



Year-End Performance Report FY2015-2016

A Summary of Maintenance Activity Storm Water Compliance Reviews

CTSW-RT-16-321.04.1

September 2016

**California Department of Transportation
Division of Environmental Analysis, Stormwater Program
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<http://www.dot.ca.gov/hq/env/stormwater/index.htm>

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Acronyms, Abbreviations, and Definitions

AMOCR: Annual Maintenance and Operation Compliance Review Plan

BMPs: Best Management Practices

Department: State of California, Department of Transportation

DMSWC: District Maintenance Stormwater Coordinator

Family: Organization of Maintenance work consistent with the Department’s methods used to record, report and monitor maintenance work as it is planned and performed.

FPPP: Facility Pollution Prevention Plan

FY: Fiscal Year

Maintenance: California Department of Transportation, Division of Maintenance

Maintenance Activities: Routine maintenance activities that may require clearing, grading or excavation to maintain original line and grade, hydraulic capacity or original purpose of the facility.

Maintenance Facility: Facilities under the Department’s ownership or control that contain such areas as fueling areas, waste storage or disposal facilities, wash racks, equipment or vehicle storage and materials storage areas.

NPDES: National Pollutant Discharge Elimination System

Permit: National Pollutant Discharge Elimination System Statewide Stormwater Permit and Waste Discharge Requirements (WDRs) for the State of California, Department of Transportation

Maintenance Staff Guide: Caltrans Stormwater Quality Handbook: Maintenance Staff Guide (Interim, rev. September 2012)

SWMP: Storm Water Management Plan (latest)

USEPA: U.S. Environmental Protection Agency

1. Introduction

This Year-End Performance Report is for Fiscal Year (FY) 2015–2016. It summarizes the results of stormwater compliance reviews conducted on the California Department of Transportation (Department) maintenance activities. Facilities and activities reviews were conducted to verify compliance with the requirements of the Department’s Statewide Storm Water Management Plan (SWMP). The SWMP was developed in accordance with the requirements prescribed in the National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit and Waste Discharge Requirements (WDRs) for the State of California, Department of Transportation, NPDES No. CAS000003 (Permit).

The key elements of this Year-End Performance Report include:

- Description of the stormwater maintenance activity compliance program (Section 2).
- Summaries of maintenance activity compliance reviews and stormwater management Best Management Practice (BMP) effectiveness (Section 3).
- Maintenance activity compliance review assessments (Section 4).
- Summary of compliance assistance (Section 5).

2. Maintenance Activity Compliance Program

The Maintenance Activity Compliance Program is a Departmental effort to review maintenance activities for compliance with the Permit. Reviews are conducted by an independent third party consultant (third party). To implement the compliance program and meet the SWMP requirements, guidelines are developed and presented in an Annual Maintenance and Operation Compliance Review Plan (AMOCR). Under this plan, a minimum of 10 activities are reviewed in each District annually. Statewide, there are 12 Districts with various maintenance activities.

The reviews are conducted in accordance with the AMOCR and in consultation and coordination with the Department’s Division of Environmental Analysis and the Department’s Division of Maintenance.

The key component of the Storm Water Maintenance Activity Compliance Program is the Caltrans Stormwater Quality Handbook: Maintenance Staff Guide (Interim, rev. September 2012) (Maintenance Staff Guide). The Maintenance Staff Guide is a Maintenance employee handbook that incorporates the approved Maintenance BMPs providing direction, guidance, policies and procedures for maintenance activities. The Storm Water Maintenance Activity Compliance Program objectives are to:

- Evaluate compliance of activities with the requirements of the Permit.
- Report compliance status to Department management.
- Evaluate BMP implementation results, suggest areas for improvement and recommend new BMP implementation methodologies.

This Year-End Performance Report summarizes the results of maintenance activities reviewed from July 1, 2015 to June 30, 2016.

2.1 Maintenance Activity BMPs

Maintenance work is organized into several Families (Families A through T) consistent with the Department’s method to record, report and monitor maintenance work as it is planned and performed. Maintenance activities are listed under the Families identified in the Maintenance Staff Guide. These activities represent typical maintenance work on State highways. The activities have the potential to

affect stormwater quality. The 62 maintenance activities are grouped into 14 Families that represent work of a similar nature. The Families and activities are defined in Table 2-1.

Table 2-1: Family of Activities	
Family of Activity	Activities
A Family – Flexible Pavement	Asphalt Cement Crack and Joint Grinding/Sealing; Asphalt Paving; Structural Pavement Failure (Digouts) Pavement Grinding/Paving; Emergency Pothole Repair; and Sealing Operations
B Family – Rigid Pavement	Portland Cement Crack and Joint Sealing; Mudjacking and Drilling; and Concrete Slab/Spall Repair
C Family – Slope/Drain/Vegetation	Shoulder Grading; Non-landscape Chemical Vegetation Control; Non-landscape Mechanical Vegetation Control/Mowing; Non-landscape Tree/Shrub Pruning, Brush Chipping, Tree/Shrub Removal; Fence Repair; Drainage Ditch/Channel Maintenance; Drain/Culvert Maintenance; and Curb/Sidewalk Repair
D Family – Litter/Debris/Graffiti	Sweeping Operations; Litter and Debris Removal; Emergency Response and Cleanup Practices; and Graffiti Removal
E Family – Landscaping	Chemical Vegetation Control; Manual Vegetation Control; Landscape Mechanical Vegetation Control/Mowing; Landscape Tree/Shrub Pruning, Brush Chipping, Tree/Shrub Removal; Irrigation Line Repair; and Irrigation
F Family – Environmental	Storm Drain Stenciling; Roadside Slope Inspection; Roadside Stabilization; Storm Water Treatment Devices; and Traction Sand Trap Devices
G Family - Public Facilities	Custodial Responsibilities at Restrooms, Fountains, and Picnic Areas; Maintenance of Appurtenances such as Roadway Surfacing, Signs, Pavement Markings, Buildings, Landscaping, and Electrical Installations
H Family – Bridges	Welding and Grinding; Sandblasting, Wet Blast (Sand Injection) and Hydroblasting; Painting; Bridge Repairs; and Draw Bridge Maintenance
J Family – Other Structures	Pump Station Cleaning; Tube and Tunnel Maintenance and Repair; Ferryboat Operations; Tow Truck Operations; and Toll Booth Lane Scrubbing Operations
K Family – Electrical	Sawcutting for Loop Installation
M Family – Traffic Guidance	Thermoplastic Stripping and Marking; Paint Stripping and Marking; Raised/Recessed Pavement Marker Application and Removal; Sign Repair and Maintenance; Median Barrier and Guard Rail Repair; and Emergency Vehicle Energy Attenuator Repair
R Family – Snow and Ice Removal	Snow Removal; and Ice Control
S Family – Storm Maintenance	Minor Slides and Slipouts Cleanup/Repair
T Family – Management and Support	Building and Grounds Maintenance; Storage of Hazardous Materials; Material Storage Control; Outdoor Storage of Raw Materials; Vehicle and Equipment Fueling/Cleaning/ Maintenance and Repair; and Aboveground and Underground Tank Leak/Spill Control

The Maintenance Staff Guide provides 64 Maintenance BMPs approved for statewide use. These Maintenance BMPs are individual BMPs relevant to maintenance activities. In addition to BMPs relevant to a specific maintenance activity, there are BMPs that are commonly applied to all maintenance activities and are defined as General BMPs. The General BMPs include Scheduling and Planning, Spill Prevention and Control, Sanitary/Septic Waste Management, Material Use, Safer Alternative Products, Vehicle/Equipment Cleaning/Fueling /Maintenance, Illicit Connection Detection/Reporting/Removal, Illegal Spill Discharge Control, and Maintenance Facility Housekeeping Practices.

