NA	2014-2015
240204	D7 District Provided List of BMPs	No	LA	7	101	0.95	0.95	4	E	Santa Monica Bay Beaches (Bacteria)	3	181	264	36.1	36.1	34.147374	-118.779272	Biofiltration Swale	Completed		6/2/2008	0.00	9/1/2009	1/30/2012	8/2/2012	0.00	0.00	0.00	1.0	NA	1.0	Yes	NA	2014-2015
242704	D7 District Provided List of BMPs	No	LA	7	210	4.27	4.27	4	B and C	Los Angeles Area Puddingstone Reservoir (Nitrogen, Phosphorus, Chlordane, DDT, PCBs, Mercury, Dieldrin)	1	49	108	49	49	34.120307	-117.749821	Biofiltration Swale	Completed		7/29/2008	0.00	3/12/2008	10/12/2009	8/25/2011	0.00	0.00	0.00	4.3	NA	4.3	Yes	NA	2014-2015
242704	D7 District Provided List of BMPs	No	LA	7	210	4.27	4.27	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	49	49	34.120307	-117.749821	Biofiltration Swale	Completed		7/29/2008	0.00	3/12/2008	10/12/2009	8/25/2011	0.00	0.00	0.00	4.3	NA	4.3	Yes	NA	2014-2015
243604	D7 District Provided List of BMPs	No	LA	7	405	0.00	1.00	4	C	Los Angeles River and Tributaries (Metals)	1	19	45	7.16	7.16	33.824796	-118.20048	Biofiltration Swale	Completed		10/15/2007	1.00	3/12/2008	2/25/2010	6/28/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
243604	D7 District Provided List of BMPs	No	LA	7	405	0.00	1.00	4	E	Los Angeles River Watershed (Bacteria)	1	19	44	7.16	7.16	33.824796	-118.20048	Biofiltration Swale	Completed		10/15/2007	1.00	3/12/2008	2/25/2010	6/28/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
246404	D7 District Provided List of BMPs	No	LA	7	5	1.95	1.95	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	18.4	18.4	34.054568	-118.21414	Biofiltration Strip	Completed		11/1/2009	0.00	5/12/2011	12/31/2015		0.00	0.00	0.00	2.0	NA	2.0	Yes	NA	2014-2015
246404	D7 District Provided List of BMPs	No	LA	7	5	1.95	1.95	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	18.4	18.4	34.054568	-118.21414	Biofiltration Strip	Completed		11/1/2009	0.00	5/12/2011	12/31/2015		0.00	0.00	0.00	2.0	NA	2.0	Yes	NA	2014-2015
252104	D7 District Provided List of BMPs	No	LA	7	101	0.60	0.60	4	B	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	2	16	38	37.2	37.2	34.147019	-118.798395	Biofiltration Strip	Completed		4/11/2011	0.00	3/22/2011	4/27/2012	8/8/2012	0.00	0.00	0.00	0.6	NA	0.6	Yes	NA	2014-2015
252104	D7 District Provided List of BMPs	No	LA	7	101	0.60	0.60	4	E	Malibu Creek Watershed (Bacteria)	2	16	37	37.2	37.2	34.147019	-118.798395	Biofiltration Strip	Completed		4/11/2011	0.00	3/22/2011	4/27/2012	8/8/2012	0.00	0.00	0.00	0.6	NA	0.6	Yes	NA	2014-2015
252104	D7 District Provided List of BMPs	No	LA	7	101	0.60	0.60	4	C	Santa Monica Bay (DDTs and PCBs)	3	181	263	37.2	37.2	34.147019	-118.798395	Biofiltration Strip	Completed		4/11/2011	0.00	3/22/2011	4/27/2012	8/8/2012	0.00	0.00	0.00	0.6	NA	0.6	Yes	NA	2014-2015
252104	D7 District Provided List of BMPs	No	LA	7	101	0.60	0.60	4	E	Santa Monica Bay Beaches (Bacteria)	3	181	264	37.2	37.2	34.147019	-118.798395	Biofiltration Strip	Completed		4/11/2011	0.00	3/22/2011	4/27/2012	8/8/2012	0.00	0.00	0.00	0.6	NA	0.6	Yes	NA	2014-2015
252104	D7 District Provided List of BMPs	No	LA	7	101	0.40	0.40	4	B	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	2	16	38	37.5	37.5	34.149174	-118.803052	Biofiltration Strip	Completed		4/11/2011	0.00	3/22/2011	4/27/2012	8/2/2012	0.00	0.00	0.00	0.4	NA	0.4	Yes	NA	2014-2015
252104	D7 District Provided List of BMPs	No	LA	7	101	0.40	0.40	4	E	Malibu Creek Watershed (Bacteria)	2	16	37	37.5	37.5	34.149174	-118.803052	Biofiltration Strip	Completed		4/11/2011	0.00	3/22/2011	4/27/2012	8/2/2012	0.00	0.00	0.00	0.4	NA	0.4	Yes	NA	2014-2015
252104	D7 District Provided List of BMPs	No	LA	7	101	0.40	0.40	4	C	Santa Monica Bay (DDTs and PCBs)	3	181	263	37.5	37.5	34.149174	-118.803052	Biofiltration Strip	Completed		4/11/2011	0.00	3/22/2011	4/27/2012	8/2/2012	0.00	0.00	0.00	0.4	NA	0.4	Yes	NA	2014-2015
252104	D7 District Provided List of BMPs	No	LA	7	101	0.40	0.40	4	E	Santa Monica Bay Beaches (Bacteria)	3	181	264	37.5	37.5	34.149174	-118.803052	Biofiltration Strip	Completed		4/11/2011	0.00	3/22/2011	4/27/2012	8/2/2012	0.00	0.00	0.00	0.4	NA	0.4	Yes	NA	2014-2015
252104	D7 District Provided List of BMPs	No	LA	7	101	1.40	1.40	4	B	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	2	16	38	37.8	37.8	34.149794	-118.807683	Biofiltration Strip	Completed		4/11/2011	0.00	3/22/2011	4/27/2012	8/8/2012	0.00	0.00	0.00	1.4	NA	1.4	Yes	NA	2014-2015
252104	D7 District Provided List of BMPs	No	LA																															

Project ID	Project Name	Retrofit (installing BMPs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)						Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed					
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date								BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs		
								Beg PM	End PM	Lat. (N)	Long. (W)																								
258914	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	1.35	4	N/A	Los Angeles River (Trash)	3	25	55	22.54	22.54	34.005704	-118.172259	Sand Filter	Completed		7/15/2009	1.35	10/8/2009	12/1/2011	5/19/2011	0.00	0.00	1.35	1.4	NA	NA	Yes	NA	2014-2015	
258914	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	3.54	4	C	Los Angeles River and Tributaries (Metals)	2	10	25	16.8	16.8	33.931205	-118.178031	Detention Basin	Completed		7/15/2009	3.54	10/8/2009	12/1/2011	5/19/2011	0.00	0.00	3.54	3.5	NA	NA	Yes	NA	2014-2015	
258914	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	3.54	4	E	Los Angeles River Watershed (Bacteria)	2	10	24	16.8	16.8	33.931205	-118.178031	Detention Basin	Completed		7/15/2009	3.54	10/8/2009	12/1/2011	5/19/2011	0.00	0.00	3.54	3.5	NA	NA	Yes	NA	2014-2015	
258914	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	3.54	4	N/A	Los Angeles River (Trash)	2	10	23	16.8	16.8	33.931205	-118.178031	Detention Basin	Completed		7/15/2009	3.54	10/8/2009	12/1/2011	5/19/2011	0.00	0.00	3.54	3.5	NA	NA	Yes	NA	2014-2015	
258914	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	3.81	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	22.07	22.07	33.999108	-118.175173	Infiltration Basin	Completed		7/15/2009	3.81	10/8/2009	12/1/2011	5/19/2011	0.00	0.00	3.81	3.8	NA	NA	Yes	NA	2014-2015	
258914	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	3.81	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	22.07	22.07	33.999108	-118.175173	Infiltration Basin	Completed		7/15/2009	3.81	10/8/2009	12/1/2011	5/19/2011	0.00	0.00	3.81	3.8	NA	NA	Yes	NA	2014-2015	
258914	D7 District Provided List of BMPs	Yes	LA	7	710	N/A	3.81	4	N/A	Los Angeles River (Trash)	3	25	55	22.07	22.07	33.999108	-118.175173	Infiltration Basin	Completed		7/15/2009	3.81	10/8/2009	12/1/2011	5/19/2011	0.00	0.00	3.81	3.8	NA	NA	Yes	NA	2014-2015	
258924	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	1.50	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	4.4	4.4	34.034763	-118.151165	Sand Filter	Completed		7/15/2009	1.50	12/14/2009	11/27/2012	7/13/2011	0.00	0.00	1.50	1.5	NA	NA	Yes	NA	2014-2015	
258924	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	1.50	4	E	Los Angeles River Watershed (Bacteria)	7	27	59	4.4	4.4	34.034763	-118.151165	Sand Filter	Completed		7/15/2009	1.50	12/14/2009	11/27/2012	7/13/2011	0.00	0.00	1.50	1.5	NA	NA	Yes	NA	2014-2015	
258924	D7 District Provided List of BMPs	Yes	LA	7	60	N/A	1.50	4	N/A	Los Angeles River (Trash)	7	27	60	4.4	4.4	34.034763	-118.151165	Sand Filter	Completed		7/15/2009	1.50	12/14/2009	11/27/2012	7/13/2011	0.00	0.00	1.50	1.5	NA	NA	Yes	NA	2014-2015	
258924	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	2.79	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	16.3	16.3	34.175045	-118.392245	Sand Filter	Completed		7/15/2009	2.79	12/14/2009	11/27/2012	7/13/2011	0.00	0.00	2.79	2.8	NA	NA	Yes	NA	2014-2015	
258924	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	2.79	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	16.3	16.3	34.175045	-118.392245	Sand Filter	Completed		7/15/2009	2.79	12/14/2009	11/27/2012	7/13/2011	0.00	0.00	2.79	2.8	NA	NA	Yes	NA	2014-2015	
258924	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	2.79	4	N/A	Los Angeles River (Trash)	4	21	47	16.3	16.3	34.175045	-118.392245	Sand Filter	Completed		7/15/2009	2.79	12/14/2009	11/27/2012	7/13/2011	0.00	0.00	2.79	2.8	NA	NA	Yes	NA	2014-2015	
258924	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	2.15	4	C	Los Angeles River and Tributaries (Metals)	11	28	64	19.76	19.76	34.222316	-118.409692	Sand Filter	Completed		7/15/2009	2.15	12/14/2009	11/27/2012	7/13/2011	0.00	0.00	2.15	2.2	NA	NA	Yes	NA	2014-2015	
258924	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	2.15	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	19.76	19.76	34.222316	-118.409692	Sand Filter	Completed		7/15/2009	2.15	12/14/2009	11/27/2012	7/13/2011	0.00	0.00	2.15	2.2	NA	NA	Yes	NA	2014-2015	
258924	D7 District Provided List of BMPs	Yes	LA	7	170	N/A	2.15	4	N/A	Los Angeles River (Trash)	11	28	62	19.76	19.76	34.222316	-118.409692	Sand Filter	Completed		7/15/2009	2.15	12/14/2009	11/27/2012	7/13/2011	0.00	0.00	2.15	2.2	NA	NA	Yes	NA	2014-2015	
259204	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	2.75	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	2	13	31	13.46	13.46	34.036532	-118.298877	Sand Filter	Planned		10/1/2013	2.75	3/19/2014	1/12/2016		0.00	0.00	2.75	2.8	NA	NA	Yes	NA	2014-2015	
259204	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	2.75	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	2	13	32	13.46	13.46	34.036532	-118.298877	Sand Filter	Planned		10/1/2013	2.75	3/19/2014	1/12/2016		0.00	0.00	2.75	2.8	NA	NA	Yes	NA	2014-2015	
259204	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	2.75	4	N/A	Ballona Creek (Trash)	2	13	30	13.46	13.46	34.036532	-118.298877	Sand Filter	Planned		10/1/2013	2.75	3/19/2014	1/12/2016		0.00	0.00	2.75	2.8	NA	NA	Yes	NA	2014-2015	
259204	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	2.75	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	13.46	13.46	34.036532	-118.298877	Sand Filter	Planned		10/1/2013	2.75	3/19/2014	1/12/2016		0.00	0.00	2.75	2.8	NA	NA	Yes	NA	2014-2015	
259204	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	2.75	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	13.46	13.46	34.036532	-118.298877	Sand Filter	Planned		10/1/2013	2.75	3/19/2014	1/12/2016		0.00	0.00	2.75	2.8	NA	NA	Yes	NA	2014-2015	
259204	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	2.75	4	C	Santa Monica Bay (DDTs and PCBs)	6	46	103	13.46	13.46	34.036532	-118.298877	Sand Filter	Planned		10/1/2013	2.75	3/19/2014	1/12/2016		0.00	0.00	2.75	2.8	NA	NA	Yes	NA	2014-2015	
259204	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	2.75	4	E	Santa Monica Bay Beaches (Bacteria)	6	46	104	13.46	13.46	34.036532	-118.298877	Sand Filter	Planned		10/1/2013	2.75	3/19/2014	1/12/2016		0.00	0.00	2.75	2.8	NA	NA	Yes	NA	2014-2015	
260604	D7 District Provided List of BMPs	No	LA	7	110	1.99	1.99	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	1	98	169	1.11	1.11	33.751802	-118.291047	Biofiltration Swale	Planned		6/1/2013	0.00	8/6/2014	9/28/2016		0.00	0.00	0.00	2.0	NA	NA	2.0	Yes	NA	2014-2015
260604	D7 District Provided List of BMPs	No	LA	7	110	2.26	2.26	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	1	98	169	1.42	1.42	33.756457	-118.290774	Biofiltration Swale	Planned		6/1/2013	0.00	8/6/2014	9/28/2016		0.00	0.00	0.00	2.3	NA	NA	2.3	Yes	NA	2014-2015
260604	D7 District Provided List of BMPs	No	LA	7	47	0.63	0.63	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	1	98	169	0.96	0.96	33.749786	-118.280082	Biofiltration Swale	Planned		6/1/2013	0.00	8/6/2014	9/28/2016		0.00	0.00	0.00	0.6	NA	NA	0.6	Yes	NA	2014-2015
260604	D7 District Provided List of BMPs	No	LA	7	47	0.44	0.44	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	1	98	169	1.05	1.05	33.750063	-118.278956	Biofiltration Swale	Planned		6/1/2013	0.00	8/6/2014	9/28/2016		0.00	0.00	0.00	0.4	NA	NA	0.4	Yes	NA	2014-2015
260604	D7 District Provided List of BMPs	No	LA	7	110	0.40	0.40	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	1	98	169	0.94	0.94	33.749231	-118.290917	Biofiltration Swale	Planned		6/1/2013	0.00	8/6/2014	9/28/2016		0.00	0.00	0.00	0.4	NA	NA	0.4	Yes	NA	2014-2015
260704	D7 District Provided List of BMPs	No	VEN	7	101	0.24	0.24	4	B	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	2	16	38	0.1	0.1	34.152846	-118.816297	Biofiltration Strip	Planned		3/3/2011	0.00	1/18/2012	9/28/2016		0.00	0.00	0.00	0.2	NA	NA	0.2	Yes	NA	2014-2015
260704	D7 District Provided List of BMPs	No	VEN	7	101	0.24	0.24	4	E	Malibu Creek Watershed (Bacteria)	2	16	37	0.1	0.1	34.152846	-118.816297	Biofiltration Strip	Planned		3/3/2011	0.00	1/18/2012	9/28/2016		0.00	0.00	0.00	0.2	NA	NA	0.2	Yes	NA	2014-2015
260704	D7 District Provided List of BMPs	No	VEN	7	101	0.24	0.24	4	C	Santa Monica Bay (DDTs and PCBs)	3	181	263	0.1	0.1	34.152846	-118.816297	Biofiltration Strip	Planned		3/3/2011	0.00	1/18/2012	9/28/2016		0.00	0.00	0.00	0.2	NA	NA	0.2	Yes	NA	2014-2015
260704	D7 District Provided List of BMPs	No	VEN	7	101	0.24	0.24	4	E	Santa Monica Bay Beaches (Bacteria)	3	181	264	0.1	0.1	34.152846	-118.816297	Biofiltration Strip	Planned		3/3/2011	0.00	1/18/2012	9/28/2016		0.00	0.00	0.00	0.2	NA	NA	0.2	Yes	NA	2014-2015
260704	D7 District Provided List of BMPs	No	VEN	7	118	7.10	7.10	4	C and G	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	5	92	159	0	0	34.281474	-118.719639	Biofiltration Swale	Completed		7/1/2009	0.00	12/14/2009	8/5/2011	12/2/2011	0.00	0.00	0.00	7.1	NA	NA	7.1			

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs	
								Beg PM	End PM	Lat. (N)	Long. (W)																							
1294V4	D7 District Provided List of BMPs	No	LA	7	60	0.11	0.11	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	21.45	21.45	33.995623	-117.870615	Biofiltration Swale	Completed		9/28/2006	0.00	4/18/2007	5/2/2011	12/8/2011	0.00	0.00	0.00	0.1	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	B	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	4	8	19	36	36	34.146065	-118.759233	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/2/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	E	Malibu Creek Watershed (Bacteria)	4	8	18	36	36	34.146065	-118.759233	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/2/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	C	Santa Monica Bay (DDTs and PCBs)	3	181	263	36	36	34.146065	-118.759233	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/2/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	E	Santa Monica Bay Beaches (Bacteria)	3	181	264	36	36	34.146065	-118.759233	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/2/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	B	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	3	1	3	36.2	36.2	34.14599	-118.763227	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/8/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	E	Malibu Creek Watershed (Bacteria)	3	1	2	36.2	36.2	34.14599	-118.763227	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/8/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	C	Santa Monica Bay (DDTs and PCBs)	3	181	263	36.2	36.2	34.14599	-118.763227	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/8/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	E	Santa Monica Bay Beaches (Bacteria)	3	181	264	36.2	36.2	34.14599	-118.763227	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/8/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	B	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	3	1	3	36.2	36.2	34.145945	-118.762706	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/8/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	E	Malibu Creek Watershed (Bacteria)	3	1	2	36.2	36.2	34.145945	-118.762706	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/8/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	C	Santa Monica Bay (DDTs and PCBs)	3	181	263	36.2	36.2	34.145945	-118.762706	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/8/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1965U4	D7 District Provided List of BMPs	No	LA	7	101	0.00	1.00	4	E	Santa Monica Bay Beaches (Bacteria)	3	181	264	36.2	36.2	34.145945	-118.762706	Biofiltration Swale	Completed		6/10/2005	1.00	1/25/2006	11/3/2014	8/8/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
1P5304	D7 District Provided List of BMPs	No	LA	7	405	0.01	0.01	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	15.3	15.3	33.864053	-118.323333	Biofiltration Swale	Completed		3/5/2007	0.00	5/12/2007	4/25/2008	6/22/2012	0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	0.60	4	N/A	Ballona Creek (Trash)	2	13	30	9.02	9.02	34.036644	-118.374304	GSRD	Completed		2/15/2006	0.60	1/17/2007	5/17/2010	5/29/2012	0.00	0.00	0.60	0.6	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	0.60	4	N/A	Ballona Creek (Trash)	2	13	30	9.05	9.05	34.036561	-118.37367	GSRD	Completed		2/15/2006	0.60	1/17/2007	5/17/2010	5/29/2012	0.00	0.00	0.60	0.6	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	3.30	4	N/A	Ballona Creek (Trash)	2	13	30	9.03	9.03	34.035543	-118.37434	GSRD	Completed		2/15/2006	3.30	1/17/2007	5/17/2010	5/31/2012	0.00	0.00	3.30	3.3	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.60	4	N/A	Ballona Creek (Trash)	2	13	30	9.13	9.13	34.035395	-118.372522	GSRD	Completed		2/15/2006	1.60	1/17/2007	5/17/2010	5/31/2012	0.00	0.00	1.60	1.6	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	9.4	9.4	34.034898	-118.365966	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	5/29/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	9.5	9.5	34.034387	-118.364095	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	5/29/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	9.7	9.7	34.034234	-118.363112	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	5/29/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	9.75	9.75	34.034084	-118.360852	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	5/29/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	9.8	9.8	34.034115	-118.359623	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	5/29/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	9.5	9.5	34.033623	-118.358703	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	5/31/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	10	10	34.033711	-118.356963	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	5/31/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	10.1	10.1	34.033721	-118.355446	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	5/31/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	3.00	4	N/A	Ballona Creek (Trash)	2	13	30	10.25	10.25	34.033744	-118.35429	GSRD	Completed		2/15/2006	3.00	1/17/2007	5/17/2010	5/31/2012	0.00	0.00	3.00	3.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	10.3	10.3	34.033735	-118.352422	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	5/31/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	10.6	10.6	34.033958	-118.347829	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	5/31/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.60	4	N/A	Ballona Creek (Trash)	2	13	30	10.71	10.71	34.034207	-118.345507	GSRD	Completed		2/15/2006	1.60	1/17/2007	5/17/2010	5/31/2012	0.00	0.00	1.60	1.6	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.80	4	N/A	Ballona Creek (Trash)	2	13	30	10.78	10.78	34.034253	-118.344321	GSRD	Completed		2/15/2006	1.80	1/17/2007	5/17/2010	5/31/2012	0.00	0.00	1.80	1.8	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	7.70	4	N/A	Ballona Creek (Trash)	2	13	30	13.19	13.19	34.036611	-118.303504	GSRD	Completed		2/15/2006	7.70	1/17/2007	5/17/2010	6/5/2012	0.00	0.00	7.70	7.7	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	13.3	13.3	34.037403	-118.300516	GSRD	Completed		2/15/2006	1.00	1/17/2007	5/17/2010	6/5/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2266A4	D7 District Provided List of BMPs	Yes	LA	7	10	N/A	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	13.3																				

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs	
								Beg PM	End PM	Lat. (N)	Long. (W)																							
2267A4	D7 District Provided List of BMPs	Yes	LA	7	91	N/A	1.18	4	N/A	Los Angeles River (Trash)	2	10	23	12.62	12.62	33.877234	-118.177167	GSRD	Completed		7/1/2006	1.18	10/25/2007	4/26/2010	4/9/2012	0.00	0.00	1.18	1.2	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	91	N/A	1.18	4	N/A	Los Angeles River (Trash)	2	10	23	12.61	12.61	33.876554	-118.177208	GSRD	Completed		7/1/2006	1.18	10/25/2007	4/26/2010	4/9/2012	0.00	0.00	1.18	1.2	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	91	N/A	2.76	4	N/A	Los Angeles River (Trash)	2	10	23	12.85	12.85	33.876551	-118.173223	GSRD	Completed		7/1/2006	2.76	10/25/2007	4/26/2010	4/9/2012	0.00	0.00	2.76	2.8	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	91	N/A	1.80	4	N/A	Los Angeles River (Trash)	2	10	23	12.92	12.92	33.876382	-118.171965	GSRD	Completed		7/1/2006	1.80	10/25/2007	4/26/2010	4/9/2012	0.00	0.00	1.80	1.8	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	91	N/A	1.25	4	N/A	Los Angeles River (Trash)	2	10	23	13.46	13.46	33.87638	-118.162698	GSRD	Completed		7/1/2006	1.25	10/25/2007	4/26/2010	4/9/2012	0.00	0.00	1.25	1.3	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	7.14	4	N/A	Los Angeles River (Trash)	6	29	65	8.25	8.25	33.927052	-118.26573	GSRD	Completed		7/1/2006	7.14	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	7.14	7.1	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	N/A	4	N/A	Los Angeles River (Trash)	6	29	65	8.31	8.31	33.927027	-118.264631	GSRD	Completed		7/1/2006	0.00	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	0.00	0.0	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	6.35	4	N/A	Los Angeles River (Trash)	6	29	65	8.43	8.43	33.927064	-118.262524	GSRD	Completed		7/1/2006	6.35	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	6.35	6.4	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	2.31	4	N/A	Los Angeles River (Trash)	6	29	65	8.46	8.46	33.927068	-118.261846	GSRD	Completed		7/1/2006	2.31	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	2.31	2.3	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	4.94	4	N/A	Los Angeles River (Trash)	6	29	65	8.67	8.67	33.927955	-118.258243	GSRD	Completed		7/1/2006	4.94	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	4.94	4.9	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	0.73	4	N/A	Los Angeles River (Trash)	6	29	65	8.74	8.74	33.928089	-118.257385	GSRD	Completed		7/1/2006	0.73	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	0.73	0.7	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.74	4	N/A	Los Angeles River (Trash)	6	29	65	8.75	8.75	33.928153	-118.257054	GSRD	Completed		7/1/2006	1.74	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	1.74	1.7	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.74	4	N/A	Los Angeles River (Trash)	6	29	65	8.84	8.84	33.928494	-118.255377	GSRD	Completed		7/1/2006	1.74	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	1.74	1.7	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.60	4	N/A	Los Angeles River (Trash)	6	29	65	8.94	8.94	33.928775	-118.253144	GSRD	Completed		7/1/2006	1.60	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	1.60	1.6	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	2.22	4	N/A	Los Angeles River (Trash)	6	29	65	9.04	9.04	33.928856	-118.252003	GSRD	Completed		7/1/2006	2.22	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	2.22	2.2	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.90	4	N/A	Los Angeles River (Trash)	6	29	65	9.08	9.08	33.928923	-118.251267	GSRD	Completed		7/1/2006	1.90	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	1.90	1.9	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	0.25	4	N/A	Los Angeles River (Trash)	6	29	65	9.1	9.1	33.928918	-118.250905	GSRD	Completed		7/1/2006	0.25	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	0.25	0.3	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	8.31	4	N/A	Los Angeles River (Trash)	6	29	65	9.2	9.2	33.928338	-118.248921	GSRD	Completed		7/1/2006	8.31	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	8.31	8.3	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	0.83	4	N/A	Los Angeles River (Trash)	6	29	65	9.34	9.34	33.928344	-118.246633	GSRD	Completed		7/1/2006	0.83	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	0.83	0.8	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	9.10	4	N/A	Los Angeles River (Trash)	6	29	65	9.54	9.54	33.928871	-118.241811	GSRD	Completed		7/1/2006	9.10	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	9.10	9.1	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.00	4	N/A	Los Angeles River (Trash)	6	29	65	9.77	9.77	33.92783	-118.24124	GSRD	Completed		7/1/2006	1.00	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.00	4	N/A	Los Angeles River (Trash)	6	29	65	9.71	9.71	33.928799	-118.240808	GSRD	Completed		7/1/2006	1.00	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	19.85	4	N/A	Los Angeles River (Trash)	6	29	65	10.08	10.08	33.928372	-118.233504	GSRD	Completed		7/1/2006	19.85	10/25/2007	4/26/2010	4/3/2012	0.00	0.00	19.85	19.9	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	2.47	4	N/A	Los Angeles River (Trash)	6	29	65	11.76	11.76	33.923859	-118.206445	GSRD	Completed		7/1/2006	2.47	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	2.47	2.5	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.82	4	N/A	Los Angeles River (Trash)	6	29	65	11.81	11.81	33.923407	-118.205619	GSRD	Completed		7/1/2006	1.82	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	1.82	1.8	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	0.25	4	N/A	Los Angeles River (Trash)	6	29	65	11.88	11.88	33.922996	-118.204684	GSRD	Completed		7/1/2006	0.25	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	0.25	0.3	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.07	4	N/A	Los Angeles River (Trash)	6	29	65	11.98	11.98	33.922331	-118.203198	GSRD	Completed		7/1/2006	1.07	10/25/2007	4/26/2010	5/5/2012	0.00	0.00	1.07	1.1	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	0.25	4	N/A	Los Angeles River (Trash)	6	29	65	11.98	11.98	33.921623	-118.203618	GSRD	Completed		7/1/2006	0.25	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	0.25	0.3	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.65	4	N/A	Los Angeles River (Trash)	6	29	65	12.08	12.08	33.921657	-118.201611	GSRD	Completed		7/1/2006	1.65	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	1.65	1.7	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.82	4	N/A	Los Angeles River (Trash)	6	29	65	12.08	12.08	33.920936	-118.201963	GSRD	Completed		7/1/2006	1.82	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	1.82	1.8	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	0.51	4	N/A	Los Angeles River (Trash)	6	29	65	12.25	12.25	33.920478	-118.198927	GSRD	Completed		7/1/2006	0.51	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	0.51	0.5	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	0.48	4	N/A	Los Angeles River (Trash)	6	29	65	12.28	12.28	33.919601	-118.198881	GSRD	Completed		7/1/2006	0.48	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	0.48	0.5	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.03	4	N/A	Los Angeles River (Trash)	6	29	65	12.36	12.36	33.919099	-118.197721	GSRD	Completed		7/1/2006	1.03	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	1.03	1.0	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.43	4	N/A	Los Angeles River (Trash)	2	10	23	12.41	12.41	33.919464	-118.196575	GSRD	Completed		7/1/2006	1.43	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	1.43	1.4	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.72	4	N/A	Los Angeles River (Trash)	2	10	23	12.44	12.44	33.918478	-118.196426	GSRD	Completed		7/1/2006	1.72	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	1.72	1.7	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.08	4	N/A	Los Angeles River (Trash)	2	10	23	12.53	12.53	33.918615	-118.194656	GSRD	Completed		7/1/2006	1.08	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	1.08	1.1	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.27	4	N/A	Los Angeles River (Trash)	2	10	23	12.54	12.54	33.917876	-118.194989	GSRD	Completed		7/1/2006	1.27	10/25/2007	4/26/2010	4/5/2012	0.00	0.00	1.27	1.3	NA	NA	Yes	NA	2014-2015
2267A4	D7 District Provided List of BMPs	Yes	LA	7	105	N/A	1.24	4	N/A	Los Angeles River (Trash)	2	10	23	12.62	12.62	33.918003	-118.19323	GSRD	Completed		7/1/2006	1.24	10/25/2007	4/26/2010	4/5/2012</									



Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)								Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed		
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs								Cooperative Implementation CUs	
								Beg PM	End PM	Lat. (N)	Long. (W)																							
4S0104	D7 District Provided List of BMPs	No	LA	7	405	0.44	0.44	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	3	106	180	16.5	16.5	33.873219	-118.341832	Biofiltration Swale	Completed		7/1/2007	0.00	5/22/2007	6/17/2008	6/22/2012	0.00	0.00	0.00	0.4	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	210	1.30	1.30	4	C	Los Angeles River and Tributaries (Metals)	11	28	64	6.048	6.048	34.286832	-118.407706	Sand Filter	Completed			0.00				0.00	0.00	0.00	1.3	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	210	1.30	1.30	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	6.048	6.048	34.286832	-118.407706	Sand Filter	Completed			0.00				0.00	0.00	0.00	1.3	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	210	1.30	1.30	4	N/A	Los Angeles River (Trash)	11	28	62	6.048	6.048	34.286832	-118.407706	Sand Filter	Completed			0.00				0.00	0.00	0.00	1.3	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	210	1.70	1.70	4	C	Los Angeles River and Tributaries (Metals)	8	37	83	23.147	23.147	34.181251	-118.167885	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	1.7	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	210	1.70	1.70	4	E	Los Angeles River Watershed (Bacteria)	8	37	82	23.147	23.147	34.181251	-118.167885	Biofiltration Strip	Completed			0.00				0.00	0.00	0.00	1.7	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	210	1.70	1.70	4	C	Los Angeles River and Tributaries (Metals)	8	37	83	23.147	23.147	34.181155	-118.167768	Infiltration Trench	Completed			0.00				0.00	0.00	0.00	1.7	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	210	1.70	1.70	4	E	Los Angeles River Watershed (Bacteria)	8	37	82	23.147	23.147	34.181155	-118.167768	Infiltration Trench	Completed			0.00				0.00	0.00	0.00	1.7	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	210	1.70	1.70	4	N/A	Los Angeles River (Trash)	8	37	81	23.147	23.147	34.181155	-118.167768	Infiltration Trench	Completed			0.00				0.00	0.00	0.00	1.7	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	105	1.90	1.90	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	2	89	155	15.695	15.695	33.911965	-118.14188	Treatment Trains	Completed			0.00				0.00	0.00	0.00	1.9	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	5	4.60	4.60	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	22.429	22.429	34.101348	-118.24997	Treatment Trains	Completed			0.00				0.00	0.00	0.00	4.6	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	5	4.60	4.60	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	22.429	22.429	34.101348	-118.24997	Treatment Trains	Completed			0.00				0.00	0.00	0.00	4.6	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	5	4.60	4.60	4	N/A	Los Angeles River (Trash)	4	21	47	22.429	22.429	34.101348	-118.24997	Treatment Trains	Completed			0.00				0.00	0.00	0.00	4.6	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	10	0.80	0.80	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	17.024	17.024	34.023469	-118.241514	Oil/water Separator	Completed			0.00				0.00	0.00	0.00	0.8	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	10	0.80	0.80	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	17.024	17.024	34.023469	-118.241514	Oil/water Separator	Completed			0.00				0.00	0.00	0.00	0.8	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	10	0.80	0.80	4	N/A	Los Angeles River (Trash)	3	25	55	17.024	17.024	34.023469	-118.241514	Oil/water Separator	Completed			0.00				0.00	0.00	0.00	0.8	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	60	1.50	1.50	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	12.151	12.151	34.031415	-118.019978	Austin Vault Sand Filter	Completed			0.00				0.00	0.00	0.00	1.5	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	605	2.80	2.80	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	2	89	155	7.579	7.579	33.910146	-118.103032	Austin Vault Sand Filter	Completed			0.00				0.00	0.00	0.00	2.8	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	605	0.20	0.20	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	2	89	155	5.019	5.019	33.878089	-118.10234	Biofiltration Swale	Completed			0.00				0.00	0.00	0.00	0.2	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	91	0.40	0.40	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	2	89	155	17.071	17.071	33.878718	-118.100365	Biofiltration Swale	Completed			0.00			4/9/2012	0.00	0.00	0.00	0.4	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	5	0.70	0.70	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	6.794	6.794	33.94262	-118.098053	Biofiltration Swale	Completed			0.00			3/29/2012	0.00	0.00	0.00	0.7	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	605	0.70	0.70	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	6	108	183	2.885	2.885	33.839382	-118.088287	Biofiltration Swale	Completed			0.00			3/29/2012	0.00	0.00	0.00	0.7	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	5	6.80	6.80	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	6.875	6.875	33.941432	-118.097239	Extended Detention Basin	Completed			0.00			3/29/2012	0.00	0.00	0.00	6.8	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	605	0.80	0.80	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	2	89	155	5.004	5.004	33.873712	-118.101964	Extended Detention Basin	Completed			0.00				0.00	0.00	0.00	0.8	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	605	4.20	4.20	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	2	89	155	5.079	5.079	33.877243	-118.101468	Infiltration Basin	Completed			0.00				0.00	0.00	0.00	4.2	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	57	1.10	1.10	4	B and C	Los Angeles Area Puddingstone Reservoir (Nitrogen, Phosphorus, Chlordane, DDT, PCBs, Mercury, Dieldrin)	1	49	108	8.74	8.74	34.077959	-117.814848	Treatment Trains	Completed			0.00			4/5/2012	0.00	0.00	0.00	1.1	NA	NA	Yes	NA	2014-2015
BMP Pilot Study	D7 District Provided List of BMPs	No	LA	7	57	1.10	1.10	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	8.74	8.74	34.077959	-117.814848	Treatment Trains	Completed			0.00			4/5/2012	0.00	0.00	0.00	1.1	NA	NA	Yes	NA	2014-2015
Missing EA	D7 District Provided List of BMPs	No	LA	7	10	0.00	1.00	4	N/A	Ballona Creek (Trash)	2	13	30	8.394	8.394	34.034346	-118.38445	GSRD	Completed			1.00			5/31/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
Missing EA	D7 District Provided List of BMPs	No	LA	7	10	0.00	1.00	4	N/A	Los Angeles River (Trash)	8	37	81	26.622	26.622	34.181334	-118.169233	GSRD	Completed			1.00				0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
Missing EA	D7 District Provided List of BMPs	No	LA	7	210	0.00	1.00	4	N/A	Los Angeles River (Trash)	10	30	68	9.084	9.084	34.272612	-118.358763	GSRD	Completed			1.00			8/31/2011	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
Missing EA	D7 District Provided List of BMPs	No	LA	7	170	0.00	1.00	4	N/A	Los Angeles River (Trash)	4	21	47	16.423	16.423	34.176777	-118.393383	GSRD	Completed			1.00			6/7/2012	0.00	0.00	1.00	1.0	NA	NA	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	2.35	2.35	4	C	Los Angeles River and Tributaries (Metals)	3	25	57	23.36	23.36	34.017629	-118.173254	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	2.4	NA	2.4	Yes	NA	2014-2015
202114	D7 District Provided List of BMPs	No	LA	7	710	2.35	2.35	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	23.36	23.36	34.017629	-118.173254	Biofiltration Swale	Planned		1/31/2012	0.00	4/27/2012	5/30/2016		0.00	0.00	0.00	2.4	NA	2.4	Yes	NA	2014-2015
1952U4	D7 District Provided List of BMPs	No	VEN	7	101	0.00	1.10	4	B	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	2	16	38	0.58	0.58	34.156508	-118.823433	Biofiltration Swale	Planned		1/2/2013	1.10	12/12/2013	11/22/2016		0.00	0.00	1.10	1.1	NA	NA	Yes	NA	2014-2015
1952U4	D7 District Provided List of BMPs	No	VEN	7	101	0.00	1.10	4	E	Malibu Creek Watershed (Bacteria)	2	16	37	0.58	0.58	34.156508	-118.823433	Biofiltration Swale	Planned		1/2/2013	1.10	12/12/2013	11/22/2016		0.00	0.00	1.10	1.1	NA	NA	Yes	NA	2014-2015
1952U4	D7 District Provided List of BMPs	No	VEN	7	101	0.00	1.10	4	C	Santa Monica Bay (DDTs and PCBs)	3	181	263	0.58	0.58	34.156508	-118.823433	Biofiltration Swale	Planned		1/2/2013	1.10	12/12/2013	11/22/2016		0.00	0.00	1.10	1.1	NA	NA	Yes	NA	2014-2015

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach			BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed					
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date								BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs		
													Beg PM	End PM	Lat. (N)	Long. (W)																			
1952U4	D7 District Provided List of BMPs	No	VEN	7	101	0.00	1.63	4	C and G	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	6	87	152	4.38	4.38	34.178543	-118.881492	Biofiltration Swale	Planned			1/2/2013	1.63	12/12/2013	11/22/2016		0.00	0.00	1.63	1.6	NA	NA	Yes	NA	2014-2015
1952U4	D7 District Provided List of BMPs	No	VEN	7	101	0.00	1.63	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Sulfates)	6	87	151	4.38	4.38	34.178543	-118.881492	Biofiltration Swale	Planned			1/2/2013	1.63	12/12/2013	11/22/2016		0.00	0.00	1.63	1.6	NA	NA	Yes	NA	2014-2015
<b>COMPLIANCE YEAR 2 (July 2015 - June 2016)</b>																																			
Public Education	Public Education	Yes	All	All	All	N/A	165.00	All	N/A	Statewide	N/A	N/A	N/A					Public Education	Ongoing			165.00				0.00	0.00	165.00	165.0	N/A	N/A	N/A	N/A	2015-2016	
120384	D7 District Provided List of BMPs	No	VEN	7	101	0.00	2.21	4	C and G	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	6	87	152	8	8	34.190552	-118.941081	Biofiltration Swale	Completed			9/1/2011	2.21	1/9/2012	4/30/2015		0.00	0.00	2.21	2.2	NA	2.2	Yes	NA	2015-2016
120384	D7 District Provided List of BMPs	No	VEN	7	101	0.00	2.21	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Sulfates)	6	87	151	8	8	34.190552	-118.941081	Biofiltration Swale	Completed			9/1/2011	2.21	1/9/2012	4/30/2015		0.00	0.00	2.21	2.2	NA	2.2	Yes	NA	2015-2016
120384	D7 District Provided List of BMPs	No	VEN	7	101	0.00	3.43	4	C and G	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	6	87	152	8.1	8.1	34.191243	-118.942622	Biofiltration Swale	Completed			9/1/2011	3.43	1/9/2012	4/30/2015		0.00	0.00	3.43	3.4	NA	3.4	Yes	NA	2015-2016
120384	D7 District Provided List of BMPs	No	VEN	7	101	0.00	3.43	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Sulfates)	6	87	151	8.1	8.1	34.191243	-118.942622	Biofiltration Swale	Completed			9/1/2011	3.43	1/9/2012	4/30/2015		0.00	0.00	3.43	3.4	NA	3.4	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	0.65	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	37.5	37.5	34.071971	-117.890125	Biofiltration Swale	Planned			9/15/2015	0.65	10/27/2015	5/7/2021		0.00	0.00	0.65	0.7	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	0.98	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	37.5	37.5	34.071971	-117.890125	Biofiltration Swale	Planned			9/15/2015	0.98	10/27/2015	5/7/2021		0.00	0.00	0.98	1.0	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	0.80	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	37.5	37.5	34.071971	-117.890125	Biofiltration Swale	Planned			9/15/2015	0.80	10/27/2015	5/7/2021		0.00	0.00	0.80	0.8	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	0.44	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	37.5	37.5	34.071971	-117.890125	Biofiltration Swale	Planned			9/15/2015	0.44	10/27/2015	5/7/2021		0.00	0.00	0.44	0.4	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	1.29	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	37.5	37.5	34.071971	-117.890125	Biofiltration Swale	Planned			9/15/2015	1.29	10/27/2015	5/7/2021		0.00	0.00	1.29	1.3	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	0.43	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	38	38	34.0719	-117.88141	Biofiltration Swale	Planned			9/15/2015	0.43	10/27/2015	5/7/2021		0.00	0.00	0.43	0.4	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	0.47	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	38	38	34.0719	-117.88141	Biofiltration Swale	Planned			9/15/2015	0.47	10/27/2015	5/7/2021		0.00	0.00	0.47	0.5	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	2.50	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	38.4	38.4	34.071818	-117.874434	Biofiltration Strip	Planned			9/15/2015	2.50	10/27/2015	5/7/2021		0.00	0.00	2.50	2.5	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	0.92	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	38.4	38.4	34.071818	-117.874434	Biofiltration Strip	Planned			9/15/2015	0.92	10/27/2015	5/7/2021		0.00	0.00	0.92	0.9	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	1.84	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	42.1	42.1	34.063902	-117.812291	Biofiltration Swale	Planned			9/15/2015	1.84	10/27/2015	5/7/2021		0.00	0.00	1.84	1.8	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	2.48	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	5	101	173	42.3	42.3	34.064453	-117.808894	Biofiltration Swale	Planned			9/15/2015	2.48	10/27/2015	5/7/2021		0.00	0.00	2.48	2.5	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	1.82	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	38.9	38.9	34.070912	-117.86589	Infiltration Basin	Planned			9/15/2015	1.82	10/27/2015	5/7/2021		0.00	0.00	1.82	1.8	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	3.73	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	38.9	38.9	34.070912	-117.86589	Sand Filter	Planned			9/15/2015	3.73	10/27/2015	5/7/2021		0.00	0.00	3.73	3.7	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	2.80	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	38.5	38.5	34.071794	-117.872688	Sand Filter	Planned			9/15/2015	2.80	10/27/2015	5/7/2021		0.00	0.00	2.80	2.8	NA	NA	Yes	NA	2015-2016
1193U4	D7 District Provided List of BMPs	No	LA	7	10	0.00	2.10	4	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	3	90	156	39.5	39.5	34.068134	-117.85615	Sand Filter	Planned			9/15/2015	2.10	10/27/2015	5/7/2021		0.00	0.00	2.10	2.1	NA	NA	Yes	NA	2015-2016
03-0F5901	Pavement Rehabilitation BIOF #1	No	SAC	3	5	20.00	tdb	5	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	2	75	136	14.758	14.758	38.464806	-121.496803	BioF - Biofiltration	PS&E			1/1/2010	0.00	12/31/2012			0.00	0.00	0.00	tdb	N/A	NA	Yes	NA	2015-2016
03-0F5901	Pavement Rehabilitation BIOF #2	No	SAC	3	5	tdb	tdb	5	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	2	75	136	14.792	14.792	38.465464	-121.496319	BioF - Biofiltration	PS&E			1/1/2010	0.00	12/31/2012			0.00	0.00	0.00	tdb	N/A	NA	Yes	NA	2015-2016
03-0F5901	Pavement Rehabilitation BIOF #3	No	SAC	3	5	tdb	tdb	5	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	2	75	136	15.414	15.414	38.473175	-121.501983	BioF - Biofiltration	PS&E			1/1/2010	0.00	12/31/2012			0.00	0.00	0.00	tdb	N/A	NA	Yes	NA	2015-2016
03-0F5901	Pavement Rehabilitation BIOF #4	No	SAC	3	5	tdb	tdb	5	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	2	75	136	15.999	15.999	38.4796	-121.506739	BioF - Biofiltration	PS&E			1/1/2010	0.00	12/31/2012			0.00	0.00	0.00	tdb	N/A	NA	Yes	NA	2015-2016
03-0F5901	Pavement Rehabilitation BIOF #5	No	SAC	3	5	tdb	tdb	5	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	2	75	136	16.044	16.044	38.479792	-121.509392	BioF - Biofiltration	PS&E			1/1/2010	0.00	12/31/2012			0.00	0.00	0.00	tdb	N/A	NA	Yes	NA	2015-2016
03-0F5901	Pavement Rehabilitation BIOF #6	No	SAC	3	5	tdb	tdb	5	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	2	75	136	16.257	16.257	38.482639	-121.511603	BioF - Biofiltration	PS&E			1/1/2010	0.00	12/31/2012			0.00	0.00	0.00	tdb	N/A	NA	Yes	NA	2015-2016
03-0F5901	Pavement Rehabilitation BIOF #7	No	SAC	3	5	tdb	tdb	5	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	2	75	136	16.595	16.595	38.487475	-121.512892	BioF - Biofiltration	PS&E			1/1/2010	0.00	12/31/2012			0.00	0.00	0.00	tdb	N/A	NA	Yes	NA	2015-2016
03-0F5901	Pavement Rehabilitation BIOF #8	No	SAC	3	5	tdb	tdb	5	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	2	75	136	16.595	16.595	38.487286	-121.513531	BioF - Biofiltration	PS&E			1/1/2010	0.00	12/31/2012			0.00	0.00	0.00	tdb	N/A	NA	Yes	NA	2015-2016
03-0F5901	Pavement Rehabilitation BIOF #9	No	SAC	3	5	tdb	tdb	5	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	2	75	136	17.095	17.095	38.494	-121.516803	BioF - Biofiltration	PS&E			1/1/2010	0.00	12/31/2012			0.00	0.00	0.00	tdb	N/A	NA	Yes	NA	2015-2016
03-0F5901	Pavement Rehabilitation BIOF #10	No	SAC	3	5	tdb	tdb	5	B	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	2	75	136	17.06	17.06	38.494169	-121.514814	BioF - Biofiltration	PS&E			1/1/2010	0.00	12/31/2012			0.00	0.00	0.00	tdb	N/A	NA	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #1	Yes	ED	3	89	N/A	0.10	6	N/A	Lake Tahoe (Sediment and Nutrients)	2	164	240	0.078	0.078	38.788319	-119.946683	Traction Sand Traps	PS&E			5/1/2009	0.10	10/15/2011			0.00	0.00	0.10	0.1	N/A	38.2			

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)								Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed	
								RB	Pollutant Category	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs								
								Beg PM	End PM	Lat. (N)	Long. (W)	Total Maximum Daily Load																					
03-1AB411	Water Quality Improvement Project TSTs #35	Yes	ED	3	89	N/A	0.28	6	N/A	2	164	240	3.207	3.207	38.793358	-119.996403	Traction Sand Traps	PS&E		5/1/2009	0.28	10/15/2011			0.00	0.00	0.28	0.3	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #36	Yes	ED	3	89	N/A	0.31	6	N/A	2	164	240	3.276	3.276	38.792639	-119.997308	Traction Sand Traps	PS&E		5/1/2009	0.31	10/15/2011			0.00	0.00	0.31	0.3	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #37	Yes	ED	3	89	N/A	0.48	6	N/A	2	164	240	3.381	3.381	38.791289	-119.998431	Traction Sand Traps	PS&E		5/1/2009	0.48	10/15/2011			0.00	0.00	0.48	0.5	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #38	Yes	ED	3	89	N/A	0.44	6	N/A	2	164	240	3.443	3.443	38.790375	-119.998939	Traction Sand Traps	PS&E		5/1/2009	0.44	10/15/2011			0.00	0.00	0.44	0.4	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #39	Yes	ED	3	89	N/A	0.04	6	N/A	2	164	240	3.486	3.486	38.789767	-119.999331	Traction Sand Traps	PS&E		5/1/2009	0.04	10/15/2011			0.00	0.00	0.04	0.0	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #40	Yes	ED	3	89	N/A	0.04	6	N/A	2	164	240	3.642	3.642	38.787581	-120.000722	Traction Sand Traps	PS&E		5/1/2009	0.04	10/15/2011			0.00	0.00	0.04	0.0	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #41	Yes	ED	3	89	N/A	0.35	6	N/A	2	164	240	3.748	3.748	38.78675	-120.002281	Traction Sand Traps	PS&E		5/1/2009	0.35	10/15/2011			0.00	0.00	0.35	0.3	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #42	Yes	ED	3	89	N/A	0.21	6	N/A	2	164	240	3.748	3.748	38.786664	-120.002281	Traction Sand Traps	PS&E		5/1/2009	0.21	10/15/2011			0.00	0.00	0.21	0.2	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #43	Yes	ED	3	89	N/A	0.01	6	N/A	2	164	240	3.742	3.742	38.786694	-120.002161	Traction Sand Traps	PS&E		5/1/2009	0.01	10/15/2011			0.00	0.00	0.01	0.0	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #44	Yes	ED	3	89	N/A	0.06	6	N/A	2	164	240	3.812	3.812	38.786431	-120.003311	Traction Sand Traps	PS&E		5/1/2009	0.06	10/15/2011			0.00	0.00	0.06	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #45	Yes	ED	3	89	N/A	0.02	6	N/A	2	164	240	3.828	3.828	38.786261	-120.003544	Traction Sand Traps	PS&E		5/1/2009	0.02	10/15/2011			0.00	0.00	0.02	0.0	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #46	Yes	ED	3	89	N/A	0.45	6	N/A	2	164	240	3.948	3.948	38.786147	-120.005525	Traction Sand Traps	PS&E		5/1/2009	0.45	10/15/2011			0.00	0.00	0.45	0.4	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #47	Yes	ED	3	89	N/A	0.32	6	N/A	2	164	240	4.026	4.026	38.786356	-120.006794	Traction Sand Traps	PS&E		5/1/2009	0.32	10/15/2011			0.00	0.00	0.32	0.3	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #48	Yes	ED	3	89	N/A	0.36	6	N/A	2	164	240	4.114	4.114	38.786981	-120.008108	Traction Sand Traps	PS&E		5/1/2009	0.36	10/15/2011			0.00	0.00	0.36	0.4	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #49	Yes	ED	3	89	N/A	0.25	6	N/A	2	164	240	4.182	4.182	38.787783	-120.0089	Traction Sand Traps	PS&E		5/1/2009	0.25	10/15/2011			0.00	0.00	0.25	0.2	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #50	Yes	ED	3	89	N/A	0.43	6	N/A	2	164	240	4.296	4.296	38.789517	-120.009722	Traction Sand Traps	PS&E		5/1/2009	0.43	10/15/2011			0.00	0.00	0.43	0.4	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #51	Yes	ED	3	89	N/A	0.16	6	N/A	2	164	240	4.299	4.299	38.789511	-120.009869	Traction Sand Traps	PS&E		5/1/2009	0.16	10/15/2011			0.00	0.00	0.16	0.2	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #52	Yes	ED	3	89	N/A	0.16	6	N/A	2	164	240	4.298	4.298	38.789553	-120.009725	Traction Sand Traps	PS&E		5/1/2009	0.16	10/15/2011			0.00	0.00	0.16	0.2	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #53	Yes	ED	3	89	N/A	0.18	6	N/A	2	164	240	4.301	4.301	38.789542	-120.009878	Traction Sand Traps	PS&E		5/1/2009	0.18	10/15/2011			0.00	0.00	0.18	0.2	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #54	Yes	ED	3	89	N/A	0.07	6	N/A	2	164	240	4.376	4.376	38.790733	-120.010283	Traction Sand Traps	PS&E		5/1/2009	0.07	10/15/2011			0.00	0.00	0.07	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #55	Yes	ED	3	89	N/A	0.06	6	N/A	2	164	240	4.381	4.381	38.790753	-120.010417	Traction Sand Traps	PS&E		5/1/2009	0.06	10/15/2011			0.00	0.00	0.06	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #56	Yes	ED	3	89	N/A	0.36	6	N/A	2	164	240	4.407	4.407	38.791181	-120.010592	Traction Sand Traps	PS&E		5/1/2009	0.36	10/15/2011			0.00	0.00	0.36	0.4	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #57	Yes	ED	3	89	N/A	0.24	6	N/A	2	164	240	4.586	4.586	38.794114	-120.01075	Traction Sand Traps	PS&E		5/1/2009	0.24	10/15/2011			0.00	0.00	0.24	0.2	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #58	Yes	ED	3	89	N/A	0.20	6	N/A	2	164	240	4.631	4.631	38.794836	-120.010478	Traction Sand Traps	PS&E		5/1/2009	0.20	10/15/2011			0.00	0.00	0.20	0.2	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #59	Yes	ED	3	89	N/A	0.11	6	N/A	2	164	240	4.675	4.675	38.795553	-120.010275	Traction Sand Traps	PS&E		5/1/2009	0.11	10/15/2011			0.00	0.00	0.11	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #60	Yes	ED	3	89	N/A	0.11	6	N/A	2	164	240	4.68	4.68	38.795586	-120.010131	Traction Sand Traps	PS&E		5/1/2009	0.11	10/15/2011			0.00	0.00	0.11	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #61	Yes	ED	3	89	N/A	0.01	6	N/A	2	164	240	4.695	4.695	38.795806	-120.010028	Traction Sand Traps	PS&E		5/1/2009	0.01	10/15/2011			0.00	0.00	0.01	0.0	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #62	Yes	ED	3	89	N/A	0.16	6	N/A	2	164	240	4.743	4.743	38.796608	-120.009914	Traction Sand Traps	PS&E		5/1/2009	0.16	10/15/2011			0.00	0.00	0.16	0.2	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #63	Yes	ED	3	89	N/A	0.08	6	N/A	2	164	240	4.764	4.764	38.796917	-120.009703	Traction Sand Traps	PS&E		5/1/2009	0.08	10/15/2011			0.00	0.00	0.08	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #64	Yes	ED	3	89	N/A	0.12	6	N/A	2	164	240	4.799	4.799	38.797492	-120.009556	Traction Sand Traps	PS&E		5/1/2009	0.12	10/15/2011			0.00	0.00	0.12	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #65	Yes	ED	3	89	N/A	0.06	6	N/A	2	164	240	4.799	4.799	38.797525	-120.009672	Traction Sand Traps	PS&E		5/1/2009	0.06	10/15/2011			0.00	0.00	0.06	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #66	Yes	ED	3	89	N/A	0.07	6	N/A	2	164	240	4.802	4.802	38.797547	-120.009561	Traction Sand Traps	PS&E		5/1/2009	0.07	10/15/2011			0.00	0.00	0.07	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #67	Yes	ED	3	89	N/A	0.05	6	N/A	2	164	240	4.808	4.808	38.797661	-120.009592	Traction Sand Traps	PS&E		5/1/2009	0.05	10/15/2011			0.00	0.00	0.05	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #68	Yes	ED	3	89	N/A	0.06	6	N/A	2	164	240	4.863	4.863	38.798539	-120.009361	Traction Sand Traps	PS&E		5/1/2009	0.06	10/15/2011			0.00	0.00	0.06	0.1	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #69	Yes	ED	3	89	N/A	0.15	6	N/A	2	164	240	4.942	4.942	38.798689	-120.009183	Traction Sand Traps	PS&E		5/1/2009	0.15	10/15/2011			0.00	0.00	0.15	0.2	N/A	38.2	Yes	NA	2015-2016
03-1AB411	Water Quality Improvement Project TSTs #70	Yes	ED	3																													

