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San Diego County Regional  
Airport Authority

Fiscal Year 2015-2016  
Municipal Stormwater Permit  
Annual Report

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# SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

## INTER-OFFICE COMMUNICATION

**Date:** June 27, 2003

**To:** Thella F. Bowens  
President/CEO

**From:** Ted Sexton  
Vice President, Operations

**Subject:** Authorization to Sign National Pollutant Discharge Elimination System (NPDES) Documents

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NPDES Permits (including General NPDES Permits) require submission of various reports and certifications, which must be prepared and signed by a principal executive office or duly authorized representative. A person is a duly authorized representative if: (1) the authorization is made in writing by the executive officer and (2) a copy of the authorization is retained as part of the permit records for each facility. The authorized representative must be the individual or position having overall responsibility for environmental matters.

This is to request your approval, evidenced by your signature below, authorizing the Director of Environmental Affairs for the Authority to serve as the duly authorized representative for purposes of executing all documents related to the NPDES Permit requirements.

A handwritten signature in black ink, appearing to read "Thella F. Bowens".

Thella F. Bowens  
President/CEO  
San Diego County Regional Airport Authority

30 June '03  
Date

**Cc:** Paul Manasjan, Director, Environmental Affairs  
Zane Gresham, Morris & Foerster



SAN DIEGO  
INTERNATIONAL  
AIRPORT



**JURISDICTIONAL RUNOFF MANAGEMENT PROGRAM  
ANNUAL REPORT FORM**

FY 2015-2016

<b>I. COPERMITTEE INFORMATION</b>		
Copermittee Name:	San Diego County Regional Airport Authority	
Copermittee Primary Contact Name:	Richard Gilb	
Copermittee Primary Contact Information:		
Address: PO Box 82776		
City: San Diego	County: San Diego	State: CA Zip: 92138
Telephone: (619) 400-2790	Fax: (619)-400-2784	Email: rgilb@san.org
<b>II. LEGAL AUTHORITY</b>		
Has the Copermittee established adequate legal authority within its jurisdiction to control pollutant discharges into and from its MS4 that complies with Order No. R9-2013-0001?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
A Principal Executive Officer, Ranking Elected Official, or Duly Authorized Representative has certified that the Copermittee obtained and maintains adequate legal authority?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
<b>III. JURISDICTIONAL RUNOFF MANAGEMENT PROGRAM DOCUMENT UPDATE</b>		
Was an update of the jurisdictional runoff management program document required or recommended by the San Diego Water Board?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
If YES to the question above, did the Copermittee update its jurisdictional runoff management program document and make it available on the Regional Clearinghouse?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
<b>IV. ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM</b>		
Has the Copermittee implemented a program to actively detect and eliminate illicit discharges and connections to its MS4 that complies with Order No. R9-2013-0001?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Number of non-storm water discharges reported by the public	0	
Number of non-storm water discharges detected by Copermittee staff or contractors	4	
Number of non-storm water discharges investigated by the Copermittee	4	
Number of sources of non-storm water discharges identified	4	
Number of non-storm water discharges eliminated	4	
Number of sources of illicit discharges or connections identified	1	
Number of illicit discharges or connections eliminated	1	
Number of enforcement actions issued	1	
Number of escalated enforcement actions issued	0	
<b>V. DEVELOPMENT PLANNING PROGRAM</b>		
Has the Copermittee implemented a development planning program that complies with Order No. R9-2013-0001?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Was an update to the BMP Design Manual required or recommended by the San Diego Water Board?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
If YES to the question above, did the Copermittee update its BMP Design Manual and make it available on the Regional Clearinghouse?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Number of proposed development projects in review	7	
Number of Priority Development Projects in review	4	
Number of Priority Development Projects approved	3	
Number of approved Priority Development Projects exempt from any BMP requirements	0	
Number of approved Priority Development Projects allowed alternative compliance	0	
Number of Priority Development Projects granted occupancy	2	
Number of completed Priority Development Projects in inventory	19	
Number of high priority Priority Development Project structural BMP inspections	19	
Number of Priority Development Project structural BMP violations	0	
Number of enforcement actions issued	0	
Number of escalated enforcement actions issued	0	

FY 2015-2016

**VI. CONSTRUCTION MANAGEMENT PROGRAM**

Has the Copermittee implemented a construction management program that complies with Order No. R9-2013-0001? YES  NO

Number of construction sites in inventory	12
Number of active construction sites in inventory	4
Number of inactive construction sites in inventory	0
Number of construction sites closed/completed during reporting period	8
Number of construction site inspections	198
Number of construction site violations	2
Number of enforcement actions issued	2
Number of escalated enforcement actions issued	0

**VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM**

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001? YES  NO

	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	44	6	33	0
Number of existing development inspections	44	6	30	0
Number of follow-up inspections	0	0	0	0
Number of violations	25	14	60	0
Number of enforcement actions issued	25	14	60	0
Number of escalated enforcement actions issued	0	0	0	0

**VIII. PUBLIC EDUCATION AND PARTICIPATION**

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001? YES  NO

Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001? YES  NO

**IX. FISCAL ANALYSIS**

Has the Copermittee attached to this form a summary of its fiscal analysis that complies with Order No. R9-2013-0001? YES  NO

**X. CERTIFICATION**

I  Principal Executive Officer  Ranking Elected Official  Duly Authorized Representative certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



BRENDAN REED  
Print Name

(619) 400-2785  
Telephone Number

October 28, 2016  
Date

Director of Environmental Affairs  
Title

breed@san.org  
Email

## **San Diego County Regional Airport Authority - Expanded FY15-16 Jurisdictional Runoff Management Program Annual Report**

### **I. Introduction**

The San Diego County Regional Airport Authority (Authority) submits the fiscal-year 2015-2016 (FY15-16) Jurisdictional Runoff Management Program Annual Report in compliance with California Regional Water Quality Control Board, San Diego Region (San Diego Water Board), Order No. R9-2013-0001, as amended by Order No. R9-2015-0001, National Pollutant Discharge Elimination System (NPDES) Permit No. CAS0109266, the NPDES Permit and Waste Discharge Requirements for Discharges from the Municipal Separate Storm Sewer Systems (MS4s) Draining the Watersheds within the San Diego Region (Municipal Permit). The FY15-16 Annual Report describes all the stormwater management activities conducted by the Authority between July 1, 2015 and June 30, 2016 to ensure compliance with the Municipal Permit.

This expanded Jurisdictional Runoff Monitoring Program Annual Report for FY15-16 is intended to supplement the 2-page Annual Report Form found in Municipal Permit Attachment D, which was submitted as part of the first Water Quality Improvement Plan (WQIP) Annual Report. This Expanded Annual Report provides the background to the information provided on the Annual Report Form. Except for this Introduction, the Expanded Annual Report provides information in a manner that follows the Roman numeral subject headings of the Annual Report Form. Although the Expanded Annual Report provides background to the information provided on the Annual Report Form, it does not provide a full accounting of the Authority's jurisdictional runoff management program. Instead, the WQIP AR describes the strategies implemented and progress towards goals during fiscal year (FY) 16.

All activities at San Diego International Airport (SDIA), including development planning, review, and approval, are subject to the Authority Storm Water Management Plan (SWMP) and are required to implement or ensure the implementation of the best management practices (BMPs) described therein relative to those activities.

The Authority has owned and operated SDIA since January 1, 2003. SDIA is located on approximately 660 acres adjacent to San Diego Bay, north of downtown San Diego, in San Diego County. The entire jurisdictional area of the Authority, namely, SDIA, discharges into San Diego Bay through 15 storm drain outfalls. Airport operations include two main airline terminals, one main runway area, taxiways, fueling facilities, and ancillary support facilities.

As stated in Section 8 of the SWMP, there are no residential land uses or activity areas within the Authority's jurisdiction. For this reason and consistent with previous Annual Reports, the FY15-16 Expanded Annual Report contains no discussion of activities conducted by the Authority relative to existing residential development.

Finally, the summary of the Authority's fiscal analysis that is required by the Municipal Permit to be an attachment to the Annual Report Form is included herein and can be found in Section IX Fiscal Analysis.

## II. Legal Authority

<b>Has the Copermittee established adequate legal authority within its jurisdiction to control pollutant discharges into and from its MS4 that complies with Order No. R9-2013-0001?</b>	<b>Yes</b>
<b>A Principal Executive Officer, Ranking Elected Official, or Duly Authorized Representative has certified that the Copermittee obtained and maintains adequate legal authority?</b>	<b>Yes</b>

The Authority has established adequate legal authority within our jurisdiction to control pollutant discharges into and from the MS4 that complies with Order No. R9-2013-0001 as amended by Order No. R9-2015-0001. The legal authority is more fully described in Section 2.2 of the updated SWMP. The legal authority and required certification has been submitted as part of the first WQIP Annual Report, as required by Provision E.1.b of the MS4 permit.