In the Maintenance Staff Guide, Activity Cut-Sheets are provided to summarize the BMPs that are appropriate to implement for each maintenance activity in the Families.

2.2 Activity Review

Activity reviews were completed in FY2015–2016 for all the Maintenance Families listed in Table 2-1 except the B Family – Rigid Pavement and G Family – Public Facilities. No Rigid Pavement family or Public Facilities family of maintenance activities were encountered during the FY2015–2016. Although reviews were planned to be conducted in all of the Families, maintenance activities selected for review are limited by maintenance work planned and seasonal conditions.

2.2.1 Review Guidelines and Report

To maintain compliance with the AMOCP, Maintenance Activity Compliance Review Rating Guidelines and Procedures and a standardized Maintenance Activity Storm Water Compliance Review Report are developed and implemented for all activity reviews (Attachments A and B, respectively). The procedures and report are developed to evaluate the overall effectiveness of stormwater pollution prevention practices, implementation of those practices and the potential for pollutant discharge during maintenance activities.

During each review, the third party auditor rates the compliance status of the activity and documents the results using the Maintenance Activity Storm Water Compliance Report form. A rating is assigned representing an overall assessment of the activity’s compliance with the stormwater pollution prevention requirements. A copy of the completed checklist is submitted and reviewed with the supervisor or designated representative. An electronic online copy of the completed checklist is available to the District Maintenance Stormwater Coordinator (DMSWC).

2.2.2 Rating System

The rating system consists of a numeric component, 1 through 5, as defined in the Maintenance Activity Compliance Review Rating Guidelines and Procedures (Table 2-2) presented in Attachment A.

Table 2-2: Maintenance Activity Compliance Rating Summary	
Numeric Rating Summary	
1	No release observed. Appropriate BMPs implemented and effective.
2	No release observed. Appropriate BMPs implemented but are less than 100% effective.
3	No release observed. Appropriate BMPs not implemented.
4	Release (observed or evidence of a recent release) of an unauthorized substance from an activity to outside the Caltrans’ right-of-way.
5	Discharge (observed or evidence of a recent discharge) of an unauthorized substance from an activity to surface water.

Maintenance activities that receive a 1 or 2 Rating (i.e., BMPs are implemented and are effective or less than 100% effective, respectively) are considered to be compliant with the stormwater requirements. The BMPs that require repair or maintenance are documented and discussed with the Maintenance Supervisor or representative.

In contrast, the 3, 4, or 5 Rating (i.e., BMPs not implemented, release to outside the Caltrans’ right-of-way, or discharge to surface water, respectively) indicates the need for immediate corrective action. If the corrective action(s) is implemented immediately prior to the auditor leaving the activity location and a revisit is not conducted. If additional training is required, training is conducted and documented on a BMP Tailgate Meeting Form upon return to the maintenance facility. A Level 2 Maintenance Enforcement Response Program is triggered by a rating of 4 or 5.

2.3 Reporting and Communications

Throughout the reporting period, Department Headquarters and third party auditors maintain on-going communication on the progress of the program activities and the self-audit results. Regular status meetings are conducted with Department Headquarters and the third party auditors to identify programmatic issues and BMP deficiencies identified in the field.

2.3.1 Status Reports

The third party auditors prepare monthly status reports that are submitted to Headquarters staff. Each status report provides a list of District maintenance activities reviewed and a summary of review results.

2.3.2 Maintenance Activity Review Database Summary

A database is maintained to make review results and other useful information readily available to Headquarters staff. The database includes the maintenance activity reviewed, reference information (i.e., the maintenance activity location, supervisor/lead worker, Maintenance Facility assigned, contact information), overall activity BMP ratings and completed stormwater compliance forms. The summary of the database for FY2015-2016 is provided in Attachment C.

2.3.3 On-Site Training

Informal on-the-job training can occur during the compliance review to provide immediate site-specific guidance to facility supervisors and maintenance staff. The review schedule also allows sufficient time for the third party auditor to discuss observations with the facility supervisor, DMSWC or designated representatives.

3. Summary of Maintenance Activity Compliance Review Results

This section summarizes the review results and BMP implementation results of the stormwater compliance reviews that were conducted statewide from July 2015 through June 2016. A detailed list of results is provided in the Maintenance Activity Review Database Summary (FY2015–2016). See Attachment C.

Based on the maintenance work planned and the seasonal conditions in FY2015–2016, zero (0) to eighty-four (84) activity reviews were evaluated in the each of the Families. See Table 3-1.

**Table 3-1: Maintenance Family Activities Reviewed
FY2015-2016**

Maintenance Family	No. of Activities Reviewed	Location of Activities Reviewed
C Family - Slope/Drain/Vegetation	84	All Districts
E Family - Landscaping	33	Districts 2, 3, 4, 5, 6, 7, 8, 11, and 12
D Family - Litter/Debris/Graffiti	27	Districts 4, 6, 7, 8, 10, 11, and 12
M Family - Traffic Guidance	19	Districts 1, 2, 3, 4, 5, 6, 7, 8, 10, and 12
K Family - Electrical	9	Districts 3, 4, 5, 7, 10, 11, and 12
F Family - Environmental	6	Districts 1, 3, and 7
H Family - Bridges	6	Districts 2, 4, 5, and 12
A Family - Flexible Pavement	5	Districts 1, 5, 6, and 9
S Family - Storm Maintenance	3	Districts 2 and 6
T Family - Management and Support	3	Districts 1, 9, and 11
J Family -Other Structures	2	Districts 3 and 4
R Family - Snow and Ice Removal	1	District 9
G Family - Public Facilities	0	None
B Family - Rigid Pavement	0	None
TOTAL	198	

The activity reviews focused on proper implementation of the General BMPs and the activity-specific BMPs associated with the 14 Families. The Maintenance Activity Review Database Summary (FY2015-2016) provides review details, which includes the District, activity evaluated, location (County/Route/PM/Direction), review date and compliance rating. See Attachment C.

3.1 Activity Review Results by District

The third party auditors reviewed an average of 16.5 individual maintenance activities per District. In FY2015-2016, a total of 198 reviews were conducted across the 12 Districts. The selection process for the activities reviewed was based on geographical location and specific types of activities. All of the Families were targeted for review and the goal of 10 compliance reviews per District was achieved.