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed		
								RB	Pollutant Category	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs								Cooperative Implementation CUs	
												Total Maximum Daily Load	Beg PM	End PM	Lat. (N)																		Long. (W)
03-1A8411	Water Quality Improvement Project TSTs #102	Yes	ED	3	89	N/A	0.14	6	N/A	2	164	240	6	6	38.815189	-120.016661	Traction Sand Traps	PS&E		5/1/2009	0.14	10/15/2011			0.00	0.00	0.14	0.1	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project TSTs #103	Yes	ED	3	89	N/A	0.14	6	N/A	2	164	240	5.996	5.996	38.8152	-120.016522	Traction Sand Traps	PS&E		5/1/2009	0.14	10/15/2011			0.00	0.00	0.14	0.1	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project TSTs #104	Yes	ED	3	89	N/A	0.25	6	N/A	2	164	240	6.295	6.295	38.819189	-120.018436	Traction Sand Traps	PS&E		5/1/2009	0.25	10/15/2011			0.00	0.00	0.25	0.3	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project TSTs #105	Yes	ED	3	89	N/A	0.48	6	N/A	2	164	240	6.297	6.297	38.819222	-120.018406	Traction Sand Traps	PS&E		5/1/2009	0.48	10/15/2011			0.00	0.00	0.48	0.5	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project TSTs #106	Yes	ED	3	89	N/A	0.14	6	N/A	2	164	240	6.72	6.72	38.825433	-120.018156	Traction Sand Traps	PS&E		5/1/2009	0.14	10/15/2011			0.00	0.00	0.14	0.1	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project TSTs #107	Yes	ED	3	89	N/A	0.29	6	N/A	2	164	240	6.72	6.72	38.825433	-120.018156	Traction Sand Traps	PS&E		5/1/2009	0.29	10/15/2011			0.00	0.00	0.29	0.3	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project TSTs #108	Yes	ED	3	89	N/A	0.43	6	N/A	2	164	240	7.492	7.492	38.836728	-120.017272	Traction Sand Traps	PS&E		5/1/2009	0.43	10/15/2011			0.00	0.00	0.43	0.4	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project TSTs #109	Yes	ED	3	89	N/A	0.28	6	N/A	2	164	240	8.538	8.538	38.850964	-120.022089	Traction Sand Traps	PS&E		5/1/2009	0.28	10/15/2011			0.00	0.00	0.28	0.3	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project TSTs #110	Yes	ED	3	89	N/A	0.32	6	N/A	2	164	240	8.486	8.486	38.850208	-120.021819	Traction Sand Traps	PS&E		5/1/2009	0.32	10/15/2011			0.00	0.00	0.32	0.3	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project VS #1	Yes	ED	3	89	N/A	0.29	6	N/A	2	164	240	3.208	3.208	38.793453	-119.996489	Biofiltration Swale	PS&E		5/1/2009	0.29	10/15/2011			0.00	0.00	0.29	0.3	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project VS #2	Yes	ED	3	89	N/A	0.31	6	N/A	2	164	240	3.22	3.22	38.793356	-119.996669	Biofiltration Swale	PS&E		5/1/2009	0.31	10/15/2011			0.00	0.00	0.31	0.3	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project VS #3	Yes	ED	3	89	N/A	0.14	6	N/A	2	164	240	6.006	6.006	38.8154	-120.016497	Biofiltration Swale	PS&E		5/1/2009	0.14	10/15/2011			0.00	0.00	0.14	0.1	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project VS #4	Yes	ED	3	89	N/A	0.22	6	N/A	2	164	240	6.105	6.105	38.816528	-120.017589	Biofiltration Swale	PS&E		5/1/2009	0.22	10/15/2011			0.00	0.00	0.22	0.2	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project VS #5	Yes	ED	3	89	N/A	0.38	6	N/A	2	164	240	6.349	6.349	38.82	-120.018767	Biofiltration Swale	PS&E		5/1/2009	0.38	10/15/2011			0.00	0.00	0.38	0.4	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project VS #6	Yes	ED	3	89	N/A	0.36	6	N/A	2	164	240	6.715	6.715	38.825369	-120.0182	Biofiltration Swale	PS&E		5/1/2009	0.36	10/15/2011			0.00	0.00	0.36	0.4	N/A	38.2	Yes	NA	2015-2016
03-1A8411	Water Quality Improvement Project VS #7	Yes	ED	3	89	N/A	0.18	6	N/A	2	164	240	7.994	7.994	38.843989	-120.018414	Biofiltration Swale	PS&E		5/1/2009	0.18	10/15/2011			0.00	0.00	0.18	0.2	N/A	38.2	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #1	Yes	ED	3	89	N/A	0.17	6	N/A	1	158	234	19.123	19.123	38.972608	-120.098711	Detention Basin	PS&E		9/1/2013	0.17	10/31/2015			0.00	0.00	0.17	0.2	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #2	Yes	ED	3	89	N/A	0.16	6	N/A	1	158	234	19.202	19.202	38.973778	-120.098922	Detention Basin	PS&E		9/1/2013	0.16	10/31/2015			0.00	0.00	0.16	0.2	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #3	Yes	ED	3	89	N/A	0.38	6	N/A	1	158	234	19.577	19.577	38.977947	-120.103131	Detention Basin	PS&E		9/1/2013	0.38	10/31/2015			0.00	0.00	0.38	0.4	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #4	Yes	ED	3	89	N/A	0.25	6	N/A	1	158	234	19.606	19.606	38.978025	-120.103647	Detention Basin	PS&E		9/1/2013	0.25	10/31/2015			0.00	0.00	0.25	0.3	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #5	Yes	ED	3	89	N/A	0.22	6	N/A	1	158	234	19.632	19.632	38.978519	-120.103653	Detention Basin	PS&E		9/1/2013	0.22	10/31/2015			0.00	0.00	0.22	0.2	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #6	Yes	ED	3	89	N/A	0.04	6	N/A	1	158	234	19.837	19.837	38.981572	-120.104703	Detention Basin	PS&E		9/1/2013	0.04	10/31/2015			0.00	0.00	0.04	0.0	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #7	Yes	ED	3	89	N/A	0.33	6	N/A	1	158	234	19.651	19.651	38.978728	-120.10405	Detention Basin	PS&E		9/1/2013	0.33	10/31/2015			0.00	0.00	0.33	0.3	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #8	Yes	ED	3	89	N/A	0.01	6	N/A	1	158	234	19.663	19.663	38.978964	-120.103797	Detention Basin	PS&E		9/1/2013	0.01	10/31/2015			0.00	0.00	0.01	0.0	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #9	Yes	ED	3	89	N/A	0.11	6	N/A	1	158	234	19.671	19.671	38.979078	-120.103792	Detention Basin	PS&E		9/1/2013	0.11	10/31/2015			0.00	0.00	0.11	0.1	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #10	Yes	ED	3	89	N/A	0.10	6	N/A	1	158	234	19.687	19.687	38.979336	-120.103803	Detention Basin	PS&E		9/1/2013	0.10	10/31/2015			0.00	0.00	0.10	0.1	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #11	Yes	ED	3	89	N/A	0.13	6	N/A	1	158	234	19.723	19.723	38.979928	-120.103856	Detention Basin	PS&E		9/1/2013	0.13	10/31/2015			0.00	0.00	0.13	0.1	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #12	Yes	ED	3	89	N/A	0.20	6	N/A	1	158	234	19.784	19.784	38.980858	-120.104231	Detention Basin	PS&E		9/1/2013	0.20	10/31/2015			0.00	0.00	0.20	0.2	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #13	Yes	ED	3	89	N/A	0.02	6	N/A	1	158	234	19.903	19.903	38.981886	-120.105794	Detention Basin	PS&E		9/1/2013	0.02	10/31/2015			0.00	0.00	0.02	0.0	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #14	Yes	ED	3	89	N/A	0.11	6	N/A	1	158	234	20.286	20.286	38.986792	-120.107581	Detention Basin	PS&E		9/1/2013	0.11	10/31/2015			0.00	0.00	0.11	0.1	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #15	Yes	ED	3	89	N/A	0.27	6	N/A	1	158	234	20.457	20.457	38.989847	-120.109272	Detention Basin	PS&E		9/1/2013	0.27	10/31/2015			0.00	0.00	0.27	0.3	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #16	Yes	ED	3	89	N/A	0.04	6	N/A	1	158	234	20.482	20.482	38.989208	-120.109567	Detention Basin	PS&E		9/1/2013	0.04	10/31/2015			0.00	0.00	0.04	0.0	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #17	Yes	ED	3	89	N/A	0.36	6	N/A	1	158	234	20.602	20.602	38.990594	-120.110381	Detention Basin	PS&E		9/1/2013	0.36	10/31/2015			0.00	0.00	0.36	0.4	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #18	Yes	ED	3	89	N/A	0.19	6	N/A	1	158	234	20.925	20.925	38.994775	-120.108339	Detention Basin	PS&E		9/1/2013	0.19	10/31/2015			0.00	0.00	0.19	0.2	N/A	21.9	Yes	NA	2015-2016
03-1A8441	Environmental Improvement Program DetBas #19	Yes	ED	3	89	N/A	0.02	6	N/A	1	158	234	21.069	21.069	38.99655	-120.109808	Detention Basin	PS&E		9/1/2013	0.02	10/31/2015			0.00	0.00	0.02	0.0	N/A	21.9	Yes		

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs	
								Beg PM	End PM	Lat. (N)	Long. (W)																							
03-3C380	I-50 Water Quality (BMP ID Proposed Basin 14)	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	2	164	240	77.306	77.306	38.93106	-119.979172	Infiltration Basin	PA/ED		6/1/2012	0.00	6/1/2013			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-3C380	I-50 Water Quality (BMP ID Proposed Basin 17)	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	2	164	240	77.133	77.133	38.929794	-119.981882	Infiltration Basin	PA/ED		6/1/2012	0.00	6/1/2013			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #1	No	PLA	3	28	1.48	5	B	Truckee River (Sediment)	1	160	236	0.77	0.77	39.175159	-120.136426	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #2	No	PLA	3	28		5	B	Truckee River (Sediment)	1	160	236	0.78	0.78	39.175257	-120.136295	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #3	No	PLA	3	28		5	B	Truckee River (Sediment)	1	160	236	0.84	0.84	39.175877	-120.135503	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #4	No	PLA	3	28		5	B	Truckee River (Sediment)	1	160	236	0.86	0.86	39.176084	-120.13523	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #5	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	2.09	2.09	39.187757	-120.118611	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #6	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	2.2	2.2	39.188517	-120.116925	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #7	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	2.3	2.3	39.189193	-120.115377	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #8	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	2.4	2.4	39.189761	-120.1138	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #9	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	2.48	2.48	39.189967	-120.112486	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #10	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	2.5	2.5	39.189994	-120.112165	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #11	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	2.59	2.59	39.190078	-120.110667	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #12	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	2.95	2.95	39.191916	-120.105196	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #13	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	3.47	3.47	39.197232	-120.099342	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #14	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	6.52	6.52	39.227954	-120.071573	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #15	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	8.18	8.18	39.240043	-120.051403	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement BIOS #16	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	8.79	8.79	39.238924	-120.04101	Biofiltration Swale	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement INFIL #1	No	PLA	3	28		5	B	Truckee River (Sediment)	1	160	236	0.96	0.96	39.176901	-120.133763	Infiltration Basin	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement INFIL #2	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	2.66	2.66	39.190138	-120.109511	Infiltration Basin	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement INFIL #3	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	2.74	2.74	39.190273	-120.108194	Infiltration Basin	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement INFIL #4	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	3.24	3.24	39.194485	-120.10127	Infiltration Basin	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement INFIL #5	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	3.29	3.29	39.194757	-120.100492	Infiltration Basin	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement INFIL #6	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	3.47	3.47	39.197232	-120.099342	Infiltration Basin	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement INFIL #7	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	3.53	3.53	39.198049	-120.098823	Infiltration Basin	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement INFIL #8	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	3.58	3.58	39.198323	-120.098055	Infiltration Basin	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement INFIL #9	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	3.66	3.66	39.198647	-120.096793	Infiltration Basin	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-2A9401	SR-28 Water Quality Improvement INFIL #10	Yes	ED	3	89	N/A	5	N/A	Lake Tahoe (Sediment and Nutrients)	1	158	234	6.49	6.49	39.227709	-120.072021	Infiltration Basin	PS&E		5/1/2008	0.00	11/30/2010			0.00	0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
03-374221	STIP BIOS #1	No	YOLO	3	5	4.09	0.82	5	B	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	1	74	135	6.83	6.83	38.680966	-121.748394	Biofiltration Swale	PS&E		5/1/2010	0.00	10/31/2012			0.00	0.00	0.00	0.8	N/A	NA	Yes	NA	2015-2016
04-264131	SR-12 Roadway Widening (BMP ID 1)	No	NAP	4	12	13.52	0.86	2	B	Napa River (Sediment)	1	26	58	0.04	0.24	38.223096	-122.257118	Biofiltration Strip	PS&E		5/1/2011	5.72	5/30/2012			0.00	0.00	5.72	0.9	N/A	NA	Yes	3.3	2015-2016
04-264131	SR-12 Roadway Widening (BMP ID 2)	No	NAP	4	12		0.31	2	B	Napa River (Sediment)	1	26	58	0.29	0.37	38.2225	-122.252483	Biofiltration Strip	PS&E		5/1/2011		5/30/2012			0.00	0.00	0.3	N/A	NA	Yes	3.3	2015-2016	
04-264131	SR-12 Roadway Widening (BMP ID 3)	No	NAP	4	12		0.27	2	B	Napa River (Sediment)	1	26	58	0.47	0.53	38.222098	-122.249496	Biofiltration Strip	PS&E		5/1/2011		5/30/2012			0.00	0.00	0.3	N/A	NA	Yes	3.3	2015-2016	
04-264131	SR-12 Roadway Widening (BMP ID 4)	No	NAP	4	12		0.82	2	B	Napa River (Sediment)	1	26	58	0.5	0.53	38.222001	-122.249001	Biofiltration Swale	PS&E		5/1/2011		5/30/2012			0.00	0.00	0.8	N/A	NA	Yes	3.3	2015-2016	
04-264131	SR-12 Roadway Widening (BMP ID 5)	No	NAP	4	12		1.67	2	B	Napa River (Sediment)	1	26	58	0.55	0.56	38.221828	-122.248181	Biofiltration Swale	PS&E		5/1/2011		5/30/2012			0.00	0.00	1.7	N/A	NA	Yes	3.3	2015-2016	
04-264131	SR-12 Roadway Widening (BMP ID 6)	No	NAP	4	12		1.39	2	B	Napa River (Sediment)	1	26	58	0.72	0.75	38.221283	-122.245391	Biofiltration Swale	PS&E		5/1/2011		5/30/2012			0.00	0.00	1.4	N/A	NA	Yes	3.3	2015-2016	
04-264131	SR-12 Roadway Widening (BMP ID 7)	No	NAP	4	12																													

Project ID	Project Name	Retrofit (installing BMPs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type					Compliance Units (CUs)					Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date								BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs
													Beg PM	End PM	Lat. (N)	Long. (W)																	
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.47	2	B	San Francisco Bay (Mercury)	10	99	170	24.83	24.83	38.155106	-122.568158	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.5	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.94	2	B	San Francisco Bay (Mercury)	10	99	170	24.94	24.94	38.156628	-122.568679	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.9	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.34	2	B	San Francisco Bay (Mercury)	10	99	170	25.29	25.29	38.160575	-122.571827	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.02	2	B	San Francisco Bay (Mercury)	10	99	170	25.37	25.37	38.161268	-122.572778	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.0	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.60	2	B	San Francisco Bay (Mercury)	10	99	170	25.35	25.35	38.161095	-122.57254	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.6	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.10	2	B	San Francisco Bay (Mercury)	10	99	170	25.58	25.58	38.163301	-122.575571	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.19	2	B	San Francisco Bay (Mercury)	10	99	170	26.87	26.87	38.17633	-122.593763	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	1.01	2	B	San Francisco Bay (Mercury)	10	99	170	25.25	25.25	38.160225	-122.571359	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	1.0	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.34	2	B	San Francisco Bay (Mercury)	10	99	170	25.51	25.51	38.162584	-122.574589	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.03	2	B	San Francisco Bay (Mercury)	10	99	170	25.5	25.5	38.162482	-122.574448	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.0	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.16	2	B	San Francisco Bay (Mercury)	10	99	170	25.52	25.52	38.162686	-122.574729	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.73	2	B	San Francisco Bay (Mercury)	10	99	170	25.56	25.56	38.163095	-122.575292	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.7	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.17	2	B	San Francisco Bay (Mercury)	10	99	170	25.88	25.88	38.166529	-122.57965	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.65	2	B	San Francisco Bay (Mercury)	10	99	170	25.95	25.95	38.167183	-122.580681	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.7	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.38	2	B	San Francisco Bay (Mercury)	10	99	170	26.08	26.08	38.168385	-122.582588	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.4	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	1.01	2	B	San Francisco Bay (Mercury)	10	99	170	26.18	26.18	38.169309	-122.584053	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	1.0	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.51	2	B	San Francisco Bay (Mercury)	10	99	170	26.47	26.47	38.172193	-122.588187	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.5	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	1.07	2	B	San Francisco Bay (Mercury)	10	99	170	26.56	26.56	38.173124	-122.589443	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	1.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.33	2	B	San Francisco Bay (Mercury)	10	99	170	26.6	26.6	38.163508	-122.575848	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.12	2	B	San Francisco Bay (Mercury)	10	99	170	25.46	25.46	38.162074	-122.573886	Biofiltration Strip	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.17	2	B	San Francisco Bay (Mercury)	10	99	170	23.23	23.26	38.135197	-122.563853	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.27	2	B	San Francisco Bay (Mercury)	10	99	170	23.49	23.63	38.136104	-122.563908	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.18	2	B	San Francisco Bay (Mercury)	10	99	170	23.63	23.72	38.138152	-122.564056	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.06	2	B	San Francisco Bay (Mercury)	10	99	170	23.78	23.8	38.140339	-122.564211	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.18	2	B	San Francisco Bay (Mercury)	10	99	170	23.81	23.89	38.140778	-122.564244	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.10	2	B	San Francisco Bay (Mercury)	10	99	170	23.9	23.96	38.142091	-122.564344	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.09	2	B	San Francisco Bay (Mercury)	10	99	170	23.96	24	38.142966	-122.564411	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.06	2	B	San Francisco Bay (Mercury)	10	99	170	24	24.11	38.143355	-122.564456	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.23	2	B	San Francisco Bay (Mercury)	10	99	170	24.11	24.15	38.14514	-122.564718	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.14	2	B	San Francisco Bay (Mercury)	10	99	170	24.15	24.22	38.145698	-122.564902	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.06	2	B	San Francisco Bay (Mercury)	10	99	170	24.22	24.25	38.146668	-122.565238	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.04	2	B	San Francisco Bay (Mercury)	10	99	170	24.25	24.28	38.147083	-122.565383	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.0	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.16	2	B	San Francisco Bay (Mercury)	10	99	170	24.28	24.36	38.147498	-122.565527	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.26	2	B	San Francisco Bay (Mercury)	10	99	170	24.49	24.72	38.150398	-122.566536	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.11	2	B	San Francisco Bay (Mercury)	10	99	170	24.72	24.82	38.153582	-122.567637	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.09	2	B	San Francisco Bay (Mercury)	10	99	170	24.82	24.9	38.154967	-122.568111	Biofiltration Swale	PS&E		6/1/2012			6/30/2014	0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016		
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101																												

Project ID	Project Name	Retrofit (installing BMPs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed						
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (€)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs				
								Beg PM	End PM	Lat. (N)	Long. (W)	Beg PM	End PM	Lat. (N)	Long. (W)																						
04-264131	SR-12 Roadway Widening (BMP ID 23)	No	NAP	4	12	0.84	2	B	San Francisco Bay (Mercury)	6	109	184	2.32	2.35	38.215005	-122.219735	Biofiltration Swale	PS&E				5/1/2011	22.71	5/30/2012					0.00	0.00	22.71	1.9	N/A	NA	Yes	NA	2015-2016
04-264131	SR-12 Roadway Widening (BMP ID 24)	No	NAP	4	12	1.40	2	B	San Francisco Bay (Mercury)	6	109	184	2.6	2.62	38.213678	-122.21524	Biofiltration Swale	PS&E				5/1/2011	22.71	5/30/2012					0.00	0.00	22.71	1.4	N/A	NA	Yes	NA	2015-2016
04-264131	SR-12 Roadway Widening (BMP ID 25)	No	NAP	4	12	1.28	2	B	San Francisco Bay (Mercury)	6	109	184	2.78	2.8	38.212793	-122.212362	Biofiltration Swale	PS&E				5/1/2011	22.71	5/30/2012					0.00	0.00	22.71	1.3	N/A	NA	Yes	NA	2015-2016
04-264131	SR-12 Roadway Widening (BMP ID 25-1)	No	NAP	4	12	0.18	2	B	San Francisco Bay (Mercury)	6	109	184	3.11	3.12	38.211106	-122.207127	Biofiltration Swale	PS&E				5/1/2011	22.71	5/30/2012					0.00	0.00	22.71	0.2	N/A	NA	Yes	NA	2015-2016
04-264131	SR-12 Roadway Widening (BMP ID 25-2)	No	NAP	4	12	0.18	2	B	San Francisco Bay (Mercury)	6	109	184	3.12	3.13	38.211032	-122.206978	Biofiltration Swale	PS&E				5/1/2011	22.71	5/30/2012					0.00	0.00	22.71	0.2	N/A	NA	Yes	NA	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 1)	No	SCL	4	101	1.92	2	B	San Francisco Bay (Mercury)	1	96	168	33	33	37.318135	-121.83123	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	1.9	N/A	88.5	Yes	14.5	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 2)	No	SCL	4	101	1.54	2	B	San Francisco Bay (Mercury)	1	96	168	33	33	37.318135	-121.83123	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	1.5	N/A	88.5	Yes	14.5	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 3)	No	SCL	4	101	3.06	2	B	San Francisco Bay (Mercury)	1	96	168	33	33	37.318135	-121.83123	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	3.1	N/A	88.5	Yes	14.5	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 4)	No	SCL	4	101	0.93	2	B	San Francisco Bay (Mercury)	1	96	168	33	33	37.318135	-121.83123	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	0.9	N/A	88.5	Yes	14.5	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 5)	No	SCL	4	101	7.17	2	B	San Francisco Bay (Mercury)	1	96	168	34	34	37.329664	-121.842239	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	7.2	N/A	88.5	Yes	14.5	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 6)	No	SCL	4	101	1.59	2	B	San Francisco Bay (Mercury)	1	96	168	32	32.1	37.30664	-121.820119	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	1.6	N/A	88.5	Yes	14.5	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 7)	No	SCL	4	101	0.88	2	B	San Francisco Bay (Mercury)	1	96	168	32.2	32.2	37.308932	-121.822354	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	0.9	N/A	88.5	Yes	14.5	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 8)	No	SCL	4	101	2.36	2	B	San Francisco Bay (Mercury)	1	96	168	32.4	32.4	37.311242	-121.824563	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	2.4	N/A	88.5	Yes	14.5	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 9)	No	SCL	4	101	2.09	2	B	San Francisco Bay (Mercury)	1	96	168	32.5	32.5	37.31239	-121.825676	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	2.1	N/A	88.5	Yes	14.5	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 10)	No	SCL	4	101	1.30	2	B	San Francisco Bay (Mercury)	1	96	168	32.6	32.6	37.313539	-121.826784	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	1.3	N/A	88.5	Yes	14.5	2015-2016
04-1A9801	I-101 Highway Improvements (BMP ID 11)	No	SCL	4	101	1.35	2	B	San Francisco Bay (Mercury)	1	96	168	32	32	37.30664	-121.820119	Biofiltration Swale	PS&E				3/1/2010	22.71	12/21/2012					0.00	0.00	22.71	1.4	N/A	88.5	Yes	14.5	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	0.27	2	B	San Francisco Bay (Mercury)	10	99	170	18.836	18.836	38.076457	-122.544233	Biofiltration Strip	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	0.3	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	0.91	2	B	San Francisco Bay (Mercury)	10	99	170	18.739	18.739	38.076104	-122.542611	Biofiltration Strip	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	0.9	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	0.25	2	B	San Francisco Bay (Mercury)	10	99	170	18.762	18.762	38.076321	-122.542905	Biofiltration Swale	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	0.3	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	1.00	2	B	San Francisco Bay (Mercury)	10	99	170	18.925	18.925	38.078139	-122.544578	Biofiltration Strip	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	1.0	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	0.95	2	B	San Francisco Bay (Mercury)	10	99	170	19.024	19.024	38.079107	-122.545758	Biofiltration Swale	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	1.0	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	1.12	2	B	San Francisco Bay (Mercury)	10	99	170	19.611	19.611	38.086053	-122.552151	Biofiltration Strip	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	1.1	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	1.18	2	B	San Francisco Bay (Mercury)	10	99	170	19.706	19.706	38.086677	-122.553692	Biofiltration Strip	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	1.2	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	0.88	2	B	San Francisco Bay (Mercury)	10	99	170	19.811	19.811	38.088285	-122.554467	Biofiltration Strip	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	0.9	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	1.19	2	B	San Francisco Bay (Mercury)	10	99	170	20.066	20.066	38.090676	-122.557917	Biofiltration Strip	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	1.2	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	1.52	2	B	San Francisco Bay (Mercury)	10	99	170	20.051	20.051	38.09086	-122.557326	Biofiltration Swale	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	1.5	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	0.79	2	B	San Francisco Bay (Mercury)	10	99	170	20.263	20.263	38.09319	-122.55967	Biofiltration Strip	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	0.8	N/A	NA	Yes	NA	2015-2016
04-264061	I-101 Realignment and Widening	No	MRN	4	101	0.45	2	B	San Francisco Bay (Mercury)	10	99	170	20.238	20.238	38.093752	-122.558805	Biofiltration Strip	PS&E				10/1/2010	4.59	11/30/2015					0.00	0.00	4.59	0.5	N/A	NA	Yes	NA	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 1)	No	MRN	4	101	0.63	2	C	San Francisco Bay (PCBs)	10	99	256	23.66	23.26	38.13859	-122.564088	Biofiltration Strip	PS&E				6/1/2012	4.59	6/30/2014					0.00	0.00	4.59	0.6	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 2)	No	MRN	4	101	0.07	2	C	San Francisco Bay (PCBs)	10	99	256	23.8	23.8	38.140632	-122.564233	Biofiltration Strip	PS&E				6/1/2012	4.59	6/30/2014					0.00	0.00	4.59	0.1	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 3)	No	MRN	4	101	0.78	2	C	San Francisco Bay (PCBs)	10	99	256	23.81	23.81	38.140778	-122.564244	Biofiltration Strip	PS&E				6/1/2012	4.59	6/30/2014					0.00	0.00	4.59	0.8	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 4)	No	MRN	4	101	0.49	2	C	San Francisco Bay (PCBs)	10	99	256	24.21	24.21	38.146529	-122.56519	Biofiltration Strip	PS&E				6/1/2012	4.59	6/30/2014					0.00	0.00	4.59	0.5	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 5)	No	MRN	4	101	0.03	2	C	San Francisco Bay (PCBs)	10	99	256	24.46	24.46	38.149984	-122.566392	Biofiltration Strip	PS&																			





Project ID	Project Name	Retrofit (installing BMPs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed		
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs
													Beg PM	End PM	Lat. (N)	Long. (W)																	
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 4)	No	MRN	4	101	0.49	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	24.21	24.21	38.146529	-122.56519	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.5	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 5)	No	MRN	4	101	0.03	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	24.46	24.46	38.149984	-122.566392	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.0	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 6)	No	MRN	4	101	0.06	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	24.48	24.48	38.15026	-122.566488	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 7)	No	MRN	4	101	0.26	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	24.47	24.47	38.150122	-122.56644	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 8)	No	MRN	4	101	0.25	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	24.72	24.72	38.153582	-122.567637	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 9)	No	MRN	4	101	0.47	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	24.83	24.83	38.155106	-122.568158	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.5	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 10)	No	MRN	4	101	0.94	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	24.94	24.94	38.156628	-122.568679	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.9	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 11)	No	MRN	4	101	0.34	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.29	25.29	38.160575	-122.571827	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 12)	No	MRN	4	101	0.02	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.37	25.37	38.161268	-122.572778	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.0	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 13)	No	MRN	4	101	0.60	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.35	25.35	38.161095	-122.57254	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.6	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 14)	No	MRN	4	101	0.10	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.58	25.58	38.163301	-122.575571	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 15)	No	MRN	4	101	0.19	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	26.87	26.87	38.17633	-122.5793763	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 16)	No	MRN	4	101	1.01	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.25	25.25	38.160225	-122.571359	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	1.0	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 17)	No	MRN	4	101	0.34	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.51	25.51	38.162584	-122.574589	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 18)	No	MRN	4	101	0.03	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.5	25.5	38.162482	-122.574448	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.0	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 19)	No	MRN	4	101	0.16	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.52	25.52	38.162686	-122.574729	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 20)	No	MRN	4	101	0.73	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.56	25.56	38.163095	-122.575292	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.7	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 21)	No	MRN	4	101	0.17	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.88	25.88	38.166529	-122.57965	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 22)	No	MRN	4	101	0.65	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.95	25.95	38.167183	-122.580681	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.7	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 23)	No	MRN	4	101	0.38	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	26.08	26.08	38.168385	-122.582588	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.4	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 24)	No	MRN	4	101	1.01	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	26.18	26.18	38.169309	-122.584053	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	1.0	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 25)	No	MRN	4	101	0.51	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	26.47	26.47	38.172193	-122.588187	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.5	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 26)	No	MRN	4	101	1.07	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	26.56	26.56	38.173124	-122.589443	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	1.1	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 27)	No	MRN	4	101	0.33	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.6	25.6	38.163506	-122.575848	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 28)	No	MRN	4	101	0.12	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	25.46	25.46	38.162074	-122.573886	Biofiltration Strip	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 29)	No	MRN	4	101	0.17	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	23.23	23.26	38.135197	-122.563853	Biofiltration Swale	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 30)	No	MRN	4	101	0.27	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	23.49	23.63	38.136104	-122.563908	Biofiltration Swale	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.3	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 31)	No	MRN	4	101	0.18	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	23.63	23.72	38.138152	-122.564056	Biofiltration Swale	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 32)	No	MRN	4	101	0.06	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	23.78	23.8	38.140339	-122.564211	Biofiltration Swale	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 33)	No	MRN	4	101	0.18	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	23.81	23.89	38.140778	-122.564244	Biofiltration Swale	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.2	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 34)	No	MRN	4	101	0.10	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	23.9	23.96	38.142091	-122.564344	Biofiltration Swale	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 35)	No	MRN	4	101	0.09	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	23.96	24	38.142966	-122.564411	Biofiltration Swale	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 36)	No	MRN	4	101	0.06	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	24	24.11	38.14355	-122.564456	Biofiltration Swale	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.1	N/A	NA	Yes	5.2	2015-2016
04-26407	I-101 Interchange Modifications and Frontage Roads (BMP ID 37)	No	MRN	4	101	0.23	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	5	213	306	24.11	24.15	38.14514	-122.564718	Biofiltration Swale	PS&E		6/1/2012			6/30/2014			0.00	0.00	0.					