### III. Jurisdictional Runoff Program Management Update

<b>Was an update of the jurisdictional runoff management program document required or recommended by the San Diego Water Board?</b>	<b>Yes</b>
<b>If YES to the question above, did the Copermittee update its jurisdictional runoff management program document and make it available on the Regional Clearinghouse?</b>	<b>Yes</b>

In accordance with Provision F.2.a of Order No. R9-2013-0001, the Authority updated our jurisdictional runoff management program document in February and May 2016. These amendments included incorporation of the BMP Design Manual to replace the SUSMP in Appendix C of the SWMP and updates in Sections 4, 7 and 12, Appendix B, Appendix D-1, and tenant summary sheets and maps in Appendix E, to reflect the SWPPP updates performed for compliance with the Industrial General Permit. Updates to the BMP Design Manual were required under Provision E.3.d of the Municipal Permit, following adoption of the Model BMP Design Manual developed by the Copermittees, as described in Section V of this document. A link to this document has been posted on the Project Clean Water website, which serves as the Regional Clearinghouse (<http://www.projectcleanwater.org>).

#### IV. Illicit Discharge Detection and Elimination Program

<b>Has the Copermittee implemented a program to actively detect and eliminate illicit discharges and connection to its MS4 that complies with Order No. R9-2013-0001</b>	<b>YES</b>
<b>Number of non-storm water discharges reported by the public</b>	<b>0</b>
<b>Number of non-storm water discharges detected by Copermittee staff or contractors</b>	<b>4</b>
<b>Number of non-storm water discharges investigated by the Copermittees</b>	<b>4</b>
<b>Number of sources of non-storm water discharges identified</b>	<b>4</b>
<b>Number of non-storm water discharges eliminated</b>	<b>4</b>
<b>Number of sources of illicit discharges or connections identified</b>	<b>1</b>
<b>Number of illicit discharges or connections eliminated</b>	<b>1</b>
<b>Number of enforcement actions issued</b>	<b>1</b>
<b>Number of escalated enforcement actions issued</b>	<b>0</b>

The Authority continues to exercise and promote the mechanisms available to staff, tenants, and the general public described in Section 3 of the SWMP for reporting complaints or concerns regarding unauthorized stormwater discharges and illicit connections. There are four primary mechanisms available for reporting complaints or concerns:

- ) the Airside Operations Department 24-hour telephone line (619-400-2710);
- ) the Environmental Affairs Department main telephone line (619-400-2782);
- ) the Project Clean Water regional hotline (888-846-0800), webpage ([http://www.projectcleanwater.org/html/wurmp\\_san\\_diego\\_bay.html](http://www.projectcleanwater.org/html/wurmp_san_diego_bay.html)), and email address ([watersheds@sdcounty.ca.gov](mailto:watersheds@sdcounty.ca.gov)) operated by the County of San Diego; and
- ) the THINKBLUE Hotline ((619)235-1000) and webpage (<http://www.sandiego.gov/thinkblue/>) operated by the City of San Diego.

In order to ensure the health and safety of the nearly 18 million members of the traveling public that pass through SDIA annually, the airport facilities are under constant visual and electronic surveillance by several different Authority Departments, including Airside Operations, Landside Operations, and Airport Security and Public Safety. The constant surveillance at SDIA includes the routine daily inspections of the airport terminals, runways, and airside operations by the Airside Operations Supervisors. These inspections are a major element of the IDDE program since any environmental issues are reported to the Environmental Affairs Department.

The Environmental Affairs Department conducts visual observations of non-stormwater discharges, the above-ground portions of the MS4 and BMP implementation every month across the entire facility, year-round. Additionally, inspections are conducted during sampled rain events. One of the goals of all of these inspections is to identify unauthorized stormwater and non-stormwater discharges. The Dry Weather Monitoring Program conducted by the Environmental Affairs Department is specifically designed to identify, characterize and eliminate unauthorized non-stormwater discharges, twice a year, in accordance with Municipal Permit requirements. And finally, the Environmental Affairs Department conducts unscheduled, as-needed (“ad hoc”) inspections of the airport throughout the year.

Taken as a whole, the hotline, surveillance, and inspection activities represent the site-wide elements of the IDDE Program at SDIA. The information in Table 1 highlights the types and dates and/or frequencies for each program element of the IDDE Program conducted by the Environmental Affairs Department during the reporting period.