The numeric ratings results organized by District are presented in Table 3-2. A summary of the ratings results for the Districts include the following:

- Activity reviews were conducted in 39 of 58 counties statewide.
- Throughout the Districts a total of 198 activities (100%) received a 1 or 2 Rating (Appropriate BMPs implemented and effective or appropriate BMPs implemented but are less than 100% effective).
- Reviews across the 12 Districts were generally evenly distributed. District 7 had the most activity reviews (26 reviews) and District 9 had the least (9 reviews).
- None of the Districts had activities receive a 3, 4, or 5 Rating.

**Table 3-2: Compliance Review Activity Ratings Summary By District
FY2015-2016**

Numeric Rating Summary											
District	No. of Activities Reviewed	Appropriate & Effective BMPs		Appropriate BMPs, Not 100% Effective		Appropriate BMPs Not Implemented		Release Outside of Caltrans ROW		Release to Surface Water	
		1 Rating		2 Rating		3 Rating		4 Rating		5 Rating	
1	12	12	100%	0	0%	0	0%	0	0%	0	0%
2	13	12	92%	1	8%	0	0%	0	0%	0	0%
3	17	17	100%	0	0%	0	0%	0	0%	0	0%
4	25	24	96%	1	4%	0	0%	0	0%	0	0%
5	13	12	92%	1	8%	0	0%	0	0%	0	0%
6	18	18	100%	0	4%	0	0%	0	0%	0	0%
7	26	24	92%	2	8%	0	0%	0	0%	0	0%
8	24	21	88%	3	12%	0	0%	0	0%	0	0%
9	9	9	100%	0	5%	0	0%	0	0%	0	0%
10	10	10	100%	0	8%	0	0%	0	0%	0	0%
11	14	14	100%	0	5%	0	0%	0	0%	0	0%
12	17	17	100%	0	0%	0	0%	0	0%	0	0%
TOTAL	198	190	96%	8	4%	0	0%	0	0%	0	0%

3.2 Activity Review Results by Maintenance Family

The numeric ratings for BMP effectiveness organized by Family are presented in Table 3-3. A summary of the rating results for the Families includes the following:

- All of the 198 Family activities (100%) received a 1 or 2 Rating.
- None of the Family activities received a 3, 4 or 5 Rating.

**Table 3-3: Compliance Review Activity Ratings Summary By Family
FY2015-2016**

Numeric Rating Summary											
Maintenance Family	No. of Activities Reviewed	Appropriate & Effective BMPs		Appropriate BMPs, Not 100% Effective		Appropriate BMPs Not Implemented					
						No Release		Release Outside of Caltrans ROW		Release to Surface Water	
		1 Rating	2 Rating	3 Rating	4 Rating	5 Rating					
A Family - Flexible Pavement	5	4	80%	1	20%	0	0%	0	0%	0	0%
B Family - Rigid Pavement	0	0	100%	0	0%	0	0%	0	0%	0	0%
C Family - Slope/Drain/Vegetation	84	80	95%	4	5%	0	0%	0	0%	0	0%
D Family - Litter/Debris/Graffiti	27	27	100%	0	0%	0	0%	0	0%	0	0%
E Family - Landscaping	33	31	94%	2	6%	0	0%	0	0%	0	0%
F Family - Environmental	6	5	83%	1	17%	0	0%	0	0%	0	0%
G Family - Public Facilities	0	0	100%	0	0%	0	0%	0	0%	0	0%
H Family - Bridges	6	6	100%	0	0%	0	0%	0	0%	0	0%
J Family - Other Structures	2	2	0%	0	0%	0	0%	0	0%	0	0%
K Family - Electrical	9	9	100%	0	0%	0	0%	0	0%	0	0%
M Family - Traffic Guidance	19	19	100%	0	0%	0	0%	0	0%	0	0%
R Family - Snow and Ice Removal	1	1	100%	0	0%	0	0%	0	0%	0	0%
S Family - Storm Maintenance	3	3	100%	0	0%	0	0%	0	0%	0	0%
T Family - Management and Support ¹	3	3	100%	0	0%	0	0%	0	0%	0	0%
TOTAL	198	190	96%	8	4%	0	0%	0	0%	0	0%

4. Maintenance Activity Compliance Review Assessments

This section summarizes the overall BMP implementation and effectiveness observed during the reporting period. Overall, BMP implementation statewide complied with the SWMP.

4.1 A Family – Flexible Pavement

Flexible Pavement maintenance activities consist of asphalt cement crack and joint grinding/sealing, asphalt paving, structural pavement failure (digouts), pavement grinding/paving, emergency pothole repair, and sealing operations.

Flexible Pavement maintenance activity evaluations were conducted in Districts 1, 5, 6, and 9. The BMPs at all 5 flexible pavement work sites (100%) were received a 1 or 2 Rating.

4.2 B Family – Rigid Pavement

Rigid Pavement maintenance activities consist of Portland cement crack and joint sealing, mudjacking and drilling, and concrete slab/spall repair.

No Rigid Pavement maintenance activity evaluations were conducted for FY 2015-2016.

4.3 C Family – Slope/Drain/Vegetation

Slope/Drain/Vegetation maintenance activities consist of shoulder grading, nonlandscape chemical vegetation control, nonlandscape mechanical vegetation control/mowing, nonlandscape tree/shrub pruning, brush chipping, tree/shrub removal, fence repair, drainage ditch and channel maintenance, drain and culvert maintenance, and curb/sidewalk repair.

Slope/Drain/Vegetation maintenance activity evaluations were conducted in all the Districts. The BMPs at all 84 work sites (100%) were received a 1 or 2 Rating.

4.4 D Family – Litter/Debris/Graffiti

Litter/Debris/Graffiti maintenance activities consist of sweeping operations, litter/debris removal, emergency response and cleanup practices, and graffiti removal.

Litter/Debris/Graffiti maintenance activity evaluations were conducted in Districts 4, 6, 7, 8, 10, 11, and 12. The BMPs at all 27 work sites (100%) were received a 1 Rating.

4.5 E Family – Landscaping

Landscaping maintenance activities consist of chemical vegetation control, manual vegetation control, landscape mechanical vegetation control/mowing, landscape tree/shrub pruning, brush chipping, tree/shrub removal, irrigation line repair, and irrigation.

Landscaping maintenance activity evaluations were conducted in Districts 2, 3, 4, 5, 6, 7, 8, 11, and 12. The BMPs at all 33 landscape related work sites (100%) received a 1 or 2 Rating.

4.6 F Family – Environmental

Environmental maintenance activities consist of storm drain stenciling, roadside slope inspection, roadside stabilization, stormwater treatment devices and, traction sand trap devices.

Environmental maintenance activity evaluations were conducted in Districts 1, 3, and 7. The BMPs at all 6 work sites (100%) received a 1 or 2 Rating.

4.7 G Family – Public Facilities

Public Facility maintenance activities consist of custodial responsibilities at restrooms, fountains, and picnic areas, as well as, the maintenance of appurtenances such as roadway surfacing, signs, pavement markings, buildings, landscaping, and electrical installations.