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)						Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed				
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date								BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs	
								Beg PM	End PM	Lat. (N)	Long. (W)																							
04-264061	I-101 Realignment and Widening	No	MRN	4	101	1.52	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	6	210	303	20.051	20.051	38.09086	-122.557326	Biofiltration Swale	PS&E		10/1/2010						0.00	0.00	1.5	N/A	NA	Yes	NA	2015-2016	
04-264061	I-101 Realignment and Widening	No	MRN	4	101	0.79	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	6	210	303	20.263	20.263	38.09319	-122.55967	Biofiltration Strip	PS&E		10/1/2010						0.00	0.00	0.8	N/A	NA	Yes	NA	2015-2016	
04-264061	I-101 Realignment and Widening	No	MRN	4	101	0.45	2	C and F	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	6	210	303	20.238	20.238	38.093752	-122.558505	Biofiltration Strip	PS&E		10/1/2010						0.00	0.00	0.5	N/A	NA	Yes	NA	2015-2016	
12-71631	Freeway Widening and HOV Improvements (BIOS #74)	No	ORA	7	22, 405, 605	19.00	3.54	4, 8	Los Cerritos (Metals)	1	41	93	0.125	0.125	33.7875	-118.0944	Biofiltration Swale	PS&E		8/3/2010	0.00	12/21/2013				0.00	0.00	0.00	3.5	N/A	98.0	Yes	NA	2015-2016
12-0H211	Interchange Improvement Project (Interstate 5/Lopez Road)	No	ORA	12	5	0.79	2.08	8	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	2	197	287	15.904	15.904	33.59	-117.675	Biofiltration Swale	PS&E		6/1/2010	1.29	12/31/2010				0.00	0.00	1.29	2.1	N/A	5.1	Yes	NA	2015-2016
12-0L7201	SHOPPI(BIOS 1)	No	ORA	12	74	2.10		9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	2.926	2.926	33.521333	-117.614433	Biofiltration Swale	PA/ED		2/1/2015	0.00	2/28/2017				0.00	0.00	0.00	0.0	N/A	9.5	Yes	NA	2015-2016
12-0L7201	SHOPPI(BIOS 2)	No	ORA	12	74			9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	3.116	3.116	33.521761	-117.611433	Biofiltration Swale	PA/ED		2/1/2015		2/28/2017				0.00	0.00	0.0	N/A	9.5	Yes	NA	2015-2016	
12-0L7201	SHOPPI(BIOS 3)	No	ORA	12	74			9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	3.229	3.229	33.521756	-117.609494	Biofiltration Swale	PA/ED		2/1/2015		2/28/2017				0.00	0.00	0.0	N/A	9.5	Yes	NA	2015-2016	
12-0L7201	SHOPPI(BIOS 4)	No	ORA	12	74			9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	4.183	4.183	33.517239	-117.594872	Biofiltration Swale	PA/ED		2/1/2015		2/28/2017				0.00	0.00	0.0	N/A	9.5	Yes	NA	2015-2016	
12-0L7201	SHOPPI(BIOS 5)	No	ORA	12	74			9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	4.227	4.227	33.517028	-117.594164	Biofiltration Swale	PA/ED		2/1/2015		2/28/2017				0.00	0.00	0.0	N/A	9.5	Yes	NA	2015-2016	
12-0L7201	SHOPPI(BIOS 6)	No	ORA	12	74			9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	4.565	4.565	33.515092	-117.588867	Biofiltration Swale	PA/ED		2/1/2015		2/28/2017				0.00	0.00	0.0	N/A	9.5	Yes	NA	2015-2016	
12-0F96E1	I-5 HOV Improvement (BSW357R)	No	ORA	12	5	2.60	1.05	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	0.227	0.227	33.4657	-117.6706	Biofiltration Swale	PS&E		10/1/2013	5.55	10/1/2015				0.00	0.00	5.55	1.1	N/A	32.7	Yes	NA	2015-2016
12-0F96E1	I-5 HOV Improvement (BSW365R)	No	ORA	12	5		0.88	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	0.162	0.162	33.46624	-117.6698	Biofiltration Swale	PS&E		10/1/2013		10/1/2015				0.00	0.00	0.9	N/A	32.7	Yes	NA	2015-2016	
12-0F96E1	I-5 HOV Improvement (BSW369L)	No	ORA	12	5		1.41	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	0.19	0.19	33.46664	-117.6709	Biofiltration Swale	PS&E		10/1/2013		10/1/2015				0.00	0.00	1.4	N/A	32.7	Yes	NA	2015-2016	
12-0F96E1	I-5 HOV Improvement (BSW371L)	No	ORA	12	5		0.91	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	6.83	6.83	33.467	-117.6708	Biofiltration Swale	PS&E		10/1/2013		10/1/2015				0.00	0.00	0.9	N/A	32.7	Yes	NA	2015-2016	
12-0F96E1	I-5 HOV Improvement (DetBas)	No	ORA	12	5		3.90	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	6.91	6.91	33.47	-117.671708	Detention Basin	PS&E		10/1/2013		10/1/2015				0.00	0.00	3.9	N/A	32.7	Yes	NA	2015-2016	
12-0F96C1	I-5 HOV Lane Extension Segment 2(BST125L)	No	ORA	12	5	7.60	0.92	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	3.741	3.741	33.44148	-117.6272	Biofiltration Strip	PS&E		10/1/2013	6.00	10/31/2015				0.00	0.00	6.00	0.9	N/A	64.1	Yes	NA	2015-2016
12-0F96C1	I-5 HOV Lane Extension Segment 2(BSW217R)	No	ORA	12	5		0.48	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	3.824	3.824	33.44276	-117.6278	Biofiltration Swale	PS&E		10/1/2013		10/31/2015				0.00	0.00	0.5	N/A	64.1	Yes	NA	2015-2016	
12-0F96C1	I-5 HOV Lane Extension Segment 2(BSW229L)	No	ORA	12	5		0.30	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	4.125	4.125	33.44509	-117.6322	Biofiltration Swale	PS&E		10/1/2013		10/31/2015				0.00	0.00	0.3	N/A	64.1	Yes	NA	2015-2016	
12-0F96C1	I-5 HOV Lane Extension Segment 2(BSW229L)	No	ORA	12	5		0.30	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	4.159	4.159	33.44498	-117.6328	Biofiltration Swale	PS&E		10/1/2013		10/31/2015				0.00	0.00	0.3	N/A	64.1	Yes	NA	2015-2016	
12-0F96C1	I-5 HOV Lane Extension Segment 2(BSW229L)	No	ORA	12	5		1.38	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	4.177	4.177	33.44583	-117.6327	Biofiltration Swale	PS&E		10/1/2013		10/31/2015				0.00	0.00	1.4	N/A	64.1	Yes	NA	2015-2016	
12-0F96C1	I-5 HOV Lane Extension Segment 2(BST253R)	No	ORA	12	5		2.04	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	4.779	4.779	33.45137	-117.6408	Biofiltration Strip	PS&E		10/1/2013		10/31/2015				0.00	0.00	2.0	N/A	64.1	Yes	NA	2015-2016	
12-0F96C1	I-5 HOV Lane Extension Segment 2(BSW272R)	No	ORA	12	5		3.80	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	4.866	4.866	33.45215	-117.642	Biofiltration Swale	PS&E		10/1/2013		10/31/2015				0.00	0.00	3.8	N/A	64.1	Yes	NA	2015-2016	
12-0F96C1	I-5 HOV Lane Extension Segment 2(BST292R)	No	ORA	12	5		0.34	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	5.352	5.352	33.45562	-117.6493	Biofiltration Strip	PS&E		10/1/2013		10/31/2015				0.00	0.00	0.3	N/A	64.1	Yes	NA	2015-2016	
12-0F96C1	I-5 HOV Lane Extension Segment 2(BST301R)	No	ORA	12	5		0.60	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	5.507	5.507	33.45658	-117.6517	Biofiltration Strip	PS&E		10/1/2013		10/31/2015				0.00	0.00	0.6	N/A	64.1	Yes	NA	2015-2016	
12-0E5701	I-5 Interchange Widening	No	ORA	12	5	3.11	0.95	8	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	8.82	8.82	33.491842	-117.662222	Biofiltration Swale	PS&E		5/1/2010	0.00	5/31/2012				0.00	0.00	0.00	1.0	N/A	13.9	Yes	NA	2015-2016
12-0F96A1	Freeway Reconstruction (BIOS 1)	No	ORA	12	5	3.00	2.58	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	3	3	33.434962	-117.617421	Biofiltration Swale	PS&E		7/1/2014	0.96	7/31/2017				0.00	0.00	0.96	2.6	N/A	26.0	Yes	NA	2015-2016
12-0F96A1	Freeway Reconstruction (BIOS 2)	No	ORA	12	5		1.09	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	3	3	33.434962	-117.617421	Biofiltration Swale	PS&E		7/1/2014		7/31/2017				0.00	0.00	1.1	N/A	26.0	Yes	NA	2015-2016	
12-0F96A1	Freeway Reconstruction (BIOS 3)	No	ORA	12	5		0.29	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	3	196	286	3	3	33.434962	-117.617421	Biofiltration Swale	PS&E		7/1/2014		7/31/2017				0.00	0.00	0.3	N/A	26.0	Yes	NA	2015-2016	
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #1	Yes	ORA	12	73	N/A	43.05	9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	2	197	287	10.7	10.7	33.548553	-117.675408	Detention Basin	PS&E		11/1/2013	43.05	5/1/2015				0.00	0.00	43.05	43.1	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #2	Yes	ORA	12	73	N/A		9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	12	203	294	11.63	11.63	33.557775	-117.683623	Detention Basin	PS&E		11/1/2013		5/1/2015				0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016	
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #3	Yes	ORA	12	73	N/A		9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	12	203	294	12.17	12.17	33.560229	-117.691678	Detention Basin	PS&E		11/1/2013		5/1/2015				0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016	
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #4	Yes	ORA	12	73	N/A		9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	12	203	294	13	13	33.569653	-117.701082	Detention Basin	PS&E		11/1/2013		5/1/2015				0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016	
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #5	Yes	ORA	12	73	N/A		9	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	12	203	294	13.39	13.39	33.573472	-117.70605	Detention Basin	PS&E		11/1/2013		5/1/2015				0.00</								

Project ID	Project Name	Retrofit (installing BMPs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed		
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs
								Beg PM	End PM	Lat. (N)	Long. (W)																						
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #31	Yes	ORA	12	73	N/A	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	3	65	126	23.5	23.5	33.638188	-117.856835	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #32	Yes	ORA	12	73	N/A	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	3	65	126	23.51	23.51	33.638297	-117.856956	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #33	Yes	ORA	12	73	N/A	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	3	65	126	23.62	23.62	33.639619	-117.858176	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #34	Yes	ORA	12	73	N/A	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	3	65	126	23.6	23.6	33.639372	-117.857964	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #35	Yes	ORA	12	73	N/A	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	3	65	126	23.6	23.6	33.639372	-117.857964	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #36	Yes	ORA	12	73	N/A	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	3	65	126	23.6	23.6	33.639372	-117.857964	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #37	Yes	ORA	12	73	N/A	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	3	65	126	24.2	24.2	33.648144	-117.861112	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #38	Yes	ORA	12	73	N/A	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	3	65	126	24.5	24.5	33.652564	-117.86242	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #39	Yes	ORA	12	73	N/A	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	3	65	126	24.7	24.7	33.654929	-117.864352	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016		
12-0J6800	SR-241 Widening (BMP ID 1)	No	ORA	12	241	34.50	1.24	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	4	68	129	28.8	28.8	33.738716	-117.717573	Biofiltration Swale	PA/ED	11/1/2012	0.00	5/31/2014			0.00	0.00	0.00	1.2	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 2)	No	ORA	12	241		1.65	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	4	68	129	28.87	28.87	33.739793	-117.717669	Biofiltration Swale	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	1.7	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 3a)	No	ORA	12	241		0.91	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	4	68	129	29	29	33.741742	-117.718147	Biofiltration Strip	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	0.9	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 3b)	No	ORA	12	241		1.45	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	4	68	129	29	29	33.741742	-117.718147	Biofiltration Strip	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	1.5	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 3c)	No	ORA	12	241		5.30	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	4	68	129	29	29	33.741742	-117.718147	Biofiltration Strip	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	5.3	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 4)	No	ORA	12	241		0.16	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	4	68	129	29.65	29.65	33.748768	-117.724991	Biofiltration Strip	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	0.2	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 5)	No	ORA	12	241		2.02	8	C	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	4	68	129	29.75	29.75	33.749448	-117.728378	Biofiltration Swale	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	2.0	N/A	42.5	Yes	8.0	2015-2016
12-0H9001	Roadside Safety Improvements	No	ORA	12	55	1.60		8	C	San Diego Creek and Upper Newport Bay (Cadmium)	4	71	132	5.444	5.444	33.6809	-117.81878	Biofiltration Swale	PS&E	6/1/2014	0.00	6/1/2015			0.00	0.00	0.00	0.0	N/A	71.6	Yes	NA	2015-2016
12-0E9721	SR 133 Maintenance Facility (Employee Pkng Lot)	No	ORA	12	133	5.00	0.48	8	C	San Diego Creek and Upper Newport Bay (Cadmium)	3	67	128	10.24	10.24	33.678514	-117.753397	Biofiltration Swale	PS&E	7/1/2010	0.00	12/31/2012			0.00	0.00	0.00	0.5	N/A	6.8	Yes	NA	2015-2016
12-0E9721	SR 133 Maintenance Facility (Behind the SHOP)	No	ORA	12	133		0.91	8	C	San Diego Creek and Upper Newport Bay (Cadmium)	3	67	128	10.308	10.308	33.679303	-117.752775	Biofiltration Swale	PS&E	7/1/2010		12/31/2012			0.00	0.00	0.00	0.9	N/A	6.8	Yes	NA	2015-2016
12-0E9721	SR 133 Maintenance Facility (North of the SHOP)	No	ORA	12	133		0.48	8	C	San Diego Creek and Upper Newport Bay (Cadmium)	3	67	128	10.292	10.292	33.679392	-117.753275	Infiltration Trench	PS&E	7/1/2010		12/31/2012			0.00	0.00	0.00	0.5	N/A	6.8	Yes	NA	2015-2016
12-0H0270	I-5 and Sand Canyon Street Widening/Ramp Widening	No	ORA	12	5	1.20	2.83	8	C	San Diego Creek and Upper Newport Bay (Cadmium)	3	67	128	24.001	24.001	33.679001	-117.757803	Biofiltration Swale	PS&E	9/1/2012	4.99	9/30/2013			0.00	0.00	4.99	2.8	N/A	6.0	Yes	NA	2015-2016
12-0H0270	I-5 and Sand Canyon Street Widening/Ramp Widening	No	ORA	12	5		1.52	8	C	San Diego Creek and Upper Newport Bay (Cadmium)	3	67	128	23.94	23.94	33.677819	-117.757567	OTHER- Planter Box	PS&E	9/1/2012		9/30/2013			0.00	0.00	0.00	1.5	N/A	6.0	Yes	NA	2015-2016
12-0H0270	I-5 and Sand Canyon Street Widening/Ramp Widening EB	No	ORA	12	5		0.92	8	C	San Diego Creek and Upper Newport Bay (Cadmium)	3	67	128	24.07	24.07	33.679167	-117.759117	OTHER- Planter Box	PS&E	9/1/2012		9/30/2013			0.00	0.00	0.00	0.9	N/A	6.0	Yes	NA	2015-2016
12-0H0270	I-5 and Sand Canyon Street Widening/Ramp Widening WB	No	ORA	12	5		0.92	8	C	San Diego Creek and Upper Newport Bay (Cadmium)	3	67	128	24.136	24.136	33.679269	-117.760461	OTHER- Planter Box	PS&E	9/1/2012		9/30/2013			0.00	0.00	0.00	0.9	N/A	6.0	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #22	Yes	ORA	12	73	N/A	36.90	8	C	San Diego Creek and Upper Newport Bay (Cadmium)	2	66	127	19.51	19.51	33.606902	-117.799694	Detention Basin	PS&E	11/1/2013	36.90	5/1/2015			0.00	0.00	36.90	36.9	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #23	Yes	ORA	12	73	N/A		8	C	San Diego Creek and Upper Newport Bay (Cadmium)	2	66	127	19.61	19.61	33.607493	-117.801331	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #24	Yes	ORA	12	73	N/A		8	C	San Diego Creek and Upper Newport Bay (Cadmium)	2	66	127	21.5	21.5	33.623196	-117.828221	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #25	Yes	ORA	12	73	N/A		8	C	San Diego Creek and Upper Newport Bay (Cadmium)	2	66	127	21.53	21.53	33.623414	-117.828661	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #26	Yes	ORA	12	73	N/A		8	C	San Diego Creek and Upper Newport Bay (Cadmium)	2	66	127	22.5	22.5	33.631052	-117.842292	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #27	Yes	ORA	12	73	N/A		8	C	San Diego Creek and Upper Newport Bay (Cadmium)	2	66	127	22.42	22.42	33.630667	-117.841034	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #28	Yes	ORA	12	73	N/A		8	C	San Diego Creek and Upper Newport Bay (Cadmium)	2	66	127	22.51	22.51	33.631101	-117.842447	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #29	Yes	ORA	12	73	N/A		8	C	San Diego Creek and Upper Newport Bay (Cadmium)	2	66	127	22.5	22.5	33.631052	-117.842292	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #30	Yes	ORA	12	73	N/A		8	C	San Diego Creek and Upper Newport Bay (Cadmium)	2	66	127	22.4	22.4	33.630572	-117.840719	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #31	Yes	ORA	12	73	N/A		8	C	San Diego Creek and Upper Newport Bay (Cadmium)	2	66	127	23.5	23.5	33.638188	-117.856835	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	0.0	N/A	212.3	Yes	NA	2015-2016
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #32	Yes	ORA	12	73	N/A																											

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed		
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs
								Beg PM	End PM	Lat. (N)	Long. (W)																						
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #33	Yes	ORA	12	73	N/A	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	1	166	242	23.62	23.62	33.639619	-117.858176	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #34	Yes	ORA	12	73	N/A	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	1	166	242	23.6	23.6	33.639372	-117.857964	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #35	Yes	ORA	12	73	N/A	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	1	166	242	23.6	23.6	33.639372	-117.857964	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #36	Yes	ORA	12	73	N/A	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	1	166	242	23.6	23.6	33.639372	-117.857964	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #37	Yes	ORA	12	73	N/A	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	1	166	242	24.2	24.2	33.648144	-117.861112	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #38	Yes	ORA	12	73	N/A	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	1	166	242	24.5	24.5	33.652564	-117.86242	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	N/A	212.3	Yes	NA	2015-2016		
12-0H4401	SR-73 Storm Water Mitigation & Slope Stability DetBas #39	Yes	ORA	12	73	N/A	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	1	166	242	24.7	24.7	33.654929	-117.864352	Detention Basin	PS&E	11/1/2013		5/1/2015			0.00	0.00	0.00	N/A	212.3	Yes	NA	2015-2016		
12-0J6800	SR-241 Widening (BMP ID 1)	No	ORA	12	241	34.50	1.24	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	2	168	244	28.8	28.8	33.738716	-117.717573	Biofiltration Swale	PA/ED	11/1/2012	0.00	5/31/2014			0.00	0.00	0.00	1.2	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 2)	No	ORA	12	241		1.65	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	2	168	244	28.87	28.87	33.739793	-117.717669	Biofiltration Swale	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	1.7	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 3a)	No	ORA	12	241		0.91	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	2	168	244	29	29	33.741742	-117.718147	Biofiltration Strip	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	0.9	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 3b)	No	ORA	12	241		1.45	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	2	168	244	29	29	33.741742	-117.718147	Biofiltration Strip	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	1.5	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 3c)	No	ORA	12	241		5.30	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	2	168	244	29	29	33.741742	-117.718147	Biofiltration Strip	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	5.3	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 4)	No	ORA	12	241		0.16	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	2	168	244	29.65	29.65	33.748768	-117.724991	Biofiltration Strip	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	0.2	N/A	42.5	Yes	8.0	2015-2016
12-0J6800	SR-241 Widening (BMP ID 5)	No	ORA	12	241		2.02	8	C	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	2	168	244	29.75	29.75	33.749448	-117.726378	Bioswale/Biostrip	PA/ED	11/1/2012		5/31/2014			0.00	0.00	0.00	2.0	N/A	42.5	Yes	8.0	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS # 7)	No	Ora	12	22.405.605	19.00	1.49	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	22.3	22.3	33.77389	-118.0692	Biofiltration Swale	PS&E	8/3/2010	18.79	12/21/2013			0.00	0.00	18.79	1.5	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS # 29)	No	Ora	12	22.405.605		1.34	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	22.559	22.559	33.77505	-118.0734	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	1.3	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #34)	No	Ora	12	22.405.605		1.51	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	22.543	22.543	33.77409	-118.0734	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	1.5	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #35)	No	Ora	12	22.405.605		3.16	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	22.548	22.548	33.77503	-118.0732	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	3.2	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #38)	No	Ora	12	22.405.605		1.36	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	22.804	22.804	33.77477	-118.0774	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	1.4	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #47)	No	Ora	12	22.405.605		9.26	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	22.625	22.625	33.77359	-118.0748	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	9.3	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #49)	No	Ora	12	22.405.605		0.31	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	3.258	3.258	33.78074	-118.0918	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	0.3	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #52)	No	Ora	7	22.405.605		2.63	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	0.313	0.313	33.78935	-118.0915	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	2.6	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #53A)	No	Ora	7	22.405.605		3.51	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	6	108	183	0.113	0.113	33.80797	-118.0811	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	3.5	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #53B)	No	Ora	7	22.405.605		2.26	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	0.347	0.347	33.78977	-118.0912	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	2.3	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #58)	No	Ora	7	22.405.605		0.83	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	1.02	1.02	33.79859	-118.0859	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	0.8	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #91)	No	Ora	12	22.405.605		3.65	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	22.607	22.607	33.77358	-118.0745	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	3.7	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #93)	No	Ora	12	22.405.605		2.43	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	0.08	0.08	33.7845	-118.0898	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	2.4	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #94)	No	Ora	12	22.405.605		1.41	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	0.197	0.197	33.78712	-118.0907	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	1.4	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #95)	No	Ora	12	22.405.605		1.66	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	0.465	0.465	33.79024	-118.0883	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	1.7	N/A	98.0	Yes	NA	2015-2016
12-71631	Freeway Widening and HOV Improvements (BIOS #96)	No	Ora	12	22.405.605		0.98	4,8	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	1	83	147	0.738	0.738	33.79422	-118.0869	Biofiltration Swale	PS&E	8/3/2010		12/21/2013			0.00	0.00	0.00	1.0	N/A	98.0	Yes	NA	2015-2016
12-0F0311	SR-57 Northbound Widening (BSW-77R)	No	ORA	12	57	5.20	2.50	9	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	6	108	183	16.486	16.486	33.88258	-117.877	Biofiltration Swale	PS&E	1/1/2010	7.86	1/31/2013			0.00	0.00	7.86	2.5	N/A	NA	Yes	NA	2015-2016
12-0F0311	SR-57 Northbound Widening (BSW-489R)	No	ORA	12	57		1.02	9	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	6	108	183	16.691	16.691	33.86539	-117.878	Biofiltration Swale	PS&E	1/1/2010		1/31/2013			0.00	0.00	0.00	1.0	N/A	NA	Yes	NA	2015-2016
12-0F0311	SR-57 Northbound Widening (BSW-492R)	No	ORA	12	57		1.53	9	C and G	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	6	108	183	16.808	16.808	33.86702	-117.8795	Biofiltration Swale	PS&E	1/1/2010		1/31/2013			0.00	0.00	0.00	1.5	N/A	NA	Yes	NA	2015-2016
12-0F0311	SR-57 Northbound Widening (BSW-498R)	No	ORA																														

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs	
								Beg PM	End PM	Lat. (N)	Long. (W)																							
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	94	0.00	0.71	9	F	Chollas Creek (Diazion)	2	80	141	7.5	7.5	32.739145	-117.053805	Biofiltration Swale	PS&E		8/1/2014	0.71	8/1/2016			0.00	0.00	0.71	0.7	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	94	0.00	2.21	9	F	Chollas Creek (Diazion)	2	80	141	7.5	7.5	32.739145	-117.053805	Biofiltration Swale	PS&E		8/1/2014	2.21	8/1/2016			0.00	0.00	2.21	2.2	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	94	0.00	1.04	9	F	Chollas Creek (Diazion)	2	80	141	8.2	8.2	32.744842	-117.044111	Biofiltration Strip	PS&E		8/1/2014	1.04	8/1/2016			0.00	0.00	1.04	1.0	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	94	0.00	0.74	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	2.2	2.2	32.712755	-117.133279	Biofiltration Swale	PS&E		9/1/2013	0.74	1/1/2014			0.00	0.00	0.74	0.7	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	94	0.00	0.55	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	2.2	2.2	32.713796	-117.133338	Biofiltration Swale	PS&E		9/1/2013	0.55	1/1/2014			0.00	0.00	0.55	0.6	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	94	0.00	8.69	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	2.6	2.6	32.714157	-117.126412	Biofiltration Swale	PS&E		9/1/2013	8.69	1/1/2014			0.00	0.00	8.69	8.7	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	94	0.00	2.53	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	2.9	2.9	32.716135	-117.120948	Infiltration Trench	PS&E		9/1/2013	2.53	1/1/2014			0.00	0.00	2.53	2.5	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	94	0.00	2.57	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	3	3	32.716638	-117.118727	Infiltration Trench	PS&E		9/1/2013	2.57	1/1/2014			0.00	0.00	2.57	2.6	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	15	0.00	1.67	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	2.1	2.1	32.715423	-117.11826	Infiltration Trench	PS&E		9/1/2013	1.67	1/1/2014			0.00	0.00	1.67	1.7	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	15	0.00	3.09	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	1.8	1.8	32.711275	-117.119674	Infiltration Trench	PS&E		9/1/2013	3.09	1/1/2014			0.00	0.00	3.09	3.1	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	15	0.00	2.11	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	1.6	1.6	32.707216	-117.120596	Austin Vault Sand Filter	PS&E		9/1/2013	2.11	1/1/2014			0.00	0.00	2.11	2.1	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	805	0.00	0.42	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	14.8	14.8	32.733857	-117.113045	Infiltration Trench	PS&E		8/1/2014	0.42	8/1/2016			0.00	0.00	0.42	0.4	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	805	0.00	0.27	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	15.4	15.4	32.742085	-117.117128	Infiltration Trench	PS&E		8/1/2014	0.27	8/1/2016			0.00	0.00	0.27	0.3	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	15	0.00	2.57	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	3.1	3.1	32.728432	-117.112073	Infiltration Trench	PS&E		8/1/2014	2.57	8/1/2016			0.00	0.00	2.57	2.6	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	94	0.00	3.38	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	3.3	3.3	32.717044	-117.115915	Infiltration Trench	PS&E		8/1/2014	3.38	8/1/2016			0.00	0.00	3.38	3.4	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	94	0.00	7.20	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	1	82	146	3.3	3.3	32.717044	-117.115915	Infiltration Trench	PS&E		8/1/2014	7.20	8/1/2016			0.00	0.00	7.20	7.2	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	94	0.00	3.12	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	2	80	142	7.5	7.5	32.739145	-117.053805	Biofiltration Swale	PS&E		8/1/2014	3.12	8/1/2016			0.00	0.00	3.12	3.1	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	94	0.00	0.71	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	2	80	142	7.5	7.5	32.739145	-117.053805	Biofiltration Swale	PS&E		8/1/2014	0.71	8/1/2016			0.00	0.00	0.71	0.7	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	94	0.00	2.21	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	2	80	142	7.5	7.5	32.739145	-117.053805	Biofiltration Swale	PS&E		8/1/2014	2.21	8/1/2016			0.00	0.00	2.21	2.2	N/A	NA	Yes	NA	2015-2016
11-282500	Chollas Creek BMP Retrofit	Yes	SD	11	94	0.00	1.04	9	C	Chollas Creek (Dissolved Copper, Lead and Zinc)	2	80	142	8.2	8.2	32.744842	-117.044111	Biofiltration Strip	PS&E		8/1/2014	1.04	8/1/2016			0.00	0.00	1.04	1.0	N/A	NA	Yes	NA	2015-2016
11-270401	805 Construct Direct Access ramps and HOV Lane	No	SD	11	805	13.84	19.75	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	9	184	267	27.196	27.196	32.890964	-117.208124	Biofiltration Swale	PA/ED		9/1/2009	5.92	3/30/2012			0.00	0.00	5.92	19.8	N/A	57.1	Yes	NA	2015-2016
11-270401	805 Construct Direct Access ramps and HOV Lane	No	SD	11	805			9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	9	184	267	27.241	27.241	32.891017	-117.208822	Biofiltration Swale	PA/ED		9/1/2009		3/30/2012			0.00	0.00	0.00	0.0	N/A	57.1	Yes	NA	2015-2016
11-270401	805 Construct Direct Access ramps and HOV Lane	No	SD	11	805			9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	9	184	267	27.14	27.14	32.889617	-117.208082	Biofiltration Swale	PA/ED		9/1/2009		3/30/2012			0.00	0.00	0.00	0.0	N/A	57.1	Yes	NA	2015-2016
11-270401	805 Construct Direct Access ramps and HOV Lane	No	SD	11	805			9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	9	184	267	27.001	27.001	32.888474	-117.206477	Biofiltration Swale	PA/ED		9/1/2009		3/30/2012			0.00	0.00	0.00	0.0	N/A	57.1	Yes	NA	2015-2016
11-270401	805 Construct Direct Access ramps and HOV Lane	No	SD	11	805			9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	9	184	267	27.004	27.004	32.888517	-117.206488	Biofiltration Swale	PA/ED		9/1/2009		3/30/2012			0.00	0.00	0.00	0.0	N/A	57.1	Yes	NA	2015-2016
11-270401	805 Construct Direct Access ramps and HOV Lane	No	SD	11	805			9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	9	184	267	26.967	26.967	32.890101	-117.204193	Biofiltration Swale	PA/ED		9/1/2009		3/30/2012			0.00	0.00	0.00	0.0	N/A	57.1	Yes	NA	2015-2016
11-270401	805 Construct Direct Access ramps and HOV Lane	No	SD	11	805			9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	9	184	267	26.847	26.847	32.889406	-117.201727	Biofiltration Swale	PA/ED		9/1/2009		3/30/2012			0.00	0.00	0.00	0.0	N/A	57.1	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	94	0.00	0.74	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	11	205	296	2.2	2.2	32.712755	-117.133279	Biofiltration Swale	PS&E		9/1/2013	0.74	1/1/2014			0.00	0.00	0.74	0.7	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	94	0.00	0.55	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	11	205	296	2.2	2.2	32.713796	-117.133338	Biofiltration Swale	PS&E		9/1/2013	0.55	1/1/2014			0.00	0.00	0.55	0.6	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	94	0.00	8.69	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	11	205	296	2.6	2.6	32.714157	-117.126412	Biofiltration Swale	PS&E		9/1/2013	8.69	1/1/2014			0.00	0.00	8.69	8.7	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	94	0.00	2.53	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	11	205	296	2.9	2.9	32.716135	-117.120948	Infiltration Trench	PS&E		9/1/2013	2.53	1/1/2014			0.00	0.00	2.53	2.5	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	94	0.00	2.57	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	11	205	296	3	3	32.716638	-117.118727	Infiltration Trench	PS&E		9/1/2013	2.57	1/1/2014			0.00	0.00	2.57	2.6	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	15	0.00	1.67	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	11	205	296	2.1	2.1	32.715423	-117.11826	Infiltration Trench	PS&E		9/1/2013	1.67	1/1/2014			0.00	0.00	1.67	1.7	N/A	NA	Yes	NA	2015-2016
11-282401	Chollas Creek BMP Retrofit Project	Yes	SD	11	15	0.00	3.09	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Teccolote Creek) (Indicator Bacteria)	11	205	296	1.8	1.8	32.711275	-117.119674	Infiltration Trench	PS&E		9/1													

Project ID	Project Name	Retrofit (Installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL			Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed				
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs								Cooperative Implementation CUs			
													Beg PM	End PM	Lat. (N)	Long. (W)																				
																																		Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project
11-80101	Highway Improvement Project (3)	No	SD	11	76	0.64	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	7.994	7.994	33.253022	-117.261225	Biofiltration Swale	PS&E	1/1/2010									0.00	0.00	0.0	N/A	64.0	Yes	NA	2015-2016	
11-80101	Highway Improvement Project (4)	No	SD	11	76	1.77	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	8.066	8.066	33.253414	-117.259692	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.8	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (5)	No	SD	11	76	1.56	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	8.337	8.337	33.254003	-117.255222	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.6	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (6)	No	SD	11	76	1.55	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	8.37	8.37	33.254397	-117.254722	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.6	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (7)	No	SD	11	76	2.18	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	8.528	8.528	33.254142	-117.252186	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	2.2	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (8)	No	SD	11	76	1.18	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	8.528	8.528	33.254539	-117.252136	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.2	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (9)	No	SD	11	76	2.24	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	8.676	8.676	33.254108	-117.2497	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	2.2	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (10a/b)	No	SD	11	76	2.24	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	8.716	8.716	33.253997	-117.249022	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	2.2	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (11)	No	SD	11	76	0.78	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	8.735	8.735	33.253928	-117.248714	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.8	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (12)	No	SD	11	76	0.90	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	8.776	8.776	33.254075	-117.247914	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.9	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (13)	No	SD	11	76	0.98	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	8.945	8.945	33.253597	-117.245286	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.0	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (14)	No	SD	11	76	0.78	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	9.056	9.056	33.253753	-117.243528	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.8	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (15)	No	SD	11	76	0.63	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	9.149	9.149	33.254258	-117.242011	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.6	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (16)	No	SD	11	76	0.85	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	9.224	9.224	33.254928	-117.240911	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.8	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (17)	No	SD	11	76	1.21	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	9.32	9.32	33.256017	-117.239653	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.2	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (18)	No	SD	11	76	2.44	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	9.326	9.326	33.255781	-117.239342	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	2.4	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (19)	No	SD	11	76	1.12	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	9.541	9.541	33.258567	-117.237064	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.1	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (20)	No	SD	11	76	0.20	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	9.993	9.993	33.264572	-117.236653	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.2	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (21)	No	SD	11	76	0.07	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.004	10.004	33.264747	-117.236694	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.1	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (22)	No	SD	11	76	1.73	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.03	10.03	33.265142	-117.236781	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.7	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (23)	No	SD	11	76	0.43	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.21	10.21	33.267861	-117.236558	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.4	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (24)	No	SD	11	76	0.61	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.195	10.195	33.267683	-117.237031	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.6	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (25)	No	SD	11	76	4.12	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.387	10.387	33.270567	-117.236444	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	4.1	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (26)	No	SD	11	76	1.35	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.371	10.371	33.270242	-117.236119	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.3	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (27)	No	SD	11	76	0.80	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.423	10.423	33.271014	-117.235969	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.8	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (28)	No	SD	11	76	3.29	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.428	10.428	33.271169	-117.236294	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	3.3	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (29a/29b)	No	SD	11	76	0.37	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.474	10.474	33.271761	-117.235764	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.4	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (30)	No	SD	11	76	0.77	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.515	10.515	33.272356	-117.235578	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.8	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (31)	No	SD	11	76	1.28	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.609	10.609	33.273886	-117.234947	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.3	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (32)	No	SD	11	76	0.95	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.895	10.895	33.275894	-117.233289	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.9	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (33)	No	SD	11	76	1.32	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	10.938	10.938	33.276311	-117.23275	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	1.3	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (34)	No	SD	11	76	0.73	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	11.108	11.108	33.277839	-117.230631	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	0.7	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (35)	No	SD	11	76	2.47	9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	4	201	292	11.39	11.39	33.280322	-117.227081	Biofiltration Swale	PS&E	1/1/2010										0.00	0.00	2.5	N/A	64.0	Yes	NA	2015-2016
11-80101	Highway Improvement Project (36a/36b)	No	SD	11	76	0.76	9	E																												

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed		
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs
													Beg PM	End PM	Lat. (N)	Long. (W)																	
11-177900	Interchange Improvement (Layout 3 Alt 2.5) BIOS #1	No	SD	11	5 & 56		9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	7	183	266	0.883	0.883	32.938453	-117.228406	Biofiltration Swale	PA/ED		3/1/2015			12/31/2018		0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
11-177900	Interchange Improvement (Layout 3 Alt 2.5) BIOS #2	No	SD	11	5 & 56		9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	7	183	266	0.921	0.921	32.938402	-117.227611	Biofiltration Swale	PA/ED		3/1/2015			12/31/2018		0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
11-177900	Interchange Improvement (Layout 3 Alt 2.5) BIOS #3	No	SD	11	5 & 56		9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	7	183	266	1.151	1.151	32.939092	-117.223069	Biofiltration Swale	PA/ED		3/1/2015			12/31/2018		0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
11-177900	Interchange Improvement (Layout 4 Alt 2.5) BIOS #1	No	SD	11	5 & 56		9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	7	183	266	1.581	1.581	32.942003	-117.217475	Biofiltration Swale	PA/ED		3/1/2015			12/31/2018		0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
11-177900	Interchange Improvement (Layout 4 Alt 2.5) BIOS #2	No	SD	11	5 & 56		9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	7	183	266	1.624	1.624	32.942278	-117.216819	Biofiltration Swale	PA/ED		3/1/2015			12/31/2018		0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
11-177900	Interchange Improvement (Layout 4 Alt 2.5) BIOS #3	No	SD	11	5 & 56		9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	7	183	266	1.766	1.766	32.943678	-117.214958	Biofiltration Swale	PA/ED		3/1/2015			12/31/2018		0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
11-177900	Interchange Improvement (Layout 4 Alt 2.5) BIOS #4	No	SD	11	5 & 56		9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	7	183	266	1.866	1.866	32.944217	-117.213269	Biofiltration Swale	PA/ED		3/1/2015			12/31/2018		0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
11-177900	Interchange Improvement (Layout 4 Alt 2.5) BIOS #5	No	SD	11	5 & 56		9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	7	183	266	1.942	1.942	32.944542	-117.212092	Biofiltration Swale	PA/ED		3/1/2015			12/31/2018		0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
11-177900	Interchange Improvement (Layout 4 Alt 2.5) BIOS #6	No	SD	11	5 & 56		9	E	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	7	183	266	2.446	2.446	32.947961	-117.204503	Biofiltration Swale	PA/ED		3/1/2015			12/31/2018		0.00	0.00	0.0	N/A	NA	Yes	NA	2015-2016	
7-259201	Construct Austin Sand Filters ASF #1	Yes	LA	7	10	N/A	8.26	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	2	13	32	8.83	8.83	34.036409	-118.379397	Austin Vault Sand Filter	PS&E		10/1/2013	8.26	12/15/2014		0.00	0.00	8.26	8.3	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #2	Yes	LA	7	10	N/A	3.67	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	2	13	32	10.43	10.43	34.033552	-118.351074	Austin Vault Sand Filter	PS&E		10/1/2013	3.67	12/15/2014		0.00	0.00	3.67	3.7	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #3	Yes	LA	7	10	N/A	3.67	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	2	13	32	10.43	10.43	34.035056	-118.349338	Austin Vault Sand Filter	PS&E		10/1/2013	3.67	12/15/2014		0.00	0.00	3.67	3.7	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #4	Yes	LA	7	10	N/A	2.75	4	C and G	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	2	13	32	13.46	13.46	34.035056	-118.349338	Austin Vault Sand Filter	PS&E		10/1/2013	2.75	12/15/2014		0.00	0.00	2.75	2.8	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #1	Yes	LA	7	10	N/A	8.26	4	N/A	Ballona Creek (Trash)	2	13	30	8.83	8.83	34.036409	-118.379397	Austin Vault Sand Filter	PS&E		10/1/2013	8.26	12/15/2014		0.00	0.00	8.26	8.3	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #2	Yes	LA	7	10	N/A	3.67	4	N/A	Ballona Creek (Trash)	2	13	30	10.43	10.43	34.033552	-118.351074	Austin Vault Sand Filter	PS&E		10/1/2013	3.67	12/15/2014		0.00	0.00	3.67	3.7	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #3	Yes	LA	7	10	N/A	3.67	4	N/A	Ballona Creek (Trash)	2	13	30	10.43	10.43	34.035056	-118.349338	Austin Vault Sand Filter	PS&E		10/1/2013	3.67	12/15/2014		0.00	0.00	3.67	3.7	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #4	Yes	LA	7	10	N/A	2.75	4	N/A	Ballona Creek (Trash)	2	13	30	13.46	13.46	34.035056	-118.349338	Austin Vault Sand Filter	PS&E		10/1/2013	2.75	12/15/2014		0.00	0.00	2.75	2.8	N/A	80.0	Yes	NA	2015-2016
7-259201	Construction of Storm Water Treatment BMPs GSRD #3	Yes	LA	7	110	N/A	4	N/A	Ballona Creek (Trash)	2	13	30	21.65	21.65	34.041628	-118.273371	GSRD	PS&E		10/1/2013	0.00	12/15/2014		0.00	0.00	0.00	0.0	N/A	1.5	Yes	NA	2015-2016	
7-259201	Construction of Storm Water Treatment BMPs GSRD #4	Yes	LA	7	110	N/A	4	N/A	Ballona Creek (Trash)	2	13	30	21.73	21.73	34.042723	-118.272889	GSRD	PS&E		10/1/2013	0.00	12/15/2014		0.00	0.00	0.00	0.0	N/A	1.5	Yes	NA	2015-2016	
7-259201	Construction of Storm Water Treatment BMPs GSRD #5	Yes	LA	7	110	N/A	4	N/A	Ballona Creek (Trash)	2	13	30	21.9	21.9	34.044742	-118.271355	GSRD	PS&E		10/1/2013	0.00	12/15/2014		0.00	0.00	0.00	0.0	N/A	1.5	Yes	NA	2015-2016	
7-259201	Construction of Storm Water Treatment BMPs GSRD #6	Yes	LA	7	110	N/A	4	N/A	Ballona Creek (Trash)	2	13	30	22.01	22.01	34.045781	-118.270069	GSRD	PS&E		10/1/2013	0.00	12/15/2014		0.00	0.00	0.00	0.0	N/A	1.5	Yes	NA	2015-2016	
7-259201	Construct Austin Sand Filters ASF #1	Yes	LA	7	10	N/A	8.26	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	8.83	8.83	34.036409	-118.379397	Austin Vault Sand Filter	PS&E		10/1/2013	8.26	3/19/2014	1/12/2016	0.00	0.00	8.26	8.3	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #2	Yes	LA	7	10	N/A	3.67	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	10.43	10.43	34.033552	-118.351074	Austin Vault Sand Filter	PS&E		10/1/2013	3.67	3/19/2014	1/12/2016	0.00	0.00	3.67	3.7	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #3	Yes	LA	7	10	N/A	3.67	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	10.43	10.43	34.035056	-118.349338	Austin Vault Sand Filter	PS&E		10/1/2013	3.67	3/19/2014	1/12/2016	0.00	0.00	3.67	3.7	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #4	Yes	LA	7	10	N/A	2.75	4	C	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	2	13	29	13.46	13.46	34.035056	-118.349338	Austin Vault Sand Filter	PS&E		10/1/2013	2.75	3/19/2014	1/12/2016	0.00	0.00	2.75	2.8	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #1	Yes	LA	7	10	N/A	8.26	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	8.83	8.83	34.036409	-118.379397	Austin Vault Sand Filter	PS&E		10/1/2013	8.26	3/19/2014	1/12/2016	0.00	0.00	8.26	8.3	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #2	Yes	LA	7	10	N/A	3.67	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	10.43	10.43	34.033552	-118.351074	Austin Vault Sand Filter	PS&E		10/1/2013	3.67	3/19/2014	1/12/2016	0.00	0.00	3.67	3.7	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #3	Yes	LA	7	10	N/A	3.67	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	10.43	10.43	34.035056	-118.349338	Austin Vault Sand Filter	PS&E		10/1/2013	3.67	3/19/2014	1/12/2016	0.00	0.00	3.67	3.7	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #4	Yes	LA	7	10	N/A	2.75	4	B	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	2	13	28	13.46	13.46	34.035056	-118.349338	Austin Vault Sand Filter	PS&E		10/1/2013	2.75	3/19/2014	1/12/2016	0.00	0.00	2.75	2.8	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #1	Yes	LA	7	10	N/A	8.26	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	2	13	31	8.83	8.83	34.036409	-118.379397	Austin Vault Sand Filter	PS&E		10/1/2013	8.26	3/19/2014	1/21/2016	0.00	0.00	8.26	8.3	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #2	Yes	LA	7	10	N/A	3.67	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	2	13	31	10.43	10.43	34.033552	-118.351074	Austin Vault Sand Filter	PS&E		10/1/2013	3.67	3/19/2014	1/21/2016	0.00	0.00	3.67	3.7	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #3	Yes	LA	7	10	N/A	3.67	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	2	13	31	10.43	10.43	34.035056	-118.349338	Austin Vault Sand Filter	PS&E		10/1/2013	3.67	3/19/2014	1/21/2016	0.00	0.00	3.67	3.7	N/A	80.0	Yes	NA	2015-2016
7-259201	Construct Austin Sand Filters ASF #4	Yes	LA	7	10	N/A	2.75	4	E	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	2	13	31	13.46	13.46	34.035056	-118.349338	Austin Vault Sand Filter	PS&E		10/1/2013	2.75	3/19/2014	1/21/2016	0.00	0.00	2.75	2.8	N/A	80.0	Yes	NA	2015-2016
7-120381	Interchange Project	No	VEN	7	101	1.43	3.14	4	C and G	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	6	87	152	7.84	7.84	34.189489	-118.938607	Biofiltration Swale	PS&E		9/1/2011												

Project ID	Project Name	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed		
							RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs
							Beg PM	End PM	Lat. (N)	Long. (W)																						
7-276001	Construct BMPs BIOS #5	Yes	VEN	7	101	N/A	2.94	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	15.9	15.9	34.22146	-119.102411	Biofiltration Strip	PS&E	5/1/2015	2.94	10/27/2015	8/29/2017	0.00	0.00	2.94	2.9	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #6	Yes	VEN	7	101	N/A	7.94	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	16	16	34.218743	-119.07172	Biofiltration Strip	PS&E	5/1/2015	7.94	10/27/2015	8/29/2017	0.00	0.00	7.94	7.9	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #7	Yes	VEN	7	101	N/A	1.32	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	2	104	177	15.9	15.9	34.217619	-119.038003	Biofiltration Strip	PS&E	5/1/2015	1.32	10/27/2015	8/29/2017	0.00	0.00	1.32	1.3	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #8	Yes	VEN	7	101	N/A	1.94	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	16.6	16.6	34.222312	-119.122105	Biofiltration Strip	PS&E	5/1/2015	1.94	10/27/2015	8/29/2017	0.00	0.00	1.94	1.9	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #9	Yes	VEN	7	101	N/A	1.91	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	16.8	16.8	34.22181	-119.126474	Biofiltration Strip	PS&E	5/1/2015	1.91	10/27/2015	8/29/2017	0.00	0.00	1.91	1.9	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #10	Yes	VEN	7	101	N/A	2.37	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	17.2	17.2	34.222538	-119.126647	Biofiltration Strip	PS&E	5/1/2015	2.37	10/27/2015	8/29/2017	0.00	0.00	2.37	2.4	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #11	Yes	VEN	7	101	N/A	1.20	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	17.5	17.5	34.221563	-119.102573	Biofiltration Swale	PS&E	5/1/2015	1.20	10/27/2015	8/29/2017	0.00	0.00	1.20	1.2	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #12	Yes	VEN	7	101	N/A	1.11	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	18.1	18.1	34.221387	-119.101016	Biofiltration Swale	PS&E	5/1/2015	1.11	10/27/2015	8/29/2017	0.00	0.00	1.11	1.1	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #13	Yes	VEN	7	101	N/A	1.78	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	17.7	17.7	34.222205	-119.109923	Biofiltration Swale	PS&E	5/1/2015	1.78	10/27/2015	8/29/2017	0.00	0.00	1.78	1.8	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #14	Yes	VEN	7	101	N/A	1.63	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	17.8	17.8	34.222232	-119.111776	Biofiltration Strip	PS&E	5/1/2015	1.63	10/27/2015	8/29/2017	0.00	0.00	1.63	1.6	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #15	Yes	VEN	7	101	N/A	2.50	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	18.1	18.1	34.222209	-119.111591	Biofiltration Strip	PS&E	5/1/2015	2.50	10/27/2015	8/29/2017	0.00	0.00	2.50	2.5	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #16	Yes	VEN	7	101	N/A	1.08	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	18.3	18.3	34.222244	-119.116844	Biofiltration Swale	PS&E	5/1/2015	1.08	10/27/2015	8/29/2017	0.00	0.00	1.08	1.1	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #17	Yes	VEN	7	101	N/A	1.60	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	18.6	18.6	34.222026	-119.116844	Biofiltration Swale	PS&E	5/1/2015	1.60	10/27/2015	8/29/2017	0.00	0.00	1.60	1.6	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #18	Yes	VEN	7	101	N/A	1.41	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	18.9	18.9	34.222474	-119.12629	Biofiltration Swale	PS&E	5/1/2015	1.41	10/27/2015	8/29/2017	0.00	0.00	1.41	1.4	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #19	Yes	VEN	7	101	N/A	1.57	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	19.1	19.1	34.221613	-119.125916	Biofiltration Swale	PS&E	5/1/2015	1.57	10/27/2015	8/29/2017	0.00	0.00	1.57	1.6	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #20	Yes	VEN	7	101	N/A	1.13	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	19.1	19.1	34.222559	-119.127247	Biofiltration Swale	PS&E	5/1/2015	1.13	10/27/2015	8/29/2017	0.00	0.00	1.13	1.1	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs BIOS #21	Yes	VEN	7	101	N/A	0.96	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	19.2	19.2	34.221855	-119.127726	Biofiltration Swale	PS&E	5/1/2015	0.96	10/27/2015	8/29/2017	0.00	0.00	0.96	1.0	N/A	98.0	Yes	NA	2015-2016
7-276001	Construct BMPs ASF	Yes	VEN	7	101	N/A	1.00	4	B and C	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	3	102	174	15.9	15.9	34.218644	-119.071496	Austin Vault Sand Filter	PS&E	5/1/2015	1.00	10/27/2015	8/29/2017	0.00	0.00	1.00	1.0	N/A	98.0	Yes	NA	2015-2016
7-416300	Drainage System Restoration	No	LA	7	91	0.25	0.31	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	7.12	7.12	33.872611	-118.271337	Biofiltration Swale	PAVED	3/1/2017	0.06	3/1/2018		0.00	0.00	0.06	0.3	N/A	NA	Yes	NA	2015-2016
7-138201	Bridge Replacement	No	LA	7	0	1.30	0.89	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	3	106	180	3.77	3.77	33.762066	-118.239316	Biofiltration Swale	PS&E	7/1/2011	2.36	7/13/2011	7/3/2017	0.00	0.00	2.36	0.9	N/A	23.2	Yes	NA	2015-2016
7-138201	Bridge Replacement	No	LA	7	0	1.32	0.4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	3	106	180	3.746	3.746	33.761394	-118.239246	Biofiltration Swale	PS&E	7/1/2011	1.3	7/13/2011	7/3/2017	0.00	0.00	1.3	N/A	23.2	Yes	NA	2015-2016		
7-138201	Bridge Replacement	No	LA	7	0	1.45	0.4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	3	106	180	3.73	3.73	33.761365	-118.238194	Biofiltration Swale	PS&E	7/1/2011	1.5	7/13/2011	7/3/2017	0.00	0.00	1.5	N/A	23.2	Yes	NA	2015-2016		
7-233901	Interchange Modification	No	LA	7	405	1.40	36.67	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	11.2	11.2	33.838888	-118.262926	Biofiltration Strip	PS&E	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	36.7	N/A	9.6	Yes	NA	2015-2016
7-293700	Freeway Interchange Improvement BIOS #1	No	LA	7	405	1.90	1.30	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	12.7	12.7	33.854216	-118.261449	Biofiltration Swale	PAVED	2/15/2018	14.06	7/15/2021		0.00	0.00	14.06	1.3	N/A	NA	Yes	NA	2015-2016
7-293700	Freeway Interchange Improvement BIOS #2	No	LA	7	405	3.90	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	12.5	12.5	33.852311	-118.27903	Biofiltration Swale	PAVED	2/15/2018	0.00	0.00	0.00	0.00	0.00	0.00	3.9	N/A	NA	Yes	NA	2015-2016	
7-293700	Freeway Interchange Improvement BIOS #3	No	LA	7	405	3.00	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	12.1	12.1	33.848772	-118.273899	Biofiltration Swale	PAVED	2/15/2018	0.00	0.00	0.00	0.00	0.00	0.00	3.0	N/A	NA	Yes	NA	2015-2016	
7-293700	Freeway Interchange Improvement BIOS #4-GSRD	No	LA	7	110	1.20	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	7.9	7.9	33.844431	-118.285474	Biofiltration Swale	PAVED	2/15/2018	0.00	0.00	0.00	0.00	0.00	0.00	1.2	N/A	NA	Yes	NA	2015-2016	
7-293700	Freeway Interchange Improvement BIOS #5	No	LA	7	110	0.55	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	8.6	8.6	33.854503	-118.284818	Biofiltration Swale	PAVED	2/15/2018	0.00	0.00	0.00	0.00	0.00	0.00	0.6	N/A	NA	Yes	NA	2015-2016	
7-293700	Freeway Interchange Improvement BIOS #6-GSRD	No	LA	7	110	0.93	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	8.8	8.8	33.857381	-118.284644	Biofiltration Swale	PAVED	2/15/2018	0.00	0.00	0.00	0.00	0.00	0.00	0.9	N/A	NA	Yes	NA	2015-2016	
7-293700	Freeway Interchange Improvement ASF #1	No	LA	7	405	2.38	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	12.9	12.9	33.856286	-118.283824	Austin Vault Sand Filter	PAVED	2/15/2018	0.00	0.00	0.00	0.00	0.00	0.00	2.4	N/A	NA	Yes	NA	2015-2016	
7-293700	Freeway Interchange Improvement ASF #2	No	LA	7	110	2.70	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	8.5	8.5	33.853058	-118.284918	Austin Vault Sand Filter	PAVED	2/15/2018	0.00	0.00	0.00	0.00	0.00	0.00	2.7	N/A	NA	Yes	NA	2015-2016	
7-290101	Install concrete barrier and reconstruct existing Metal Beam	No	LA	7	91	1.50	0.38	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	7.05	7.05	33.872641	-118.272549	Biofiltration Swale	PS&E	8/1/2015	1.19	12/1/2017		0.00	0.00	1.19	0.4	N/A	7.6	Yes	NA	2015-2016
7-290101	Install concrete barrier and reconstruct existing Metal Beam	No	LA	7	91	0.88	4	C	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	2	86	150	7.1	7.1	33.872618	-118.27168	Biofiltration Swale	PS&E	8/1/2015	0.00	0.00	0.00	0.00									





Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL			Implementation Reach				BMP(s) Location & Type						Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs											
													Beg PM	End PM	Lat. (N)	Long. (W)																					
7-259021	Construction of Storm Water Treatment BMPs GSRD #11	Yes	LA	7	134		4	N/A	Los Angeles River (Trash)	9	38	84	9.25	9.25	34.145464	-118.221215	GSRD	PS&E		10/1/2013	0.00	12/15/2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs GSRD #12	Yes	LA	7	134		4	N/A	Los Angeles River (Trash)	9	38	84	9.31	9.31	34.145301	-118.220205	GSRD	PS&E		10/1/2013	0.00	12/15/2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs GSRD #13	Yes	LA	7	134		4	N/A	Los Angeles River (Trash)	9	38	84	9.36	9.36	34.145184	-118.219355	GSRD	PS&E		10/1/2013	0.00	12/15/2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs GSRD #14	Yes	LA	7	134		4	N/A	Los Angeles River (Trash)	9	38	84	9.86	9.86	34.145102	-118.210805	GSRD	PS&E		10/1/2013	0.00	12/15/2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1.5	Yes	NA	2015-2016	
7-258401	Construction of Storm Water Treatment BMPs BIOS #1 & 2	Yes	LA	7	5	0.28	2.50	4	N/A	Los Angeles River (Trash)	3	25	55	18.42	18.42	34.054794	-118.214152	Biofiltration Swale/Linear Radial GSRD	PS&E		2/15/2016	2.50	3/15/2017		0.00	0.00	2.50	2.5	N/A	12.3	Yes	NA	2015-2016				
7-258401	Construction of Storm Water Treatment BMPs BIOS #2 & 3	Yes	LA	7	5		1.44	4	N/A	Los Angeles River (Trash)	3	25	55	18.52	18.52	34.056244	-118.21421	Biofiltration Swale/Linear Radial GSRD	PS&E		2/15/2016	1.44	3/15/2017		0.00	0.00	1.44	1.4	N/A	12.3	Yes	NA	2015-2016				
7-258401	Construction of Storm Water Treatment BMPs ASF #1	Yes	LA	7	5		3.64	4	N/A	Los Angeles River (Trash)	4	21	47	22.33	22.33	34.099995	-118.247907	Austin Vault Sand Filter	PS&E		2/15/2016	3.64	3/15/2017		0.00	0.00	3.64	3.6	N/A	12.3	Yes	NA	2015-2016				
7-258401	Construction of Storm Water Treatment BMPs BIOS #6 & 7	Yes	LA	7	5		0.99	4	N/A	Los Angeles River (Trash)	4	21	47	22.58	22.58	34.102984	-118.250539	Biofiltration Swale/Linear Radial GSRD	PS&E		2/15/2016	0.99	3/15/2017		0.00	0.00	0.99	1.0	N/A	12.3	Yes	NA	2015-2016				
7-258401	Construction of Storm Water Treatment BMPs GSRD #5	Yes	LA	7	5		3.11	4	N/A	Los Angeles River (Trash)	4	21	47	23.15	23.15	34.107928	-118.258222	Linear Radial GSRD	PS&E		2/15/2016	3.11	3/15/2017		0.00	0.00	3.11	3.1	N/A	12.3	Yes	NA	2015-2016				
7-252001	Roadway Rehabilitation	No	LA	7	405	0.00	5.20	4	N/A	Los Angeles River (Trash)	5	24	52	39.4	39.4	34.163431	-118.469922	Media Filter	PS&E		12/1/2012	5.20	7/30/2013	8/23/2016	0.00	0.00	5.20	5.2	N/A	NA	Yes	NA	2015-2016				
7-251200	Bridge Replacement	No	LA	7	101	0.12	0.66	4	N/A	Los Angeles River (Trash)	3	25	55	0.2	0.2	34.053316	-118.230339	Bioretention	PA/ED		9/1/2015	0.54	12/31/2018		0.00	0.00	0.54	0.7	N/A	9.7	Yes	NA	2015-2016				
7-224601	Sound Walls(MEDF)	No	LA	7	405	0.60		4	N/A	Los Angeles River (Trash)	11	28	62	47.6	47.6	34.276706	-118.470539	Media Filter	PS&E		11/15/2010	0.00	3/12/2012	10/22/2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.4	Yes	NA	2015-2016
7-224601	Sound Walls(MEDF)	No	LA	7	405			4	N/A	Los Angeles River (Trash)	11	28	62	46.8	46.8	34.265268	-118.472164	Media Filter	PS&E		11/15/2010		3/12/2012	10/22/2015	0.00	0.00			0.00	0.00	0.00	0.00	0.00	2.4	Yes	NA	2015-2016
7-232801	Soundwall Construction(MEDF 46)	No	LA	7	170	1.40	1.73	4	N/A	Los Angeles River (Trash)	4	21	47	15.7	15.7	34.16918	-118.3855	Media Filter	PS&E		7/1/2011	0.33	7/17/2015	5/30/2017	0.00	0.00	0.33	1.7	N/A	81.9	Yes	NA	2015-2016				
7-232901	Construct Soundwalls(ASF 1)	No	LA	7	210	1.80	1.84	4	N/A	Los Angeles River (Trash)	7	27	60	31.94	31.94	34.14788	-118.0304	Austin Vault Sand Filter	PS&E		2/21/2011	0.04	1/23/2017	8/9/2018	0.00	0.00	0.04	1.8	N/A	NA	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(INFL #1)	Yes	LA	7	210	N/A	1.44	4	N/A	Los Angeles River (Trash)	9	38	84	15.9	15.9	34.230168	-118.261689	Infiltration Basin	PS&E		11/21/2012	1.44	12/29/2012	9/30/2015	0.00	0.00	1.44	1.4	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(AVSF #3)	Yes	LA	7	210		3.32	4	N/A	Los Angeles River (Trash)	7	27	60	27	27	34.152309	-118.12065	Austin Vault Sand Filter	PS&E		11/21/2012	3.32	12/20/2012	9/30/2015	0.00	0.00	3.32	3.3	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(AVSF #4)	Yes	LA	7	210		3.62	4	N/A	Los Angeles River (Trash)	7	27	60	27.49	27.49	34.152463	-118.112085	Austin Vault Sand Filter	PS&E		11/21/2012	3.62	12/20/2012	9/30/2015	0.00	0.00	3.62	3.6	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(AVSF #5)	Yes	LA	7	210		3.49	4	N/A	Los Angeles River (Trash)	7	27	60	27.73	27.73	34.152512	-118.107896	Austin Vault Sand Filter	PS&E		11/21/2012	3.49	12/20/1012	9/30/2015	0.00	0.00	3.49	3.5	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(AVSF #6)	Yes	LA	7	210		5.37	4	N/A	Los Angeles River (Trash)	7	27	60	27.94	27.94	34.152519	-118.104233	Austin Vault Sand Filter	PS&E		11/21/2012	5.37	12/20/2012	9/30/2015	0.00	0.00	5.37	5.4	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(AVSF #7)	Yes	LA	7	210		2.34	4	N/A	Los Angeles River (Trash)	7	27	60	28.53	28.53	34.152466	-118.093942	Austin Vault Sand Filter	PS&E		11/21/2012	2.34	12/20/2012	9/30/2015	0.00	0.00	2.34	2.3	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(AVSF #8)	Yes	LA	7	210		2.57	4	N/A	Los Angeles River (Trash)	7	27	60	28.79	28.79	34.151005	-118.089821	Austin Vault Sand Filter	PS&E		11/21/2012	2.57	12/20/2012	9/30/2015	0.00	0.00	2.57	2.6	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(AVSF #9)	Yes	LA	7	210		3.97	4	N/A	Los Angeles River (Trash)	7	27	60	29.69	29.69	34.148106	-118.075404	Delaware Sand Filter	PS&E		11/21/2012	3.97	12/20/2012	9/30/2015	0.00	0.00	3.97	4.0	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(BIOS #11)	Yes	LA	7	210		0.40	4	N/A	Los Angeles River (Trash)	7	27	60	32.83	32.83	34.141117	-118.017577	Infiltration Basin	PS&E		11/21/2012	0.40	12/20/2012	9/30/2015	0.00	0.00	0.40	0.4	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(BIOS #14)	Yes	LA	7	210		1.62	4	N/A	Los Angeles River (Trash)	7	27	60	33.73	33.73	34.135474	-118.004137	Delaware Sand Filter	PS&E		11/21/2012	1.62	12/20/2012	9/30/2015	0.00	0.00	1.62	1.6	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(AVSF #15)	Yes	LA	7	210		0.83	4	N/A	Los Angeles River (Trash)	7	27	60	34.66	34.66	34.135456	-117.987911	Delaware Sand Filter	PS&E		11/21/2012	0.83	12/20/2012	9/30/2015	0.00	0.00	0.83	0.8	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(INFL # 16)	Yes	LA	7	210		0.93	4	N/A	Los Angeles River (Trash)	7	27	60	35.05	35.05	34.135401	-117.981091	Infiltration Trench	PS&E		11/21/2012	0.93	12/20/2012	9/30/2015	0.00	0.00	0.93	0.9	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMPs(AVSF #17)	Yes	LA	7	210		3.36	4	N/A	Los Angeles River (Trash)	7	27	60	35.29	35.29	34.135331	-117.976922	Delaware Sand Filter	PS&E		11/21/2012	3.36	12/20/2012	9/30/2015	0.00	0.00	3.36	3.4	N/A	1.8	Yes	NA	2015-2016				
7-259011	Construction of Storm Water Treatment BMPs ASF #1	Yes	LA	7	710	0.91	7.67	4	N/A	Los Angeles River (Trash)	1	19	43	7.01	7.01	33.791758	-118.207703	Austin Vault Sand Filter	PS&E		11/15/2013	7.67	11/22/2013	7/15/2015	0.00	0.00	7.67	7.7	N/A	NA	Yes	NA	2015-2016				
7-259011	Construction of Storm Water Treatment BMPs ASF #2	Yes	LA	7	710		6.00	4	N/A	Los Angeles River (Trash)	2	10	23	11.93	11.93	33.861579	-118.199964	Austin Vault Sand Filter	PS&E		11/15/2013	6.00	11/22/2013	7/15/2015	0.00	0.00	6.00	6.0	N/A	NA	Yes	NA	2015-2016				
7-2X9201	Permanent Slope Restoration	No	LA	7	91	0.79	1.34	4	C	Los Angeles River and Tributaries (Metals)	6	29	67	10.7	10.7	33.873601	-118.209135	Media Filter	PS&E		9/7/2012	12.15	6/10/2014		0.00	0.00	12.15	1.3	N/A	NA	Yes	NA	2015-2016				
7-2X9201	Permanent Slope Restoration	No	LA	7	91		2.09	4	C	Los Angeles River and Tributaries (Metals)	6	29	67	10.18	10.18	33.873534	-118.218219	Media Filter	PS&E		9/7/2012		6/10/2014		0.00	0.00		2.1	N/A	NA	Yes	NA	2015-2016				
7-2X9201	Permanent Slope Restoration	No	LA	7	91		0.60	4	C	Los Angeles River and Tributaries (Metals)	6	29	67	10.33	10.33	33.873468	-118.215595	Biofiltration Swale	PS&E		9/7/2012		6/10/2014		0.00	0.00		0.6	N/A	NA	Yes	NA	2015-2016				
7-2X9201	Permanent Slope Restoration	No	LA	7	91		3.57	4	C	Los Angeles River and Tributaries (Metals)	6	29	67	10.43	10.43	33.873495	-118.213849	Media Filter	PS&E		9/7/2012		6/10/2014		0.00	0.00		3.6									



Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed						
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date								Revoked CUs	Cooperative Implementation CUs				
								Beg PM	End PM	Lat. (N)	Long. (W)																										
7-224601	Sound Walls(MEDF)	No	LA	7	405	0.60	4	C	Los Angeles River and Tributaries (Metals)	11	28	64	47.6	47.6	34.276706	-118.470539	Media Filter	PS&E		11/15/2010	0.00	3/12/2012	10/22/2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	2.4	Yes	NA	2015-2016		
7-224601	Sound Walls(MEDF)	No	LA	7	405		4	C	Los Angeles River and Tributaries (Metals)	11	28	64	46.8	46.8	34.265268	-118.472164	Media Filter	PS&E		11/15/2010		3/12/2012	10/22/2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	2.4	Yes	NA	2015-2016		
7-232801	Soundwall Construction(BIOS 43)	No	LA	7	170	1.40	2.81	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	14.8	14.85	34.15917	-118.3799	Biofiltration Swale	PS&E		7/1/2011	25.63	7/17/2015	5/30/2017	0.00	0.00	25.63	2.8	N/A	81.9	Yes	NA	2015-2016				
7-232801	Soundwall Construction(BIOS 43)	No	LA	7	170		0.62	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	14.89	14.91	34.15965	-118.3802	Biofiltration Swale	PS&E		7/1/2011		7/17/2015	5/30/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 43)	No	LA	7	170		4.31	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	14.97	15	34.15901	-118.3798	Biofiltration Swale	PS&E		7/1/2011		7/17/2013	5/30/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction (BIOS 49)	No	LA	7	170		1.03	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	16	16.01	34.17315	-118.3909	Biofiltration Swale	PS&E		7/1/2011		7/17/2013	5/30/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction (BIOS 49)	No	LA	7	170		4.35	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	16.03	16.16	34.17277	-118.3893	Biofiltration Swale	PS&E		7/1/2011		7/17/2013	5/30/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 49)	No	LA	7	170		2.33	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	16.25	16.35	34.17716	-118.3938	Biofiltration Swale	PS&E		7/1/2011		7/17/2013	5/30/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	81.9	Yes	NA	2015-2016
7-232801	Soundwall Construction(BIOS 54)	No	LA	7	170		3.44	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	17.23	17.26	34.18716	-118.401	Biofiltration Swale	PS&E		7/1/2011		7/17/2013	5/30/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	81.9	Yes	NA	2015-2016
7-232801	Soundwall Construction(BIOS 55)	No	LA	7	170		2.88	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	17.36	17.49	34.18741	-118.402	Biofiltration Swale	PS&E		7/1/2011		7/17/2013	5/30/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	81.9	Yes	NA	2015-2016
7-232801	Soundwall Construction (BIOS 55a)	No	LA	7	170		1.45	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	17.55	17.59	34.19192	-118.4019	Biofiltration Swale	PS&E		7/1/2011		7/17/2013	5/30/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	81.9	Yes	NA	2015-2016
7-232801	Soundwall Construction(BIOS 56)	No	LA	7	170		2.08	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	17.81	17.9	34.19841	-118.4024	Biofiltration Swale	PS&E		7/1/2011		7/17/2013	5/30/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	81.9	Yes	NA	2015-2016
7-232801	Soundwall Construction(MEDF 46)	No	LA	7	170		1.73	4	C	Los Angeles River and Tributaries (Metals)	4	21	49	15.7	15.7	34.16918	-118.3855	Media Filter	PS&E		7/1/2011		7/17/2013	5/30/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	81.9	Yes	NA	2015-2016
7-232901	Construct Soundwalls(BIOS 1)	No	LA	7	210	1.80	1.35	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	25.31	25.31	34.15142	-118.15	Biofiltration Swale	PS&E		2/21/2011	4.39	1/23/2017	8/9/2018	0.00	0.00	4.39	1.4	N/A	NA	Yes	NA	2015-2016				
7-232901	Construct Soundwalls(BIOS 2)	No	LA	7	210		1.14	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	30.94	30.94	34.14847	-118.0548	Biofiltration Swale	PS&E		2/21/2011		1/23/2017	8/9/2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	NA	Yes	NA	2015-2016
7-232901	Construct Soundwalls(BIOS 3)	No	LA	7	210		1.13	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	31.6	31.6	34.1481	-118.0367	Biofiltration Swale	PS&E		2/21/2011		1/23/2017	8/9/2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	NA	Yes	NA	2015-2016
7-232901	Construct Soundwalls(BIOS 4)	No	LA	7	210		0.36	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	30.94	30.94	34.14915	-118.0463	Biofiltration Swale	PS&E		2/21/2011		1/23/2017	8/9/2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	NA	Yes	NA	2015-2016
7-232901	Construct Soundwalls(BIOS 5)	No	LA	7	210		0.37	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	31.94	31.94	34.14759	-118.0293	Biofiltration Swale	PS&E		2/21/2011		1/23/2017	8/9/2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	NA	Yes	NA	2015-2016
7-232901	Construct Soundwalls(ASF 1)	No	LA	7	210		1.84	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	31.94	31.94	34.14788	-118.0304	Austin Vault Sand Filter	PS&E		2/21/2011		1/23/2017	8/9/2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	NA	Yes	NA	2015-2016
7-258931	Construction of Stormwater BMP's(INFL #1)	Yes	LA	7	210	N/A	1.44	4	C	Los Angeles River and Tributaries (Metals)	9	38	86	15.9	15.9	34.230168	-118.261689	Infiltration Basin	PS&E		11/21/2012	1.44	12/20/2012	9/30/2015	0.00	0.00	1.44	1.4	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(BIOS #1 15a)	Yes	LA	7	210		0.64	4	C	Los Angeles River and Tributaries (Metals)	8	37	83	19.75	19.75	34.206929	-118.202434	Biofiltration Swale	PS&E		11/21/2012	0.64	12/20/2012	9/30/2015	0.00	0.00	0.64	0.6	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(BIOS #1 96a)	Yes	LA	7	210		0.64	4	C	Los Angeles River and Tributaries (Metals)	8	37	83	19.75	19.75	34.206929	-118.202434	Biofiltration Swale	PS&E		11/21/2012	0.64	12/20/2012	9/30/2015	0.00	0.00	0.64	0.6	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(BIOS #1 17a)	Yes	LA	7	210		0.21	4	C	Los Angeles River and Tributaries (Metals)	8	37	83	19.75	19.75	34.206929	-118.202434	Biofiltration Swale	PS&E		11/21/2012	0.21	12/20/2012	9/30/2015	0.00	0.00	0.21	0.2	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(AVSF #3)	Yes	LA	7	210		3.32	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	27	27	34.152309	-118.12065	Austin Vault Sand Filter	PS&E		11/21/2012	3.32	12/20/2012	9/30/2015	0.00	0.00	3.32	3.3	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(AVSF #4)	Yes	LA	7	210		3.62	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	27.49	27.49	34.152463	-118.112085	Austin Vault Sand Filter	PS&E		11/21/2012	3.62	12/20/2012	9/30/2015	0.00	0.00	3.62	3.6	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(AVSF #5)	Yes	LA	7	210		3.49	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	27.73	27.73	34.152512	-118.107896	Austin Vault Sand Filter	PS&E		11/21/2012	3.49	12/20/2012	9/30/2015	0.00	0.00	3.49	3.5	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(AVSF #6)	Yes	LA	7	210		5.37	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	27.94	27.94	34.152519	-118.104233	Austin Vault Sand Filter	PS&E		11/21/2012	5.37	12/20/2012	9/30/2015	0.00	0.00	5.37	5.4	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(AVSF #7)	Yes	LA	7	210		2.34	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	28.53	28.53	34.152466	-118.093942	Austin Vault Sand Filter	PS&E		11/21/2012	2.34	12/20/2012	9/30/2015	0.00	0.00	2.34	2.3	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(AVSF #8)	Yes	LA	7	210		2.57	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	28.79	28.79	34.151005	-118.089821	Austin Vault Sand Filter	PS&E		11/21/2012	2.57	12/20/2012	9/30/2015	0.00	0.00	2.57	2.6	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(AVSF #9)	Yes	LA	7	210		3.97	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	29.69	29.69	34.148106	-118.075404	Delaware Sand Filter	PS&E		11/21/2012	3.97	12/20/2012	9/30/2015	0.00	0.00	3.97	4.0	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(BIOS #10)	Yes	LA	7	210		0.32	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	29.83	29.83	34.148721	-118.067429	Biofiltration Strip	PS&E		11/21/2012	0.32	12/20/2012	9/30/2015	0.00	0.00	0.32	0.3	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(BIOS #19)	Yes	LA	7	210		1.61	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	30.64	30.64	34.148813	-118.053459	Biofiltration Swale	PS&E		11/21/2012	1.61	12/20/2012	9/30/2015	0.00	0.00	1.61	1.6	N/A	1.8	Yes	NA	2015-2016				
7-258931	Construction of Stormwater BMP's(BIOS #11)	Yes	LA	7	210		0.40	4	C	Los Angeles River and Tributaries (Metals)	7	27	61	32.83	32.83</																						