No Public Facility maintenance activity evaluations were conducted in FY 2015-2016.

4.8 H Family – Bridges

Bridge maintenance activities consist of welding and grinding, sandblasting, wet-blast (sand injection) and hydroblasting, painting, bridge repairs, and draw bridge maintenance.

Bridge maintenance activity evaluations were conducted in Districts 2, 4, 5, and 12. The BMPs at all 6 bridge work sites (100%) received a 1 Rating.

4.9 J Family – Other Structures

Other Structure maintenance activities consist of pump station cleaning, tube/tunnel maintenance and repair, ferryboat operations, tow truck operations and toll booth lane scrubbing operations.

Other Structures maintenance activity evaluations were conducted in Districts 3 and 4. The BMPs at both other structures work sites (100%) received a 1 Rating.

4.10 K Family – Electrical

Electrical maintenance consists of saw cutting for detector loops.

Electrical maintenance activity evaluations were conducted in Districts 3, 4, 5, 7, 10, 11, and 12. The BMPs at all 9 work sites (100%) received a 1 Rating.

4.11 M Family – Traffic Guidance

Traffic Guidance maintenance activities consist of thermoplastic stripping/marketing, paint stripping/marketing, raised/recessed pavement marker application/removal, sign repair/maintenance, median barrier and guard rail repair, and emergency energy attenuator repair.

Traffic Guidance maintenance activity evaluations were conducted statewide except in Districts 9 and 11. The BMPs at all 19 work sites (100%) received a 1 Rating.

4.12 R Family – Snow and Ice Removal

Snow and Ice Removal maintenance activities consist of snow removal and ice control.

Snow and Ice Removal maintenance activity evaluations were conducted in District 9. The BMPs at the single work site (100%) received a 1 Rating.

4.13 S Family – Storm Maintenance

Storm Maintenance activities consist of minor slides and slipouts cleanup and repair.

Storm maintenance activity evaluations were conducted in Districts 2 and 6. The BMPs at all 3 storm maintenance work sites (100%) received a 1 Rating.

4.14 T Family – Management and Support

Management and Support includes the maintenance activities at permanent maintenance facilities including Building and Grounds Maintenance and protection of Outdoor Storage of Raw Materials from

the effects of rain and wind. The BMPs of Building and Grounds Maintenance and Outdoor Storage of Raw Materials are normally associated with maintenance facilities. However, crews were actively placing BMPs; therefore, conducting a maintenance activity.

Building and Grounds Maintenance and protection of Outdoor Storage of Raw Materials activity evaluations were conducted in Districts 1, 9, and 11. The BMPs at all 3 work sites (100%) received a 1 Rating.

5. Summary of Compliance Assistance

This section summarizes the compliance assistance requested by the DMSWCs or other Department Storm Water Coordinators. Expert water pollution control assistance was provided by a third party from July 1, 2015 through June 30, 2016 through Statewide Contracts to conduct the maintenance evaluations, support maintenance training and update maintenance stormwater plans. No assistance was provided for maintenance activities during this reporting period.

Attachment A: Maintenance Activity Compliance Review Rating Guidelines and Procedures

Maintenance Activity Compliance Review Rating Guidelines and Procedures

The numeric rating criteria are as follows:

- 1 Rating** **No release observed. Appropriate BMPs implemented and effective.**
No deficiencies noted. All of the following conditions must be met for a Rating 1:
No release to surface water or outside the Caltrans' right-of-way.
Appropriate BMPs are properly implemented for this activity and are 100% effective (i.e. installed and maintained so as to be functional).
- 2 Rating** **No release observed. Appropriate BMPs implemented but are less than 100% effective.**
All of the following conditions must be met for a Rating 2:
No release to surface water or outside the Caltrans' right-of-way.
Appropriate BMPs are implemented for this activity; however, they are less than 100% effective.
- The BMPs that require repair or maintenance are documented and discussed with the Maintenance Supervisor or representative.
- 3 Rating** **No release observed. Appropriate BMPs not implemented.**
All of the following conditions must be met for a Rating 3:
No release to surface water or outside the Caltrans' right-of-way.
Appropriate BMPs have not been implemented for this activity.
- This requires immediate corrective action.
- 4 Rating** **Release (observed or evidence of a recent release) of an unauthorized substance from an activity to outside the Caltrans' right-of-way.**
Release outside the Caltrans' right-of-way.
- This condition requires immediate corrective action and initiation of the Maintenance ERP Level 2.
- 5 Rating** **Discharge (observed or evidence of a recent discharge) of an unauthorized substance from an activity to surface water.**
Discharge to surface water.
- This condition requires immediate corrective action and initiation of the Maintenance ERP Level 2.
 - Report discharge on an Incident Report form.

Attachment B: Caltrans Maintenance Activity Site Stormwater Compliance Review Report

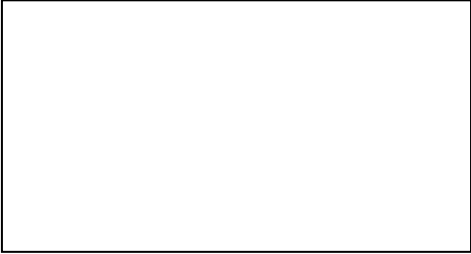
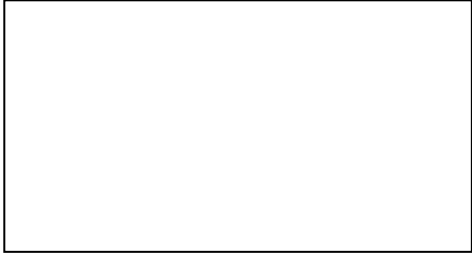
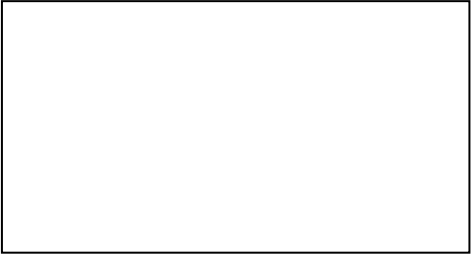
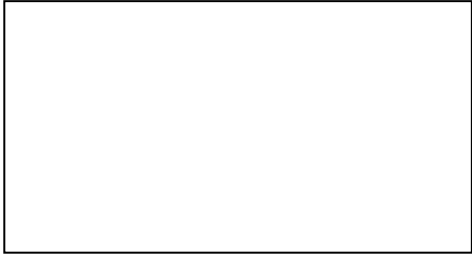
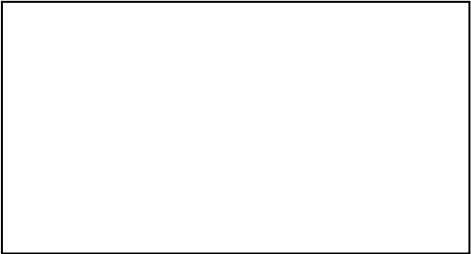
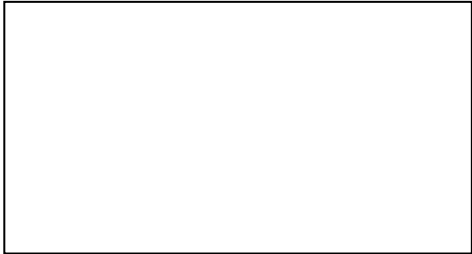
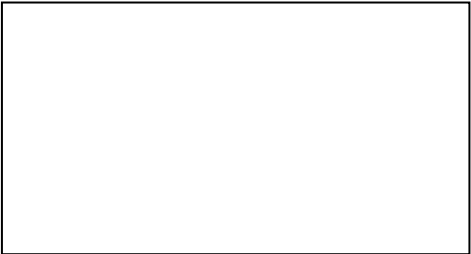
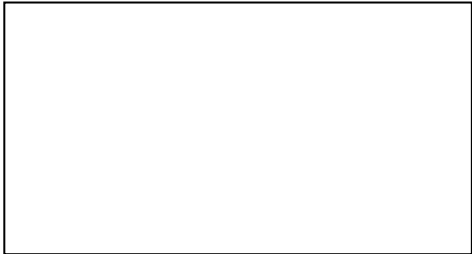
STORMWATER COMPLIANCE REPORT