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL			Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Total Maximum Daily Load	Reach #	Final State Board Reach Priority #	BMP Locations				BMP Types	Status	Cooperative Implementation (S)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date	BMP Field Verification Date	Revoked CUs								Cooperative Implementation CUs		
													Beg PM	End PM	Lat. (N)	Long. (W)																			
7-121901	HOV Land & Pavement Rehab	No	LA	7	5	2.10	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	37.99	37.99	34.251458	-118.42849	Infiltration Basin	PS&E		10/1/2009			9/10/2013			0.00	0.00	2.1	N/A	NA	Yes	NA	2015-2016		
7-121901	HOV Land & Pavement Rehab	No	LA	7	5	2.80	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	38.54	38.54	34.257386	-118.435009	Sand Filter	PS&E		10/1/2009			9/10/2013			0.00	0.00	2.8	N/A	NA	Yes	NA	2015-2016		
7-121901	HOV Land & Pavement Rehab	No	LA	7	5	3.80	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	37.5	37.5	34.245067	-118.423498	Sand Filter	PS&E		10/1/2009			9/10/2013			0.00	0.00	3.8	N/A	NA	Yes	NA	2015-2016		
7-121901	HOV Land & Pavement Rehab	No	LA	7	5	2.30	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	36.36	36.36	34.245067	-118.423498	Sand Filter	PS&E		10/1/2009			9/10/2013			0.00	0.00	2.3	N/A	NA	Yes	NA	2015-2016		
7-121901	HOV Land & Pavement Rehab	No	LA	7	5	1.30	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	36.16	36.16	34.231722	-118.406601	Sand Filter	PS&E		10/1/2009			9/10/2013			0.00	0.00	1.3	N/A	NA	Yes	NA	2015-2016		
7-121901	HOV Land & Pavement Rehab	No	LA	7	5	5.40	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	39.21	39.21	34.264712	-118.442074	Sand Filter	PS&E		10/1/2009			9/10/2013			0.00	0.00	5.4	N/A	NA	Yes	NA	2015-2016		
7-1786A1	Modify interchange and realign ramps	No	LA	7	5	0.80	2.85	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	27.4	28.1	34.159364	-118.292146	Detention Basin	PS&E		2/4/2010	6.66		11/2/2010	4/15/2014	1/8/2013	0.00	0.00	6.66	2.9	N/A	8.0	Yes	NA	2015-2016
7-1786A1	Modify interchange and realign ramps	No	LA	7	5	4.61	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	27.4	28.1	34.159364	-118.292146	Austin Vault Sand Filter	PS&E		2/4/2010			11/2/2010	4/15/2014	1/9/2013	0.00	0.00	4.6	N/A	8.0	Yes	NA	2015-2016		
7-2332E0	Construct Hot lanes	No	LA	7	5	71.38	0.61	4	E	Los Angeles River Watershed (Bacteria)	5	24	53	45.89	45.89	34.33664	-118.512285	Biofiltration Swale	PA/ED		2/1/2014	0.00		7/1/2018			0.00	0.00	0.00	0.6	N/A	304.0	Yes	NA	2015-2016
7-2332E0	Construct Hot lanes	No	LA	7	5	0.66	4	E	Los Angeles River Watershed (Bacteria)	5	24	53	46.08	46.08	34.338142	-118.515102	Biofiltration Swale	PA/ED		2/1/2014			7/1/2018			0.00	0.00	0.7	N/A	304.0	Yes	NA	2015-2016		
7-2332E0	Construct Hot lanes	No	LA	7	5	0.49	4	E	Los Angeles River Watershed (Bacteria)	5	24	53	46.12	46.12	34.338439	-118.515706	Biofiltration Swale	PA/ED		2/1/2014			7/1/2018			0.00	0.00	0.5	N/A	304.0	Yes	NA	2015-2016		
7-2770U1	Source Control	No	LA	7	118	1.40	0.25	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	11.53	11.53	34.267217	-118.44203	Biofiltration Swale	PS&E		2/26/2013	18.21		10/26/2013			0.00	0.00	18.21	0.3	N/A	41.3	Yes	NA	2015-2016
7-2770U1	Source Control	No	LA	7	118	3.64	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	11.65	11.65	34.26749	-118.440151	Biofiltration Swale	PS&E		2/26/2013			10/26/2013			0.00	0.00	3.6	N/A	41.3	Yes	NA	2015-2016		
7-2770U1	Source Control	No	LA	7	118	2.00	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	12.07	12.07	34.269282	-118.433277	Biofiltration Swale	PS&E		2/26/2013			10/26/2013			0.00	0.00	2.0	N/A	41.3	Yes	NA	2015-2016		
7-2770U1	Source Control	No	LA	7	118	1.90	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	13.26	13.26	34.280949	-118.417884	Biofiltration Swale	PS&E		2/26/2013			10/26/2013			0.00	0.00	1.9	N/A	41.3	Yes	NA	2015-2016		
7-2770U1	Source Control	No	LA	7	118	2.98	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	12.36	12.36	34.272056	-118.429407	Detention Basin	PS&E		2/26/2013			10/26/2013			0.00	0.00	3.0	N/A	41.3	Yes	NA	2015-2016		
7-2770U1	Source Control	No	LA	7	118	1.73	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	12.27	12.27	34.271195	-118.430589	Austin Vault Sand Filter	PS&E		2/26/2013			10/26/2013			0.00	0.00	1.7	N/A	41.3	Yes	NA	2015-2016		
7-2770U1	Source Control	No	LA	7	118	2.75	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	13.52	13.52	34.28346	-118.414487	Austin Vault Sand Filter	PS&E		2/26/2013			10/26/2013			0.00	0.00	2.8	N/A	41.3	Yes	NA	2015-2016		
7-2770U1	Source Control	No	LA	7	118	1.67	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	13.13	13.13	34.279696	-118.41959	Austin Vault Sand Filter	PS&E		2/26/2013			10/26/2013			0.00	0.00	1.7	N/A	41.3	Yes	NA	2015-2016		
7-2770U1	Source Control	No	LA	7	118	2.69	4	E	Los Angeles River Watershed (Bacteria)	11	28	63	11.7	11.7	34.267612	-118.439314	Infiltration Basin	PS&E		2/26/2013			10/26/2013			0.00	0.00	2.7	N/A	41.3	Yes	NA	2015-2016		
7-2777U1	Source Control	No	LA	7	134	1.42	5.30	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	4.9	4.9	34.155325	-118.292338	Sand Filter	PS&E		11/1/2013	9.88		8/1/2014			0.00	0.00	9.88	5.3	N/A	62.2	Yes	NA	2015-2016
7-2777U1	Source Control	No	LA	7	134	1.40	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	5.1	5.1	34.15542	-118.288883	Biofiltration Swale	PS&E		11/1/2013			8/1/2014			0.00	0.00	1.4	N/A	62.2	Yes	NA	2015-2016		
7-2777U1	Source Control	No	LA	7	134	3.60	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	5	5	34.155422	-118.290625	Biofiltration Swale	PS&E		11/1/2013			8/1/2014			0.00	0.00	3.6	N/A	62.2	Yes	NA	2015-2016		
7-2777U1	Source Control	No	LA	7	134	1.00	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	5.2	5.2	34.1551	-118.287174	Biofiltration Swale	PS&E		11/1/2013			8/1/2014			0.00	0.00	1.0	N/A	62.2	Yes	NA	2015-2016		
7-28510K	Widening to add lanes	No	LA	7	10	0.85	1.30	4	E	Los Angeles River Watershed (Bacteria)	3	25	56	17.3	17.3	34.025805	-118.294563	Austin Vault Sand Filter	PA/ED		2/1/2011	0.45		3/31/2012			0.00	0.00	0.45	1.3	N/A	3.0	Yes	NA	2015-2016
7-168001	Major Reconstruction/ Add HOV lanes	No	LA	7	5	7.41	0.25	4	E	Los Angeles River Watershed (Bacteria)	5	24	53	45.2	45.2	34.328653	-118.505442	Biofiltration Swale	PS&E		7/19/2007	0.00		12/30/2009			0.00	0.00	0.00	0.2	N/A	NA	Yes	NA	2015-2016
7-168001	Major Reconstruction/ Add HOV lanes	No	LA	7	5	0.42	4	E	Los Angeles River Watershed (Bacteria)	5	24	53	46	46	34.321441	-118.498649	Biofiltration Swale	PS&E		7/19/2007			5/1/2008	8/11/2015		0.00	0.00	0.4	N/A	NA	Yes	NA	2015-2016		
7-121841	Construction of HOV Land and Soundwalls	No	LA	7	5	7.70	4.24	4	E	Los Angeles River Watershed (Bacteria)	10	30	69	28.98	28.98	34.177333	-118.309077	Austin Vault Sand Filter	PS&E		9/1/2009	16.41		12/6/2010	12/21/2015		0.00	0.00	16.41	4.2	N/A	71.6	Yes	NA	2015-2016
7-121841	Construction of HOV Land and Soundwalls	No	LA	7	5	0.39	4	E	Los Angeles River Watershed (Bacteria)	10	30	69	28.45	28.45	34.170387	-118.304442	Biofiltration Swale	PS&E		9/1/2009			12/6/2010	12/21/2015		0.00	0.00	0.4	N/A	71.6	Yes	NA	2015-2016		
7-121841	Construction of HOV Land and Soundwalls	No	LA	7	5	0.18	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	28.45	28.45	34.164799	-118.29745	Biofiltration Swale	PS&E		9/1/2009			12/6/2010	12/21/2015		0.00	0.00	0.2	N/A	71.6	Yes	NA	2015-2016		
7-121841	Construction of HOV Land and Soundwalls	No	LA	7	5	6.49	4	E	Los Angeles River Watershed (Bacteria)	10	30	69	28.45	28.45	34.169507	-118.30423	Austin Vault Sand Filter	PS&E		9/1/2009			12/6/2010	12/21/2015		0.00	0.00	6.5	N/A	71.6	Yes	NA	2015-2016		
7-121841	Construction of HOV Land and Soundwalls	No	LA	7	5	0.23	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	28.41	28.41	34.165589	-118.29673	Biofiltration Swale	PS&E		9/1/2009			12/6/2010	12/21/2015		0.00	0.00	0.2	N/A	71.6	Yes	NA	2015-2016		
7-121841	Construction of HOV Land and Soundwalls	No	LA	7	5	5.40	4	E	Los Angeles River Watershed (Bacteria)	10	30	69	28.41	28.41	34.171006	-118.304277	Detention Basin	PS&E		9/1/2009			12/6/2010	12/21/2015		0.00	0.00	5.4	N/A	71.6	Yes	NA	2015-2016		
7-121841	Construction of HOV Land and Soundwalls	No	LA	7	5	0.22	4	E	Los Angeles River Watershed (Bacteria)	10	30	69	28.41	28.41	34.169729	-118.304324	Biofiltration Swale	PS&E		9/1/2009			12/6/2010	12/21/2015		0.00	0.00	0.2	N/A	71.6	Yes	NA	2015-2016		
7-121841	Construction of HOV Land and Soundwalls	No	LA	7	5	4.61	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	27.86	27.86	34.16555	-118.296996	Austin Vault Sand Filter	PS&E		9/1/2009			12/6/2010	12/21/2015		0.00	0.00	4.6	N/A	71.6	Yes	NA	2015-2016		
7-121841	Construction of HOV Land and Soundwalls	No	LA	7	5	0.39	4	E	Los Angeles River Watershed (Bacteria)	4	21	48	27.82	27.82	34.164764	-118.297374	Biofiltration Swale	PS&E		9/1/2009			1												

Project ID	Project Name	Retrofit (installing BMPs for TMDLs only)? (Y/N)	County	District	Route	Net Impervious Area Increase (ac)	BMP Treatment Area (acres)	TMDL		Implementation Reach				BMP(s) Location & Type				Compliance Units (CUs)							Total CUs	Treated Areas in Watershed	Actual Date for PID Phase	Total Post Project Impervious Area within the Project Limit	Hydraulically Inseparable Areas (Yes/No)	Redeveloped Impervious Areas (acres)	Year Credits Claimed			
								RB	Pollutant Category	Reach #	Final State Board Reach Priority #	Total Maximum Daily Load				BMP Locations		BMP Types	Status	Cooperative Implementation (\$)	Proposed BMP Install Start Date	Credited CUs for BMP Project	Proposed BMP Install Completion Date	Actual BMP Install Completion Date								BMP Field Verification Date	Revoked CUs	Cooperative Implementation CUs
												Beg PM	End PM	Lat. (N)	Long. (W)	Beg PM	End PM																	
7-259021	Construction of Storm Water Treatment BMPs AVSF #4	Yes	LA	7	5		16.88	4	E	4	21	48	20.84	20.84	34.08472	-118.230471	Austin Vault Sand Filter	PS&E		10/1/2013	16.88	10/22/2014	3/21/2017		0.00	0.00	16.88	16.9	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #5	Yes	LA	7	5		1.91	4	E	4	21	48	25.89	25.89	34.143755	-118.278294	Austin Vault Sand Filter	PS&E		10/1/2013	1.91	10/22/2014	3/21/2017		0.00	0.00	1.91	1.9	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #6	Yes	LA	7	10		6.77	4	E	3	25	56	21.07	21.07	34.061571	-118.170071	Austin Vault Sand Filter	PS&E		10/1/2013	6.77	10/22/2014	3/21/2017		0.00	0.00	6.77	6.8	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #7	Yes	LA	7	91		1.34	4	E	6	29	66	10.07	10.07	33.873704	-118.220131	Austin Vault Sand Filter	PS&E		10/1/2013	1.34	10/22/2014	3/21/2017		0.00	0.00	1.34	1.3	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #8	Yes	LA	7	91		2.09	4	E	6	29	66	10.18	10.18	33.961135	-118.218219	Austin Vault Sand Filter	PS&E		10/1/2013	2.09	10/22/2014	3/21/2017		0.00	0.00	2.09	2.1	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #9	Yes	LA	7	110		1.99	4	E	6	29	66	15.78	15.78	33.961569	-118.280255	Austin Vault Sand Filter	PS&E		10/1/2013	1.99	10/22/2014	3/21/2017		0.00	0.00	1.99	2.0	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #11	Yes	LA	7	110		1.30	4	E	6	29	66	15.97	15.97	33.960018	-118.280812	Austin Vault Sand Filter	PS&E		10/1/2013	1.30	10/22/2014	3/21/2017		0.00	0.00	1.30	1.3	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #12	Yes	LA	7	110		1.18	4	E	6	29	66	17.81	17.81	33.986773	-118.280503	Austin Vault Sand Filter	PS&E		10/1/2013	1.18	10/22/2014	3/21/2017		0.00	0.00	1.18	1.2	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #13	Yes	LA	7	110		1.36	4	E	6	29	66	19.31	19.31	34.008632	-118.281031	Austin Vault Sand Filter	PS&E		10/1/2013	1.36	10/22/2014	3/21/2017		0.00	0.00	1.36	1.4	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #14	Yes	LA	7	110		5.06	4	E	6	29	66	19.83	19.83	34.016195	-118.280667	Austin Vault Sand Filter	PS&E		10/1/2013	5.06	10/22/2014	3/21/2017		0.00	0.00	5.06	5.1	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #15	Yes	LA	7	134		3.60	4	E	9	38	85	8.9	8.9	34.147055	-118.226979	Austin Vault Sand Filter	PS&E		10/1/2013	3.60	10/22/2014	3/21/2017		0.00	0.00	3.60	3.6	N/A	1.5	Yes	NA	2015-2016	
7-259021	Construction of Storm Water Treatment BMPs AVSF #16	Yes	LA	7	134		8.20	4	E	9	38	85	11.6	11.6	34.141812	-118.183045	Austin Vault Sand Filter	PS&E		10/1/2013	8.20	10/22/2014	3/21/2017		0.00	0.00	8.20	8.2	N/A	1.5	Yes	NA	2015-2016	
7-258401	Construction of Storm Water Treatment BMPs BIOS #1 & #2	Yes	LA	7	5	0.28	2.50	4	E	3	25	56	18.42	18.42	34.054794	-118.214152	Biofiltration Swale/Linear Radial GSRD	PS&E		2/15/2016	2.50	3/15/2017			0.00	0.00	2.50	2.5	N/A	12.3	Yes	NA	2015-2016	
7-258401	Construction of Storm Water Treatment BMPs BIOS #2 & #3	Yes	LA	7	5		1.44	4	E	3	25	56	18.52	18.52	34.056244	-118.21421	Biofiltration Swale/Linear Radial GSRD	PS&E		2/15/2016	1.44	3/15/2017			0.00	0.00	1.44	1.4	N/A	12.3	Yes	NA	2015-2016	
7-258401	Construction of Storm Water Treatment BMPs BIOS #3	Yes	LA	7	5		0.65	4	E	3	25	56	19.37	19.37	34.068403	-118.216706	Biofiltration Swale	PS&E		2/15/2016	0.65	3/15/2017			0.00	0.00	0.65	0.7	N/A	12.3	Yes	NA	2015-2016	
7-258401	Construction of Storm Water Treatment BMPs BIOS #4	Yes	LA	7	5		0.67	4	E	4	21	48	21.75	21.75	34.09324	-118.241659	Biofiltration Swale	PS&E		2/15/2016	0.67	3/15/2017			0.00	0.00	0.67	0.7	N/A	12.3	Yes	NA	2015-2016	
7-258401	Construction of Storm Water Treatment BMPs BIOS #5	Yes	LA	7	5		0.75	4	E	4	21	48	22.25	22.25	34.098946	-118.247155	Biofiltration Swale	PS&E		2/15/2016	0.75	3/15/2017			0.00	0.00	0.75	0.8	N/A	12.3	Yes	NA	2015-2016	
7-258401	Construction of Storm Water Treatment BMPs ASF #1	Yes	LA	7	5		3.64	4	E	4	21	48	22.33	22.33	34.099995	-118.247907	Austin Vault Sand Filter	PS&E		2/15/2016	3.64	3/15/2017			0.00	0.00	3.64	3.6	N/A	12.3	Yes	NA	2015-2016	
7-258401	Construction of Storm Water Treatment BMPs BIOS #6 & #7	Yes	LA	7	5		0.99	4	E	4	21	48	22.58	22.58	34.102984	-118.250539	Biofiltration Swale/Linear Radial GSRD	PS&E		2/15/2016	0.99	3/15/2017			0.00	0.00	0.99	1.0	N/A	12.3	Yes	NA	2015-2016	
7-258401	Construction of Storm Water Treatment BMPs BIOS #8	Yes	LA	7	5		0.46	4	E	4	21	48	23.01	23.01	34.106877	-118.256142	Biofiltration Swale	PS&E		2/15/2016	0.46	3/15/2017			0.00	0.00	0.46	0.5	N/A	12.3	Yes	NA	2015-2016	
7-252001	Roadway Rehabilitation	No	LA	7	405	0.00	5.20	4	E	5	24	53	39.4	39.4	34.163431	-118.469922	Austin Vault Sand Filter	PS&E		12/1/2012	5.20	7/30/2013	8/23/2016		0.00	0.00	5.20	5.2	N/A	NA	Yes	NA	2015-2016	
7-251200	Bridge Replacement	No	LA	7	101	0.12	0.66	4	E	3	25	56	0.2	0.2	34.053316	-118.230339	Bioretention	PA/ED		9/1/2015	0.54	12/31/2018			0.00	0.00	0.54	0.7	N/A	9.7	Yes	NA	2015-2016	
7-224601	Sound Walls(MEDF)	No	LA	7	405	0.60		4	E	11	28	63	47.6	47.6	34.276706	-118.470539	Media Filter	PS&E		11/15/2010	0.00	3/12/2012	10/22/2015		0.00	0.00	0.00	0.0	N/A	2.4	Yes	NA	2015-2016	
7-224601	Sound Walls(MEDF)	No	LA	7	405			4	E	11	28	63	46.8	46.8	34.265268	-118.472164	Media Filter	PS&E		11/15/2010		3/12/2012	10/22/2015		0.00	0.00	0.00	0.0	N/A	2.4	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 43)	No	LA	7	170	1.40	2.81	4	E	4	21	48	14.8	14.85	34.159117	-118.3799	Biofiltration Swale	PS&E		7/1/2011	25.63	7/17/2015	5/30/2017		0.00	0.00	25.63	2.8	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 43)	No	LA	7	170		0.62	4	E	4	21	48	14.89	14.91	34.15965	-118.3802	Biofiltration Swale	PS&E		7/1/2011		7/17/2015	5/30/2017		0.00	0.00	0.62	0.6	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 43)	No	LA	7	170		4.31	4	E	4	21	48	14.97	15	34.15901	-118.3798	Biofiltration Swale	PS&E		7/1/2011		7/17/2015	5/30/2017		0.00	0.00	4.31	4.3	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 48)	No	LA	7	170		1.03	4	E	4	21	48	16	16.01	34.17315	-118.3909	Biofiltration Swale	PS&E		7/1/2011		7/17/2015	5/30/2017		0.00	0.00	1.03	1.0	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 48)	No	LA	7	170		4.35	4	E	4	21	48	16.03	16.16	34.17277	-118.3893	Biofiltration Swale	PS&E		7/1/2011		7/17/2015	5/30/2017		0.00	0.00	4.35	4.4	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 49)	No	LA	7	170		2.33	4	E	4	21	48	16.25	16.35	34.17716	-118.3938	Biofiltration Swale	PS&E		7/1/2011		7/17/2015	5/30/2017		0.00	0.00	2.33	2.3	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 54)	No	LA	7	170		3.44	4	E	4	21	48	17.23	17.26	34.18716	-118.401	Biofiltration Swale	PS&E		7/1/2011		7/17/2015	5/30/2017		0.00	0.00	3.44	3.4	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 55)	No	LA	7	170		2.88	4	E	4	21	48	17.36	17.49	34.18741	-118.402	Biofiltration Swale	PS&E		7/1/2011		7/17/2015	5/30/2017		0.00	0.00	2.88	2.9	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 55a)	No	LA	7	170		1.45	4	E	4	21	48	17.55	17.59	34.19192	-118.4019	Biofiltration Swale	PS&E		7/1/2011		7/17/2015	5/30/2017		0.00	0.00	1.45	1.5	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(BIOS 56)	No	LA	7	170		2.08	4	E	4	21	48	17.81	17.9	34.19841	-118.4024	Biofiltration Swale	PS&E		7/1/2011		7/17/2015	5/30/2017		0.00	0.00	2.08	2.1	N/A	81.9	Yes	NA	2015-2016	
7-232801	Soundwall Construction(MEDF 46)	No	LA	7	170		1.73	4	E	4	21	48	15.7	15.7	34.16918	-118.3855	Media Filter	PS&E		7/1/2011		7/17/2015	5/30/2017		0.00	0.00	1.73	1.7	N/A	81.9	Yes	NA	2015-2016	

# Appendix B – Napa River and Sonoma Creek Desktop Survey Results

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Table B-1: Desktop Prioritization of Napa River Crossings

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Land Use	Watershed	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
Ritchie Creek	29	33.111	38.5529	-122.5198	2	Bridge	Perennial	Agriculture	Small	No	Heavy vegetation (Trees and brush) in and around creek; Side slopes: Steep, Lined with rip rap north of bridge; Channel bottom: Rock and Gravel; Structural integrity: Unknown;	High	Priority per 2015 CT Fish Passage	N/A
Sarco Creek 2	121	9	38.3233	-122.2730	2	Bridge	Perennial	Agricultural and Residential	Small	No	Heavy vegetation (Trees, grasses, brush) around channel Side slopes: Steep Channel bottom: Rock and dirt Structural integrity: Unknown	High	Priority per 2015 CT Fish Passage	2017/18 - Bridge Replacement
NAPA R 1	29	37.0	38.5774	-122.5799	2	Bridge	Perennial	Residential	Large	No	Heavy vegetation (Trees and brush) in and around creek; Side slopes: Steep; Well vegetated Channel bottom: Unknown; Structural integrity: Unknown;	High	N/A	2016/17 - Bridge Replacement
CONN CR 3	128	7.3	38.4870	-122.4059	2	Bridge	Perennial	Agriculture	Large	No	Heavy vegetation (Trees, brush and grass) around creek; Side slopes: Moderate, dense vegetation; Channel bottom: Gravel and Rock; Structural integrity: Unknown;	High	N/A	2017/18 - Bridge Replacement
Tulucay Creek 1	121	6.4	38.2865	-122.2746	4	Culvert	Perennial	Commercial, Residential	Small	No	Heavy vegetation (Trees, grasses, brush) in and around channel Side slopes: Steep Channel bottom: Unknown Structural integrity: Unknown	High	N/A	2017/18 - Bridge Replacement
Garnett Creek	29	39.1	38.6036	-122.5895	2	Bridge	Perennial	Agriculture	Small	No	Moderate vegetation (Trees, grasses, brush) around creek; Side slopes: Moderate; Well vegetated Channel bottom: Rock and Gravel; Structural integrity: Unknown	High	N/A	2019/20 - Bridge Maintenance
Mill Creek	29	32.0	38.5411	-122.5089	2	Bridge	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees and brush) around creek; Side slopes: Moderate; Well vegetated Channel bottom: Rock and Gravel; Structural integrity: Unknown	High	N/A	2019/20 - Bridge Maintenance

Table B-1: Desktop Prioritization of Napa River Crossings

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Land Use	Watershed	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
Huichica Creek	121	0.7	38.2558	-122.3674	2	Bridge	Perennial	Agriculture	Small	No	Heavy vegetation (Trees, grasses, brush) in and around channel Side slopes: Steep Channel bottom: Rock and gravel Structural integrity: Unknown	High	N/A	2017/18 - Roadway Widening
DRY CR	29	16.5	38.3653	-122.3377	4	Bridge	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees, grasses brush) in and around creek; Side slopes: Moderate; Well vegetated Channel bottom: Soft soil and Gravel; Structural integrity: unknown; Appears to be in good condition *Visible "low flow" erosion path which could promote scouring	Medium	N/A	N/A
Napa Creek	29	11.7	38.3015	-122.3030	4	Bridge	Perennial	Residential	Large	No	Heavy vegetation (Trees and brush) around creek; Side slopes: Steep; Some vegetation Channel bottom: Unknown; Structural integrity: Unknown;	Medium	N/A	N/A
Sheehy Creek	29	5.0	38.2276	-122.2582	4	Culvert	Perennial	Residential	Medium	No	Moderate vegetation (Trees and brush) in and around creek; Side slopes: Moderate to Steep, Lined with rip rap to the north-east; Channel bottom: Rock and Gravel; Structural integrity: Unknown;	Medium	N/A	N/A
Suscol Creek	29	6.1	38.2404	-122.2675	4	Culvert and Bridge	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees and brush) around creek; Side slopes: Steep; Moderate vegetation Channel bottom: Unknown; Structural integrity: Unknown;	Medium	N/A	N/A
Unnamed 11	29	38.9	38.6022	-122.5874	2	Culvert	Perennial	Agriculture	Small	No	Sparse vegetation (Trees and brush) around creek; Side slopes: Moderate, grass lined; Channel bottom: Gravel and Soil; Structural integrity: Unknown; *Desktop Survey of outfall suggests erosion is prevalent	Medium	N/A	N/A

Table B-1: Desktop Prioritization of Napa River Crossings

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Land Use	Watershed	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
NAPA R 4	37	7.6	38.1192	-122.2830	4	Bridge	Perennial	Commercial and Open/Rural	Large	No	Heavy grass-vegetated surrounding embankment, boat dock nearby Side slopes: Low to medium steepness Channel bottom: Unknown; Structural integrity: Unknown *Large River Crossing (bridge spans over 0.4 miles), <b>WEST END</b>	Medium	N/A	N/A
NAPA R 5	37	8.0	38.1218	-122.2762	4	Bridge	Perennial	Commercial and Open/Rural	Large	No	Heavy grass-vegetated surrounding embankment, boat dock nearby Side slopes: Low to medium steepness Channel bottom: Unknown; Structural integrity: Unknown *Large River Crossing (bridge spans over 0.4 miles), <b>EAST END</b>	Medium	N/A	N/A
Unnamed 20	37	0.1	38.1557	-122.4058	2	Bridge	Perennial	Open/Rural	Large	No	Heavy grass-vegetated surrounding embankment Side slopes: Low to medium steepness Channel bottom: Unknown; Structural integrity: Unknown *Large River Crossing (bridge spans about 0.1 miles)	Medium	N/A	N/A
Unnamed 22	37	8.9	38.1310	-122.2632	2	Bridge	Perennial	Residential and Open/Rural	Medium	Highway expansion/construction in 2003. Dedicated bike lane appears in 2007 imagery.	Heavy grass-vegetated surrounding embankment Side slopes: Low to medium steepness Channel bottom: Unknown; Structural integrity: Unknown; Appears to be in good condition	Medium	N/A	N/A
CONN CR 1	128	11.4	38.4902	-122.3486	2	Culvert	Non-Perennial	Open/Rural	Large	No	Light vegetation (grasses, brush) in surrounding area Side slopes: Low or medium steepness Channel bottom: Unknown Structural integrity: Unknown; Road appears to be in good condition * Marsh area, thus roadway acts as culvert and overpass	Medium	N/A	N/A
NAPA R 8	128	5.1	38.4637	-122.4142	2	Bridge	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees, brush and grass) around creek; Side slopes: Steep, some vegetation; Channel bottom: Gravel and soft soil; Structural integrity: Unknown;	Medium	N/A	N/A

**Table B-1: Desktop Prioritization of Napa River Crossings**

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Land Use	Watershed	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
Unnamed 30	128	10.7	38.4831	-122.3557	2	Culvert	Perennial	Rural Wooded Area	Small	No	Moderate vegetation (Trees, brush and grass) around creek; Side slopes: Mild, well vegetated; Channel bottom: Gravel and Rock; Structural integrity: Unknown; *Potential Erosion on the Northwest outfall embankment (Exposed roots and soil)	Medium	N/A	N/A
Unnamed	12	2.0	38.2170	-122.2245	2	Bridge	Perennial	Agriculture	Large	Added 2 lanes between 2013 and 2014. Multiple inlets added; Probably safe to assume any maintenance needed to bridge was conducted during this time	Heavy vegetation (Trees, grasses, brush) in and around creek; Side slopes: Steep; Channel bottom: unknown; Structural integrity: unknown	Low	N/A	N/A
Unnamed	12	3.1	38.2111	-122.2065	2	Bridge	Perennial	Agriculture	Medium	Added 2 lanes between 2013 and 2014. Multiple inlets added; Probably safe to assume any maintenance needed to bridge was conducted during this time	Heavy vegetation (Trees, grasses, brush) in and around creek; Side slopes: Steep; armored Channel bottom: unknown; Structural integrity: unknown; appears to be new construction	Low	N/A	N/A
Bale Slough	29	25.4	38.4687	-122.4300	2	Bridge	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees, grasses, brush) in and around creek; Side slopes: Moderate; Well vegetated Channel bottom: unknown; Structural integrity: unknown; Appears to be in good condition	Low	N/A	N/A
Jericho Canyon Creek	29	42.9	38.6418	-122.5967	2	Culvert	Perennial	Rural Wooded Area	Small	No	Heavy vegetation (Trees and brush) around creek; Side slopes: Steep; Some vegetation Channel bottom: Unknown; Structural integrity: Unknown	Low	N/A	N/A