ATTACHMENT A to AMOCR: MAINTENANCE ACTIVITY SITE REPORT

		<input type="checkbox"/> NOT REPORTABLE <small>(Not Reportable = Rating 1, 2, 3 or 4)</small>	<input type="checkbox"/> REPORTABLE <small>(Reportable = Rating 5)</small>
IQA Evaluation Date:	District:	Cost Center:	
Maintenance Family:	Maintenance Activity:		
County:	Route:	Post Mile:	Direction:
WORK LOCATIONS: <input type="checkbox"/> Paved Shoulder <input type="checkbox"/> Median <input type="checkbox"/> (other)_____ <input type="checkbox"/> Traffic Lanes <input type="checkbox"/> Roadside			
<input type="checkbox"/> Precipitation <input type="checkbox"/> Chance of precipitation 50 percent or greater within 48 hours of forecast date?			
Attendees:			
INDIVIDUAL BMP FIELD COMPLIANCE RATING (numeric rating)		CORRECTIVE ACTIONS REQUIRED (☒ if applicable)	
Activity Specific BMPs.....		<input type="checkbox"/> Additional BMP training required (Based on response to the interview questions (See p. 3)) <input type="checkbox"/> Additional BMP training required (Rating 4 – 5) <input type="checkbox"/> Verbal notification of discharge required (Rating 4 – 5) <input type="checkbox"/> ERP Level 2 required (Rating 4 – 5) <input type="checkbox"/> IC/ID Notification required [MTCE 07] (Rating 4 – 5) <input type="checkbox"/> Incident Report required (Rating 5)	
General BMPs			
Scheduling and Planning.....			
Spill Prevention and Control.....			
Sanitary/Septic Waste Management.....			
Material Use.....			
Vehicle/Equipment Cleaning, Fueling and Maintenance.....			
Illegal Connection Detection, Reporting and Removal.....			
Illicit Spill Discharge Control.....			
Maintenance Facility Housekeeping Practices.....			
Pollutant Release or Discharge.....			
FINAL RATING.....			
<i>I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.</i>			
BMP Corrective Action Completed (see photos): <input type="checkbox"/> Yes <input type="checkbox"/> No		Date review completed:	
Third party reviewer (print and sign name):			
For Office Use Only Route to: <input type="checkbox"/> District _____ <input type="checkbox"/> DEA-SWP _____ Data Management: <input type="checkbox"/> IC/ID <input type="checkbox"/> Corrective Action Performance Report <input type="checkbox"/> ERP			

STORMWATER COMPLIANCE REPORT

ATTACHMENT A to AMOCRPs: MAINTENANCE ACTIVITY SITE REPORT

	
<p>Photo 1 -</p>	<p>Photo 2 -</p>
	
<p>Photo 3 -</p>	<p>Photo 4 -</p>
	
<p>Photo 5 -</p>	<p>Photo 6 -</p>
	
<p>Photo 7 -</p>	<p>Photo 8 -</p>

If you need additional pages for photographs, copy this page and attach to report.

STORMWATER COMPLIANCE REPORT

ATTACHMENT A to AMOGRP: MAINTENANCE ACTIVITY SITE REPORT

GUIDE TO MAINTENANCE ACTIVITY SITE REPORT

This report serves to document effectiveness of the BMPs, deficiencies and the corrective action taken to correct the deficiencies.

After the initial questions are asked (i.e. name, supervisor name, unit number, etc.), the following questions should be asked and actions taken:

1. What is the Activity that you are working on here today?
2. What is the location of the nearest water body?
3. What Best Management Practices (BMPs) have been considered for this Activity?
4. Is there any type of Spill Kit onsite? If the answer is “none”, ask “What action would you take if a spill occurred at your activity site today?”
5. What will you do if you find IC/ID during the course of work today?
6. Perform a walk-through of the job site to observe whether or not appropriate BMPs are in place.
7. Take photos of effective BMPs, deficient BMPs, or areas where BMPs are needed but not in place.

LINE INSTRUCTIONS FOR REPORT

1. Complete the basic facility information on p. 1 before the field review.
2. Obtain forecasted precipitation information from the National Weather Service Forecast Office website, <http://www.weather.gov/>
3. For Rating 4 and 5, refer to the Caltrans statewide map with facility locations and surface water.
4. Use p. 4 during the review to help in your activity site findings.
5. The Final Rating is the most deficient Individual BMP Field Compliance Rating (e.g., Rating 2B is more deficient than Rating 1A).
6. Record the Not Reportable/Reportable evaluation based on the highest numerical Individual BMP Field Compliance Rating,

AFTER YOU ARE FINISHED

1. For Ratings 1 – 3, upload the completed form to the database within 2 days.
2. For Ratings 4 and 5, immediately call DMSWC, HQMSC and DEA-SWP.
3. Upload the completed form to the database within 24 hours.

GETTING HELP

Review the AMOGRP for instructions on independent quality assurance evaluation.

Contact the Department of Environmental Analysis-Stormwater Program or the Headquarters Maintenance Stormwater Coordinator for technical support and questions.