**Table B-1: Desktop Prioritization of Napa River Crossings**

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Land Use	Watershed	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
NAPA R 2	29	7.1	38.2439	-122.2851	4	Bridge	Perennial	Agriculture	Large	No	Moderate vegetation (Trees, brush and grass) around creek; Side slopes: Mild; Well vegetated Channel bottom: Unknown; Structural integrity: Unknown; *Bridge crossing is approx. 0.2 miles, high above the Napa river	Low	N/A	N/A
NAPA R 3	29	7.2	38.2440	-122.2860	4	Bridge	Perennial	Agriculture	Large	No	Moderate vegetation (Trees, brush and grass) around creek; Side slopes: Mild; Well vegetated Channel bottom: Unknown; Structural integrity: Unknown; *Bridge crossing is approx. 0.2 miles, high above the Napa river	Low	N/A	N/A
Nash Creek	29	34.2	38.5598	-122.5363	2	Culvert	Perennial	Agriculture	Small	No	Moderate vegetation (Trees and brush) in and around creek; Side slopes: Steep; Well vegetated Channel bottom: Gravel and Soil; Structural integrity: Unknown;	Low	N/A	N/A
Sulphur Creek	29	28.4	38.5025	-122.4659	2	Culvert	Perennial	Residential	Small	No	Heavy vegetation (Trees and brush) in and around creek; Side slopes: Steep; Well vegetated Channel bottom: Unknown; Structural integrity: Unknown;	Low	N/A	N/A
York Creek	29	29.3	38.5102	-122.4787	2	Culvert	Perennial	Residential	Small	No	Heavy vegetation (Trees and brush) in and around creek; Side slopes: Steep, Concrete Lined; Channel bottom: Unknown; Structural integrity: Unknown;	Low	N/A	N/A
Unnamed 12	29	35.7	38.5665	-122.5632	2	Culvert	Perennial	Agriculture	Small	No	Moderate vegetation (Trees, brush and grass) around creek; Side slopes: Moderate; Well vegetated Channel bottom: Rock and Gravel; Structural integrity: Unknown;	Low	N/A	N/A
Unnamed 13	29	22.4	38.4321	-122.3981	2	Culvert	Perennial	Agriculture	Small	No	Heavy vegetation (Trees, brush and grass) around creek; Side slopes: Steep; Well vegetated Channel bottom: Unknown; Structural integrity: Unknown;	Low	N/A	N/A

**Table B-1: Desktop Prioritization of Napa River Crossings**

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Land Use	Watershed	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
Unnamed 14	29	21.7	38.4243	-122.3913	2	Culvert	Perennial	Agriculture	Small	No	Heavy vegetation (Trees, brush and grass) around creek; Side slopes: Steep; Well vegetated Channel bottom: Gravel and Soil; Structural integrity: Unknown;	Low	N/A	N/A
Unnamed 16	29	8.4	38.2538	-122.3037	4	Culvert	Perennial	Agriculture	Small	No	Heavy vegetation (Trees, brush and grass) around creek; Side slopes: Steep; Well vegetated Channel bottom: Unknown; Structural integrity: Unknown;	Low	N/A	N/A
Unnamed 17	29	7.4	38.2449	-122.2900	4	Culvert	Perennial	Rural Open Space	Small	No	Sparse vegetation (Brush and Grass) around and in creek; Side slopes: Moderate, grass lined; Channel bottom: Unknown; Structural integrity: Unknown; *Directly discharges to Napa River	Low	N/A	N/A
Unnamed 18	29	4.0	38.2137	-122.2565	4	Culvert	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees, brush and grass) around creek; Side slopes: Steep, Heavily vegetated; Channel bottom: Unknown; Structural integrity: Unknown;	Low	N/A	N/A
Unnamed 19	29	0.5	38.1632	-122.2530	4	Culvert	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees, brush and grass) around creek; Side slopes: Steep; Heavily vegetated; Channel bottom: Unknown; Structural integrity: Unknown;	Low	N/A	N/A
Unnamed 25	80	5.1	38.1321	-122.2245	6	Culvert	Perennial	Commercial, Residential, Open	Small	No	Heavy grass-vegetated in channel Side slopes: Steep, concrete channel walls Channel bottom: Unknown; Structural integrity: Unknown * Can only identify river cross pathway on one side of freeway. Culvert located near intersection of Turner Parkway and Hwy 80.	Low	N/A	N/A
CARNEROS CR	121	2.4	38.2548	-122.3395	2	Bridge	Perennial	Agriculture	Small	No	Heavy vegetation (Trees, grasses, brush) in and around channel Side slopes: Unknown Channel bottom: Unknown; Structural integrity: Unknown	Low	N/A	N/A

Table B-1: Desktop Prioritization of Napa River Crossings

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Land Use	Watershed	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
NAPA R 6	121	5.3	38.2815	-122.2853	4	Bridge	Perennial	Commercial, Residential	Large	Highway expansion/construction in 2004.	Heavy grass-vegetated surrounding embankment Side slopes: Medium to high steepness Channel bottom: Unknown; Structural integrity: Unknown; Appears to be in good condition *Large River Crossing (bridge spans about 0.1 miles), <b>WEST END</b>	Low	N/A	N/A
NAPA R 7	121	5.4	38.2814	-122.2842	4	Bridge	Perennial	Commercial, Residential	Large	Highway expansion/construction in 2004.	Heavy grass-vegetated surrounding embankment Side slopes: Medium to high steepness Channel bottom: Unknown; Structural integrity: Unknown; Appears to be in good condition *Large River Crossing (bridge spans about 0.1 miles), <b>EAST END</b>	Low	N/A	N/A
Sarco Creek 1	121	13.7	38.3554	-122.2146	2	Culvert	Perennial	Agriculture and Open/Rural	Small	No	Heavy vegetation (Trees, grasses, brush) in and around channel Side slopes: Unknown Channel bottom: Unknown; Structural integrity: Unknown	Low	N/A	N/A
Tulucay Creek 2	121	5.7	38.2809	-122.2775	4	Bridge	Perennial	Commercial, Open/Rural	Small	1993 imagery shows No building, and thus no conflict with river flow line (EPA)	Heavy grass-vegetated in and around channel Side slopes: Medium to High Steep Channel bottom: Unknown Structural Integrity: Unknown * Can only identify river cross pathway on one side of freeway, potential flow path on southern end. Needs field verification.	Low	N/A	N/A
Unnamed 26	121	0.9	38.2560	-122.3635	2	Bridge	Perennial	Agricultural	Small	No	Heavy vegetation (Trees, grasses, brush) in and around channel Side slopes: Steep Channel bottom: Unknown Structural integrity: Unknown; Appears to be in good condition	Low	N/A	N/A
Blossom Creek 1	128	2.4	38.5909	-122.6102	2	Bridge	Perennial	Agricultural	Small	No	Heavy vegetation (Trees, grasses, brush) in and around channel Side slopes: Steep Channel bottom: Unknown Structural integrity: Unknown * Blossom Creek crossing (south end)	Low	N/A	N/A

Table B-1: Desktop Prioritization of Napa River Crossings

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Land Use	Watershed	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
Blossom Creek 2	128	2.4	38.5909	-122.6102	2	Culvert	Perennial	Agricultural	Small	No	Heavy vegetation (Trees, grasses, brush) in and around channel Side slopes: Steep Channel bottom: Unknown Structural integrity: Unknown * Blossom Creek crossing (north end)	Low	N/A	N/A
Cyrus Creek	128	3.7	38.5807	-122.5951	2	Bridge	Perennial	Residential	Small	No	Moderate vegetation (Brush and grass) around creek; Side slopes: Mild, well vegetated; Channel bottom: Rock lined; Structural integrity: Unknown;	Low	N/A	N/A
SAGE CR	128	15.8	38.5044	-122.2958	2	Culvert	Perennial	Rural Wooded Area	Small	No	Moderate vegetation (Trees, brush and grass) around creek; Side slopes: Moderate, some vegetation; Channel bottom: Rock and Gravel; Structural integrity: Unknown;	Low	N/A	N/A
Unnamed 28	128	16.8	38.5057	-122.2815	2	Culvert	Perennial	Rural Wooded Area	Small	No	Moderate vegetation (Trees, brush and grass) around creek; Side slopes: Moderate, Well vegetated; Channel bottom: Unknown; Structural integrity: Unknown;	Low	N/A	N/A
Unnamed 29	128	13.9	38.4879	-122.3093	2	Culvert	Perennial	Rural Wooded Area	Small	No	Moderate vegetation (Trees, brush and grass) around creek; Side slopes: Moderate, Some vegetation; Channel bottom: Gravel and Rock; Structural integrity: Unknown;	Low	N/A	N/A
Unnamed 31	221	1.6	38.2638	-122.2707	4	Culvert	Perennial	Agriculture/Industrial	Small	No	Heavy vegetation (Trees, brush and grass) around creek; Side slopes: Moderate; Channel bottom: Gravel and Soil; Structural integrity: Unknown;	Low	N/A	N/A
North Slough	29	2.3	38.1890	-122.2560	4	Unknown	Perennial	Unknown	Unknown	Unknown	Cannot identify river crossing. Needs updated information and field verification.	N/A	N/A	N/A
Unnamed 15	29	9.6	38.2708	-122.2984	4	Unknown	Non-Perennial	Rural Open Space	Unknown	Unknown	Cannot identify river crossing. Needs updated information and field verification.	N/A	N/A	N/A
Unnamed 21	37	10.4	38.1420	-122.2423	4	Unknown	Non-Perennial	Residential and Commercial	Unknown	Highway construction in 2005.	Cannot identify river crossing. Needs updated information and field verification.	N/A	N/A	N/A



**Table B-1: Desktop Prioritization of Napa River Crossings**

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Land Use	Watershed	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
Unnamed 23	37	3.9	38.1348	-122.3449	2	Unknown	Non-Perennial	Open/Rural	Unknown	Unknown	Cannot identify river crossing, possible culvert. Needs field verification.	N/A	N/A	N/A
Unnamed 24	80	7.2	38.1599	-122.2112	9	Culvert	Perennial	Commercial and Open/Rural	Unknown	Unknown	Cannot identify river crossing along culvert. Needs field verification.	N/A	N/A	N/A
Unnamed 27	121	3.7	38.2581	-122.3163	2	Unknown	Perennial	Agricultural	Unknown	No	Cannot identify river crossing. Not enough information. Needs field verification.	N/A	N/A	N/A

Table B-2: Desktop Prioritization of Sonoma Creek Crossings

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Landuse	Watershed Size	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
Calabazas Creek	12	29.4	38.3875	-122.5200	2	Bridge	Perennial	Agriculture	Large	No	Heavy vegetation (Trees and Brush) in and around channel; Side slopes: Unknown; Channel bottom: Unknown; Structural Integrity: Unknown;	High	N/A	2017/18 - Scour Mitigation
SONOMA CR	12	25.8	38.4275	-122.5596	2	Bridge	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees and Brush) in and around channel; Side slopes: Moderate Channel bottom: Rock and Gravel Structural Integrity: Unknown;	High	N/A	N/A
Stuart Creek	12	30.8	38.3696	-122.5149	2	Culvert	Perennial	Agriculture	Small	No	Moderate vegetation (Trees and Brush) around channel; Side slopes: Steep; Channel bottom: Rock and Gravel; Structural Integrity: Unknown;	High	N/A	N/A
SONOMA CR	121	7.3	38.2406	-122.4509	2	Bridge	Perennial	Agriculture	Large	No	Heavy vegetation (Trees and Brush) around channel; Side slopes: Unknown; Channel bottom: Unknown; Structural Integrity: Unknown;	Medium	N/A	N/A
TOLAY CR	121	1.5	38.1702	-122.4573	2	Bridge	Perennial	Agriculture	Medium	No	Moderate vegetation (Grass and Shrubs) in and around channel; Side slopes: Mild; Channel bottom: Soft Soil; Structural Integrity: Unknown;	Medium	N/A	N/A
Unnamed 7 - "Schell Creek"	121	8.3	38.2462	-122.4349	2	Culvert	Perennial	Agriculture	Small	No	Moderate vegetation (Trees, Brush and Grass) around channel; Side slopes: Moderate; Channel bottom: Soft Soil; Structural Integrity: Unknown;	Medium	N/A	N/A
Unnamed 8	121	6.5	38.2340	-122.4606	2	Culvert	Perennial	Residential	Small	No	Moderate vegetation (Brush and Grass) around and in channel; Side slopes: Steep; Channel bottom: Soft Soil; Structural Integrity: Unknown; *SDSI Info indicates outfall could require maintenance. Undercrossing has minimal scouring around edges	Medium	N/A	N/A

Table B-2: Desktop Prioritization of Sonoma Creek Crossings

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Landuse	Watershed Size	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
Unnamed 9	121	4.4	38.2047	-122.4506	2	Culvert	Perennial	Agriculture	Small	No	Moderate vegetation (Grass and Shrubs) in and around channel; Side slopes: Moderate; Channel bottom: Soft Soil; Structural Integrity: Unknown;	Medium	N/A	N/A
Unnamed 10	121	1.9	38.1743	-122.4544	2	Culvert	Perennial	Agriculture	Medium	No	Moderate vegetation (Brush and Grass) around and in channel; Side slopes: Mild; Channel bottom: Soft Soil; Structural Integrity: Unknown; *Land to the Southwest historically acts as a floodplain/marsh affecting the culvert/bridge erosion. SDSI data indicates notable erosion and sediment build-up at outfall.	Medium	N/A	N/A
Wilson Creek	12	32.7	38.3460	-122.4988	2	Culvert	Perennial	Agriculture	Small	No	Moderate vegetation (Trees and Brush) around channel; Side slopes: Steep; Channel bottom: Unknown; Structural Integrity: Unknown;	Low	N/A	N/A
Unnamed 1	12	25.4	38.4302	-122.5657	2	Culvert	Perennial	Agriculture	Small	No	Moderate vegetation (Grass and Brush) around and in channel; Side slopes: Steep; Channel bottom: Soft Soil; Structural Integrity: Unknown;	Low	N/A	N/A
Unnamed 2	12	27.1	38.4136	-122.5454	2	Culvert	Perennial	Agriculture	Small	No	Heavy vegetation (Trees and Brush) around channel; Side slopes: Moderate; Channel bottom: Rock and Gravel; Structural Integrity: Unknown;	Low	N/A	N/A
Unnamed 3	12	29.0	38.3902	-122.5259	2	Culvert	Perennial	Agriculture	Small	No	Heavy vegetation (Trees and Brush) around channel; Side slopes: Steep; Channel bottom: Unknown; Structural Integrity: Unknown;	Low	N/A	N/A
Unnamed 4	12	33.3	38.3384	-122.4935	2	Culvert	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees and Brush) in and around channel; Side slopes: Moderate; Channel bottom: Rock and Gravel; Structural Integrity: Unknown;	Low	N/A	N/A

Table B-2: Desktop Prioritization of Sonoma Creek Crossings

Waterbody Name	Route	Post Mile	Latitude	Longitude	Number of Lanes	Crossing Type	Flow	Landuse	Watershed Size	Historical Changes	Notes	Desktop Assessment	2015 CT Fish Passage	SHOPP
Unnamed 5	37	4.1	38.1519	-122.4465	2	Bridge	Perennial	Rural/Undeveloped	Large	No	Moderate vegetation (Grass and Shrubs) in and around channel; Side slopes: Mild; Channel bottom: Soft Soil; Structural Integrity: Unknown;	Low	N/A	N/A
Unnamed 6	37	6.2	38.1559	-122.4083	2	Bridge	Perennial	Rural/Undeveloped	Large	No	Moderate vegetation (Grass and Shrubs) in and around channel; Side slopes: Mild; Channel bottom: Soft Soil; Structural Integrity: Unknown;	Low	N/A	N/A
Champlin Creek 1	116	44.3	38.2528	-122.4878	2	Bridge	Perennial	Agriculture	Small	No	Moderate vegetation (Grass and Shrubs) in and around channel; Side slopes: Mild; Channel bottom: Rock and Gravel; Structural Integrity: Unknown;	Low	N/A	N/A
Champlin Creek 2	116	43.1	38.2412	-122.5052	2	Unknown	Perennial	Unknown	Unknown	Unknown	4 Points in the same area. No channel at this location	Low	N/A	N/A
Champlin Creek 3	116	43.1	38.2412	-122.5052	2	Culvert	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees and Brush) around channel to North-West; Sparse vegetation (Brush and Grass) around and in channel to South-West; Side slopes: Moderate to Steep; Channel bottom: Rock and Gravel; Structural Integrity: Unknown;	Low	N/A	N/A
Champlin Creek 4	116	43.1	38.2412	-122.5052	2	Culvert	Perennial	Agriculture	Medium	No	Heavy vegetation (Trees and Brush) around channel; Side slopes: Moderate; Channel bottom: Unknown; Structural Integrity: Unknown;	Low	N/A	N/A
Arroyo Seco	121	8.4	38.2463	-122.4324	2	Culvert	Perennial	Agriculture	Small	No	Moderate vegetation (Grass and Shrubs) in and around channel; Side slopes: Moderate; Channel bottom: Soft Soil; Structural Integrity: Unknown;	Low	N/A	N/A

## **Appendix C – Miscellaneous Attachments**

**Klamath River Watershed Fish Passage Projects**

**Napa River Stream Crossings**

**Sonoma Creek Stream Crossings**

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## Fish Passage Projects - Klamath River TMDL

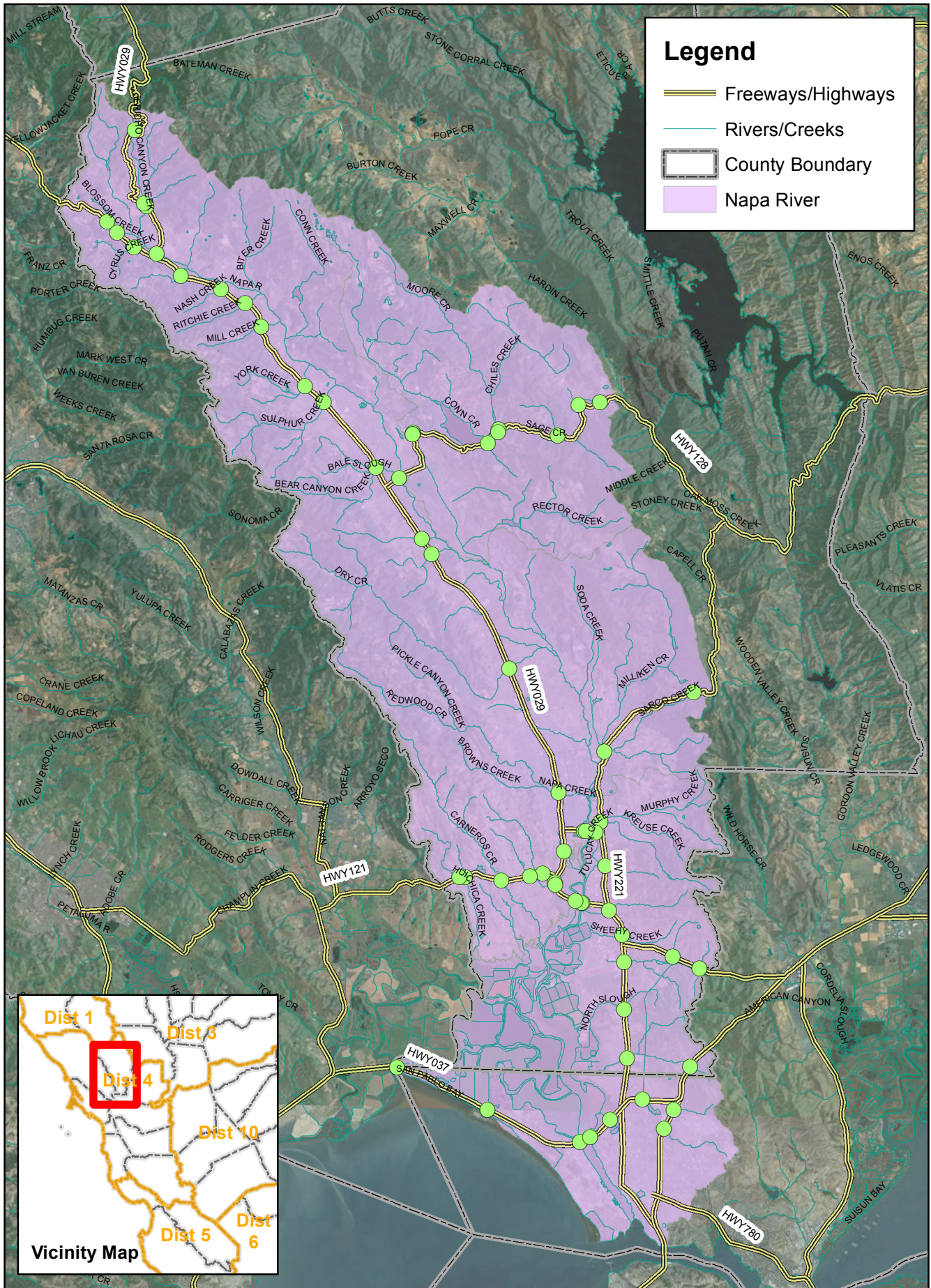
Last Updated: September 27, 2016

Data Type	District	County	Route	PM	Pad ID	Stream Name	Tributary to	Status
Fish Passage Barrier for Remediation	2	Siskiyou	3	6.5	707148	Big Mill Creek	Scott River	Priority
Fish Passage Barrier for Remediation	2	Siskiyou	96	43.2	720541	Cade Creek	Klamath River	Priority
Completed Fish Passage Remediations	1	Humboldt	169	22.37	706138	Cappell Creek		Completed
Completed Fish Passage Remediations	2	Siskiyou	96	56	707168	Klamath River		Completed
Completed Fish Passage Remediations	2	Siskiyou	96	56	707168	Fort Goff Creek		Completed
Fish Passage Barrier for Remediation	2	Trinity	299	51.4	735941	Garden Gulch	Trinity River	Priority
Fish Passage Remediation Project	2	Trinity	299	68	720511	Little Grass Valley Creek	Trinity Dam Boulevard Fish Ladder	Active
Fish Passage Remediation Project	2	Trinity	299	68.2	735688	Little Grass Valley Creek	Trinity Dam Boulevard Fish Ladder	Active
Completed Fish Passage Remediations	2	Siskiyou	96	65.4	707147	O'Neil Creek		Completed
Fish Passage Barrier for Remediation	2	Siskiyou	5	27.18	720504	Parks Creek	Shasta River	Priority
Fish Passage Barrier for Remediation	2	Siskiyou	96	56.9	707169	Portuguese Creek	Klamath River	Priority
Fish Passage Barrier for Remediation	2	Trinity	299	51.2	737674	Sydney Gulch	Trinity River	Priority
Fish Passage Barrier for Remediation	2	Trinity	299	49.6	720522	West Weaver Crk	Trinity River	Priority
Completed Fish Passage Assessments	4	Humboldt	96	8.83	707141	Campbell Creek	Trinity River	Completed
Fish Passage Barrier for Remediation	2	Siskiyou	9	9.1	720537	Sandy Bar Creek	Klamath River	Priority

Source: Coastal Anadromous Fish Passage Assessment and Remediation Progress Report Annual Report to the Legislature for Calendar Year 2014

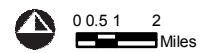
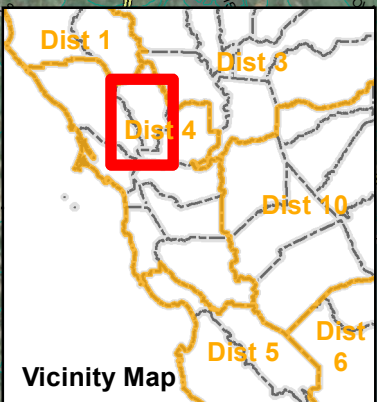
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**Legend**

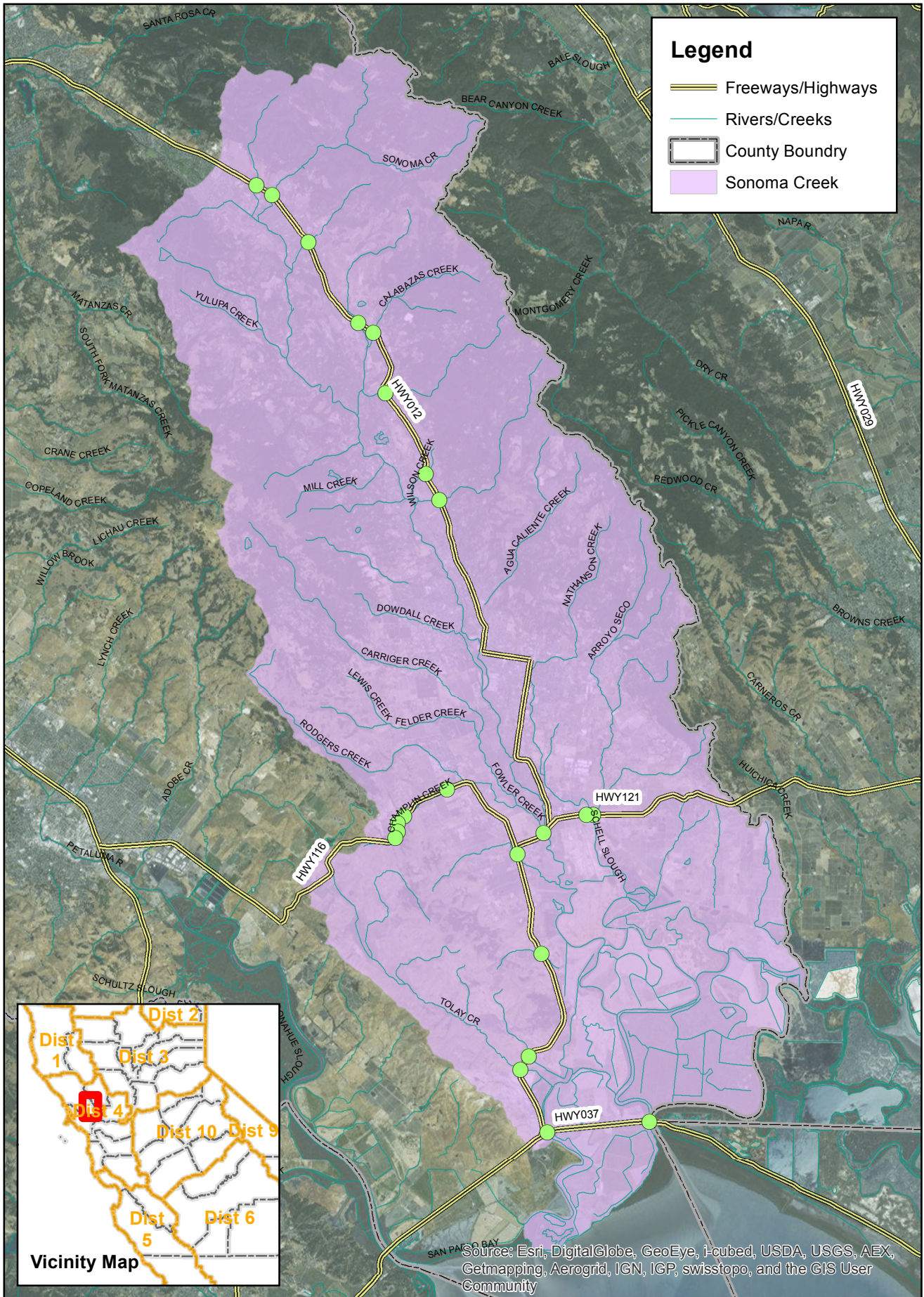
- Freeways/Highways
- Rivers/Creeks
- County Boundary
- Napa River



Source: Caltrans; ESRI; RBF Consulting; RWQCB; SWRCB  
 Source: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

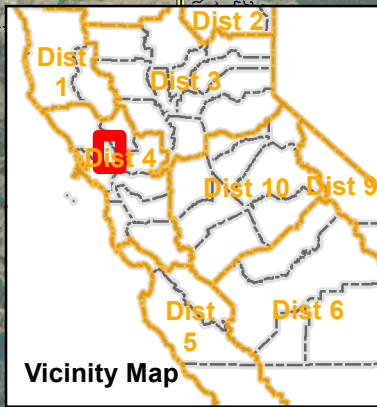
**Napa River (Sediment)**

STREAM CROSSINGS

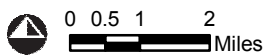


**Legend**

- Freeways/Highways
- Rivers/Creeks
- County Boundry
- Sonoma Creek



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



# Sonoma Creek (Sediment)

Source: Caltrans; ESRI; RBF Consulting; RWQCB; SWRCB  
 Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

STREAM CROSSINGS