STORMWATER COMPLIANCE REPORT

ATTACHMENT A to AMOCR: MAINTENANCE ACTIVITY SITE REPORT

Rating	NA	Photo #	Corrective Action Completed (date)	BMPs
GENERAL BMPs				
				Scheduling and Planning
				Spill Prevention and Control
				Sanitary/Septic Waste Management
				Material Use
				Vehicle/Equipment Cleaning, Fueling and Maintenance
				Illegal Connection Detection, Reporting and Removal
				Illicit Spill Discharge Control
				Maintenance Facility Housekeeping Practices
ACTIVITY-SPECIFIC BMPs (add activity-specific BMPs as necessary)				
POLLUTANT RELEASE OR DISCHARGE (observed or evidence of a recent release or discharge)				
				Release outside Caltrans right-of-way
				Discharge to surface water

Attachment C: Maintenance Activity Review Database Summary (FY2015-2016)

Date of Inspection	Maint Facility Name	Facility Type	District	Address	Cty/Route/PM	Responsible Maintenance Unit (Cost Center)	Summary of Findings	Rating	Corective Action Required	Corrective Action Date
7/7/15	C Family	1	7	N/A	LA-2-16.13 SB (WB)	624	N/A	1	no	N/A
7/7/15	E Family	1	7	N/A	LA-2-15.60 SB (WB)	614	N/A	1	no	N/A
7/8/15	M Family	1	7	N/A	LA-5-68.0 NB	630	N/A	1	no	N/A
7/9/15	C Family	1	7	N/A	LA-5-23.6 NB	613	N/A	1	no	N/A
7/9/15	E Family	1	7	N/A	LA-5-23.5 NB	615	N/A	1	no	N/A
7/9/15	E Family	1	7	N/A	LA-134-11.60 EB	619	N/A	1	no	N/A
7/9/15	K Family	1	7	N/A	LA-210-32.875 EB	753	N/A	1	no	N/A
7/20/15	C Family	1	10	N/A	SJ-99-20.6 NB	682	N/A	1	no	N/A
7/20/15	C Family	1	10	N/A	SJ-205-6.5 NB	676	N/A	1	no	N/A
7/20/15	K Family	1	10	N/A	SJ-99-6.65 SB	642	N/A	1	no	N/A
7/21/15	C Family	1	10	N/A	SJ-580-6.2 EB/SB	674	N/A	1	no	N/A
7/21/15	C Family	1	10	N/A	MER-33-22.0 NB	692	N/A	1	no	N/A
7/21/15	D Family	1	10	N/A	SJ-5-26.5 NB	674	N/A	1	no	N/A
7/21/15	M Family	1	10	N/A	SJ-5-27.5 NB	691	N/A	1	no	N/A
7/27/15	C Family	1	12	N/A	ORA-73-21 SB	633	N/A	1	no	N/A
7/27/15	M Family	1	12	N/A	ORA-5-13.1 SB	657	N/A	1	no	N/A
7/27/15	C Family	1	12	N/A	ORA-5-12.8 SB	685	N/A	1	no	N/A
7/27/15	E Family	1	12	N/A	ORA-1-4.0 SB	621	N/A	1	no	N/A
7/28/15	E Family	1	12	N/A	ORA-1-20.5 NB	627	N/A	1	no	N/A
7/28/15	C Family	1	12	N/A	ORA-405-3.2 SB	625	N/A	1	no	N/A
7/29/15	H Family	1	12	N/A	ORA-241-18.57 SB	648	N/A	1	no	N/A
7/29/15	E Family	1	12	N/A	ORA-241-20.0 SB	635	N/A	1	no	N/A
8/11/15	E Family	1	6	N/A	FRE-168-9.5 WB	657	N/A	1	no	N/A
8/12/15	C Family	1	6	N/A	FRE-99-14.5 SB	676	N/A	1	no	N/A
8/12/15	E Family	1	6	N/A	KIN-198-20.5 EB	641	N/A	1	no	N/A
8/12/15	C Family	1	6	N/A	KIN-198-4.76 EB	641	N/A	1	no	N/A
8/13/15	D Family	1	6	N/A	FRE-99-4.08 NB	653	N/A	1	no	N/A
8/13/15	D Family	1	6	N/A	TUL-99-51.8 SB	631	N/A	1	no	N/A
8/13/15	C Family	1	6	N/A	TUL-198-20.0 EB	634	N/A	1	no	N/A
8/13/15	E Family	1	6	N/A	TUL-198-9.5 EB	657	N/A	1	no	N/A
8/13/15	E Family	1	6	N/A	TUL-198-9.9 EB	632	N/A	1	no	N/A
8/19/15	C Family	1	4	N/A	ALA-880-4.2 NB	716	N/A	1	no	N/A
8/19/15	C Family	1	4	N/A	ALA-880-4.25 NB	712	N/A	1	no	N/A
8/18/15	C Family	1	4	N/A	SCL-880-9.8 NB	693	N/A	1	no	N/A
8/17/15	D Family	1	4	N/A	CC-4-23.1 WB	704	N/A	1	no	N/A
8/17/15	D Family	1	4	N/A	CC-4-23.1 WB	704	N/A	1	no	N/A
8/17/15	D Family	1	4	N/A	CC-80-7.5 WB	693	N/A	1	no	N/A
8/17/15	E Family	1	4	N/A	CC-680-6.5 SB	649	N/A	1	no	N/A
8/19/15	E Family	1	4	N/A	SCL-17-12.3 NB	663	Additional Training Needed	2	yes	
8/31/15	C Family	1	8	N/A	RIV-10-11.8 EB	715	N/A	1	no	N/A
9/1/15	C Family	1	8	N/A	SBD-15-30.0 NB	611	N/A	1	no	N/A
9/2/15	C Family	1	8	N/A	SBD-10-7.3 WB	753	N/A	1	no	N/A
9/1/15	C Family	1	8	N/A	SBD-395-29.5 SB	614	Maintenacne Facility Housekeeping	2	no	N/A
9/2/15	C Family	1	8	N/A	RIV-60-9.55 WB	724	N/A	1	no	N/A

Date of Inspection	Maint Facility Name	Facility Type	District	Address	Cty/Route/PM	Responsible Maintenance Unit (Cost Center)	Summary of Findings	Rating	Corective Action Required	Corrective Action Date
9/2/15	D Family	1	8	N/A	RIV-60-13.77 EB	723	N/A	1	no	N/A
9/2/15	M Family	1	8	N/A	RIV-60-2.22 WB	661	N/A	1	no	N/A
9/21/15	C Family	1	3	N/A	PLA-80-38.5 WB	721	N/A	1	no	N/A
9/26/15	C Family	1	3	N/A	ED-50-23 EB	633	N/A	1	no	N/A
9/21/15	C Family	1	3	N/A	PLA-80-59.9 EB	722	N/A	1	no	N/A
9/24/15	E Family	1	3	N/A	SAC-50-14.496 WB	625	N/A	1	no	N/A
9/23/15	K Family	1	3	N/A	SAC-51-3.19 NB	646	N/A	1	no	N/A
9/21/15	M Family	1	3	N/A	PLA-80-38.5 WB	721	N/A	1	no	N/A
9/21/15	M Family	1	3	N/A	PLA-80-59.9 WB	721	N/A	1	no	N/A
9/28/15	A Family	1	5	N/A	SLO-46-.18 WB	634	Maintenance Facility Housekeeping	2	yes	9/29/2015
9/28/15	C Family	1	5	N/A	SLO-46-31.3 WB	637	N/A	1	no	N/A
9/28/15	C Family	1	5	N/A	SLO-1-20.89 NB	641	N/A	1	no	N/A
9/29/15	C Family	1	5	N/A	SLO-58-3.25 EB	635	N/A	1	no	N/A
9/28/15	E Family	1	5	N/A	SLO-101-18 SB	645	N/A	1	no	N/A
9/28/15	E Family	1	5	N/A	SLO-101-18 SB	645	N/A	1	no	N/A
9/28/15	H Family	1	5	N/A	SLO-101-25-SB	663	N/A	1	no	N/A
9/28/15	K Family	1	5	N/A	SLO-101-25-SB	1287	N/A	1	no	N/A
9/29/15	M Family	1	5	N/A	SLO-58-3.25 EB	664	N/A	1	no	N/A
10/1/15	M Family	1	5	N/A	SLO-101-63.5 SB	642	N/A	1	no	N/A
10/6/15	C Family	1	4	N/A	SM-1-20.4 SB	744	N/A	1	no	N/A
10/8/15	C Family	1	4	N/A	NAP-29-5.5 SB	615	Additional Training Needed	1	yes	5/5/2016
10/8/15	C Family	1	4	N/A	SOL-80-40 WB	643	N/A	1	no	N/A
10/5/15	D Family	1	4	N/A	SM-280-4.0-NB	751	N/A	1	no	N/A
10/8/15	J Family	1	4	N/A	NAP-29-14.0 NB	637	N/A	1	no	N/A
10/6/15	K Family	1	4	N/A	SM-1-33.361 NB	842	Additional Training Needed	1	yes	5/5/2016
10/8/15	M Family	1	4	N/A	SOL-80-17.20 EB	764	N/A	1	no	N/A
10/12/15	C Family	1	7	N/A	LA-110-29.9 SB	615	N/A	1	no	N/A
10/12/15	D Family	1	7	N/A	LA-101-3.8 NB	683	N/A	1	no	N/A
10/12/15	D Family	1	7	N/A	LA-101-2.9 NB	684	N/A	1	no	N/A
10/12/15	D Family	1	7	N/A	LA-134-12.7 WB	619	N/A	1	no	N/A
10/14/15	C Family	1	7	N/A	LA-60-11.2 EB	2004	N/A	1	no	N/A
10/14/15	C Family	1	7	N/A	LA-60-13.1 EB	672	N/A	1	no	N/A
10/14/15	E Family	1	7	N/A	LA-605-10.4 SB	644	N/A	1	no	N/A
10/14/15	D Family	1	7	N/A	LA-5-21.4 NB	613	N/A	1	no	N/A
10/14/15	E Family	1	7	N/A	LA-605-58 NB	643	N/A	1	no	N/A
10/14/15	E Family	1	7	N/A	LA-60-14.1 WB	658	N/A	1	no	N/A
10/20/15	C Family	1	9	N/A	MNO-158-16 EB	632	N/A	1	no	N/A
10/21/15	C Family	1	9	N/A	MNO-6-9.0 NB	622	N/A	1	no	N/A
10/22/15	C Family	1	9	N/A	INY-395-74.0 SB	621	N/A	1	no	N/A
10/21/15	C Family	1	9	N/A	INY-168-22.0 EB	621	N/A	1	no	N/A
10/22/15	C Family	1	9	N/A	MNO-266-2.2 SB	621	N/A	1	no	N/A
10/20/15	R Family	1	9	N/A	MNO-395-33.0 NB	631	N/A	1	no	N/A
10/19/15	T Family	1	9	N/A	MNO-395-63.6 NB	634	N/A	1	no	N/A
10/26/15	C Family	1	8	N/A	RIV-60-14.42 EB	2350	N/A	1	no	N/A

Date of Inspection	Maint Facility Name	Facility Type	District	Address	Cty/Route/PM	Responsible Maintenance Unit (Cost Center)	Summary of Findings	Rating	Corective Action Required	Corrective Action Date
10/27/15	C Family	1	8	N/A	SBD-15-131.31 SB	2344	N/A	1	no	N/A
10/28/15	C Family	1	8	N/A	SBD-40-1.4 WB	2358	N/A	1	no	N/A
10/26/15	C Family	1	8	N/A	RIV-215-39.90 NB	2391	N/A	1	no	N/A
10/26/15	D Family	1	8	N/A	SBD-10-22.3 EB/WB	732	N/A	1	no	N/A
10/26/15	D Family	1	8	N/A	SBD-60-1.0 EB	7395	N/A	1	no	N/A
11/2/15	C Family	1	3	N/A	BUT-70-13.5 NB	716	N/A	1	no	N/A
11/3/15	C Family	1	3	N/A	SAC-50-5.2 EB	625	N/A	1	no	N/A
11/4/15	C Family	1	3	N/A	NEV-89-17.6 EB	541	N/A	1	no	N/A
11/3/15	C Family	1	3	N/A	SAC-80-15 WB	625	N/A	1	no	N/A
11/4/15	C Family	1	3	N/A	PLA-80-17.8 EB	721	N/A	1	no	N/A
11/5/15	E Family	1	3	N/A	SAC-80-16 WB	626	N/A	1	no	N/A
11/3/15	F Family	1	3	N/A	SAC-50-16.8 EB	616	N/A	1	no	N/A
11/5/15	J Family	1	3	N/A	SAC-51-5.1 SB	646	N/A	1	no	N/A
11/3/15	M Family	1	3	N/A	SAC-99-21.9 NB	627	N/A	1	no	N/A
11/4/15	M Family	1	3	N/A	PLA-80-17.4 EB	742	N/A	1	no	N/A
11/2/15	C Family	1	11	N/A	SD-8-2.1 EB	743	N/A	1	no	N/A
11/3/15	C Family	1	11	N/A	SD-8-44 EB	621	N/A	1	no	N/A
11/4/15	C Family	1	11	N/A	SD-5-10.245 SB	737	N/A	1	no	N/A
11/5/15	C Family	1	11	N/A	IMP-8-15.3 EB/WB	631	N/A	1	no	N/A
11/2/15	C Family	1	11	N/A	SD-805-23.5 NB	718	N/A	1	no	N/A
11/4/15	C Family	1	11	N/A	SD-163-3.6 NB	2914	N/A	1	no	N/A
11/2/15	E Family	1	11	N/A	SD-805-20.5 NB	718	N/A	1	no	N/A
11/2/15	K Family	1	11	N/A	SD-8-4.0 EB	643	N/A	1	no	N/A
11/17/15	A Family	1	1	N/A	MEN-253-7 NB	683	N/A	1	no	N/A
11/17/15	C Family	1	1	N/A	MEN-253-5.97 SB	683	N/A	1	no	N/A
11/18/15	C Family	1	1	N/A	LAK-29-17.7 NB	689	N/A	1	no	N/A
11/17/15	C Family	1	1	N/A	MEN-253-6.71 EB	683	N/A	1	no	N/A
11/16/15	F Family	1	1	N/A	LAK-29-49.21 NB	689	N/A	1	no	N/A
11/18/15	F Family	1	1	N/A	LAK-29-23.7 NB	689	N/A	1	no	N/A
11/18/15	F Family	1	1	N/A	LAK-29-9.8 SB	689	N/A	1	no	N/A
11/16/15	C Family	1	12	N/A	ORA-73-22.6 SB	685	N/A	1	no	N/A
11/18/15	C Family	1	12	N/A	ORA-5-7.5 SB	644	N/A	1	no	N/A
11/16/15	C Family	1	12	N/A	ORA-1-5.0 NB	626	N/A	1	no	N/A
11/18/15	D Family	1	12	N/A	ORA-73-22.1 SB	633	N/A	1	no	N/A
11/18/15	E Family	1	12	N/A	ORA-73-10.7 SB	634	N/A	1	no	N/A
11/18/15	E Family	1	12	N/A	ORA-57-12.351 NB	672	N/A	1	no	N/A
11/16/15	K Family	1	12	N/A	ORA-55-4.4 NB	3088	N/A	1	no	N/A
11/16/15	M Family	1	12	N/A	ORA-73-26.44 NB	657	N/A	1	no	N/A
11/16/15	M Family	1	12	N/A	ORA-73-11.7 SB	642	N/A	1	no	N/A
12/2/15	C Family	1	2	N/A	TEH-36-28.0 EB	693	N/A	1	no	N/A
12/2/15	C Family	1	2	N/A	SHA-299-22.3 WB	631	Additional Training Needed	2	yes	1/4/2016
11/30/15	E Family	1	2	N/A	SHA-44-1.0 WB	696	N/A	1	no	N/A
11/30/15	M Family	1	2	N/A	SHA-5-6.9 SB	692	N/A	1	no	N/A
12/1/15	S Family	1	2	N/A	SIS-89-42.0 SB	638	N/A	1	no	N/A
12/1/15	H Family	1	2 (59)	N/A	SIS-89-21.09 SB	322	N/A	1	no	N/A

Date of Inspection	Maint Facility Name	Facility Type	District	Address	Cty/Route/PM	Responsible Maintenance Unit (Cost Center)	Summary of Findings	Rating	Corective Action Required	Corrective Action Date
12/2/15	D Family	1	7	N/A	LA-605-19.8 NB	651	N/A	1	no	N/A
12/2/15	D Family	1	7	N/A	LA-605-18.01 SB	2004	N/A	1	no	N/A
12/2/15	D Family	1	7	N/A	LA-605-18.0 NB	658	N/A	1	no	N/A
12/1/15	E Family	1	7	N/A	LA-110-7.3 NB	709	N/A	1	no	N/A
12/2/15	F Family	1	7	N/A	LA-605-18.5 NB	640	Activity Specific	2	yes	12/2/2015
11/30/15	E Family	1	7	N/A	LA-210-18.6 WB	618	N/A	1	no	N/A
11/30/15	E Family	1	7	N/A	LA-210-17.38 EB	618	N/A	2	no	N/A
12/15/15	D Family	1	4	N/A	SOL-80-30.9 WB	643	N/A	1	no	N/A
12/14/15	D Family	1	4	N/A	SON-101-12.3 SB	624	N/A	1	no	N/A
12/15/15	D Family	1	4	N/A	SOL-37-10.7 WB	638	N/A	1	no	N/A
12/16/15	E Family	1	4	N/A	CC-24-7.3 EB	699	N/A	1	no	N/A
12/17/15	E Family	1	4	N/A	ALA-680-3.1 SB	649	N/A	1	no	N/A
12/17/15	K Family	1	4	N/A	CC-680-2.8 NB	1139	N/A	1	no	N/A
12/14/15	M Family	1	4	N/A	SON-101-16.6 SB	764	N/A	1	no	N/A
12/15/15	M Family	1	4	N/A	SOL-80-30.9 WB	764	N/A	1	no	N/A
12/14/15	C Family	1	8	N/A	SBD-60-8.5 EB	2395	N/A	1	no	N/A
12/15/15	C Family	1	8	N/A	RIV-91-15.65 EB	2387	N/A	1	no	N/A
12/14/15	C Family	1	8	N/A	RIV-15-47.3 NB	751	N/A	1	no	N/A
12/14/15	C Family	1	8	N/A	RIV-15-48.2 NB	2344	N/A	1	no	N/A
12/14/15	C Family	1	8	N/A	SBD-10-14.0 WB	731	N/A	1	no	N/A
12/14/15	E Family	1	8	N/A	SBD-60-4.65 EB	2395	N/A	1	no	N/A
12/14/15	E Family	1	8	N/A	RIV-15-45.6 SB	752	N/A	1	no	N/A
1/13/16	C Family	1	6	N/A	TUL-99-52.0 NB	1610	N/A	1	no	N/A
1/13/16	C Family	1	6	N/A	TUL-99-5.4 NB	1607	N/A	1	no	N/A
1/12/16	D Family	1	6	N/A	FRE-180-64.5 EB	1625	N/A	1	no	N/A
1/11/16	E Family	1	6	N/A	FRE-99-17.5 NB	653	N/A	1	no	N/A
1/12/16	M Family	1	6	N/A	FRE-180-84.0 EB	1634	N/A	1	no	N/A
1/12/16	S Family	1	6	N/A	TUL-180-121.0 EB	636	N/A	1	no	N/A
2/8/16	E Family	1	11	N/A	SD-94-12.3 EB	2873	N/A	1	no	N/A
2/8/16	C Family	1	11	N/A	SD-94-26.3 EB	2892	N/A	1	no	N/A
2/9/16	D Family	1	11	N/A	SD-8-39.2 EB	651	N/A	1	no	N/A
2/10/16	D Family	1	11	N/A	SD-5-32.0 NB	2897	N/A	1	no	N/A
2/11/16	T Family	1	11	7181 Opportunity Road, San Diego, CA	N/A	4823	N/A	1	no	N/A
2/11/16	C Family	1	11	N/A	SD-5-22.0 SB	2914	N/A	1	no	N/A
2/23/16	C Family	1	1	N/A	HUM-299-25.0 EB	0057	N/A	1	no	N/A
2/23/26	T Family	1	1	N/A	HUM-299-34.1 EB	4681	N/A	1	no	N/A
2/24/16	F Family	1	1	N/A	HUM-101-132.33 SB	0056	N/A	1	no	N/A
2/25/16	C Family	1	1	N/A	DN-197-5.0 SB	0061	N/A	1	no	N/A
2/25/16	M Family	1	1	N/A	DN-199-9.0 NB	0061	N/A	1	no	N/A
3/8/16	D Family	1	8	N/A	SBD-40-53 EB	2358	N/A	1	no	N/A
3/8/16	C Family	1	8	N/A	SBD-40-105 EB	2362	Spill Prevention and Control	2	Training Only	N/A
3/10/16	D Family	1	8	N/A	SBD-40-25.5 EB	2358	N/A	1	no	N/A
3/10/16	C Family	1	8	N/A	SBD-15-40.52 EB	2346	Spill Prevention and Control	2	no	N/A
3/16/16	C Family	1	5	N/A	MON-1-57.0 SB	1257	N/A	1	no	N/A