**Table 1 - IDDE MS4 Inspection and Monitoring Conducted During FY15-16**

<b>Inspection Element</b>	<b>Dates</b>
"Hotline" – public reporting	Year-round
Monthly Authorized/Unauthorized Non-Stormwater Discharge Monitoring	07/28,30/2015 08/24-27/2015 09/23-25,28/2015 10/14-16,19-23,26-29/2015 11/12-13,18-20/2015 12/16-18/2015 01/11,22,28/2016 02/24,26/2016 03/18,23,25/2016 04/22,27/2016 05/23,25,27/2016 06/24,29/2016
Wet Weather Visual Observations (during sampled rain events)	10/04/2015, 11/03/2015, 11/09/2015, 11/15/2015, 11/25/2015, 12/11/2015, 12/13/2015, 01/04/2016, 01/31/2016, 03/06/2016, 03/11/2016.
Dry Weather Monitoring (2016 Dry Weather Season)	05/11/2016 06/17/2016
Ad-hoc (unscheduled, as-needed inspections)	08/06/2015, 12/02/2015, 01/04/2016, 03/06/2016, + Year-round observations

Table 2 presents information on the 5 IDDE events which were identified and resolved during the reporting period. As shown in Table 2, there was one IDDE event identified by the Dry Weather Monitoring Program during FY15-16. The Monthly Wet Weather Visual Observations did not record any new issues, only those that had already been identified and were being addressed during monthly or ad-hoc inspections.

Each event identified in Table 2 was resolved with the single response or enforcement action noted in the table and there was no need to escalate enforcement.

**Table 2 – IDDE Events during FY15-16**

<b>Source of IDDE Information</b>	<b>Date</b>	<b>Activity Type</b>	<b>Compliance Issue</b>	<b>Resolution method</b>
Dry Weather Inspection	5/11/2016	SC01: Non-Storm Water Management	Unauthorized Non-stormwater Discharge - Ponding found from ASIG vehicle washrack overspray.	Educated ASIG employees about overspray.
AirOps Log	4/22/2016	SR01: Spill Prevention, Control, and Clean Up	Illicit Discharge - Approximately 3 gallon fuel spill at the Terminal 1, west gate area. Estimated .5 gallon penetrated storm drain.	Airport maintenance responded with spill trailer. Spill response contractor notified and responded to clean drain. Confirmed by AirOps Log.
AirOps Log	10/5/2015	SC01: Non-Storm Water Management	Unauthorized Non-stormwater Discharge - discharge at the Terminal 2, gate area. Potable water hose ruptured.	Authority Contractor notified to respond. Confirmed by AirOps Log.
AirOps Log	10/5/2015	SC01: Non-Storm Water Management	Unauthorized Non-stormwater Discharge - discharge at west end of airfield. Water tank overflowing.	Maintenance plumber responded. Authority Contractor and Facilities Management notified. Confirmed by AirOps Log.

Source of IDDE Information	Date	Activity Type	Compliance Issue	Resolution method
AirOps Log	9/26/2015	SC01: Non-Storm Water Management	Unauthorized Non-stormwater Discharge – discharge at Terminal 2, East gate area. Water leak.	Facilities Management notified to respond. Confirmed by AirOps Log.

## V. Development Planning Program

<b>Has the Copermittee implemented a development planning program that complies with Order No. R9-2013-0001</b>	<b>YES</b>
<b>Was an update to the BMP Design Manual required or recommended by the San Diego Water Board?</b>	<b>YES</b>
<b>If YES to the question above, did the Copermittee update its BMP Design Manual and make it available on the Regional Clearinghouse?</b>	<b>YES</b>
<b>Number of proposed development projects in review</b>	<b>7</b>
<b>Number of Priority Development Projects in review</b>	<b>4</b>
<b>Number of Priority Development Projects approved</b>	<b>3</b>
<b>Number of approved Priority Development Projects exempt from any BMP requirements</b>	<b>0</b>
<b>Number of approved Priority Development Projects allowed alternative compliance</b>	<b>0</b>
<b>Number of Priority Development Projects granted occupancy</b>	<b>2</b>
<b>Number of completed Priority Development in inventory</b>	<b>19</b>
<b>Number of high priority Priority Development Projects structural BMP inspections</b>	<b>19</b>
<b>Number of Priority Development Projects structural BMP violations</b>	<b>0</b>
<b>Number of enforcement actions issued</b>	<b>0</b>
<b>Number of escalated enforcement actions issued</b>	<b>0</b>

The Authority has implemented policies, principles, programs, and practices that ensure land-use development, planning, environmental review, and project approval decisions consistently apply effective water quality and watershed protection measures to avoid, minimize, and mitigate the short and long-term impacts of land development activities on runoff and receiving water quality. The Authority's environmental review and approval processes for both land use development and specific improvements is described in Section 4 of the SWMP.

All development projects proposed at SDIA during FY15-16 were required to go through the Authority's development review and approval process and to meet any applicable or imposed project requirements and conditions. The review and approval process ensured that all applicable Standard Urban Stormwater Mitigation Plan (SUSMP) or BMP Design Manual BMP requirements were indeed applied to all applicable development projects. All proposed development projects within the Authority's jurisdiction are deemed exempt from hydromodification requirements. The Environmental Affairs Department verified that required post-construction BMPs for all Priority Development Projects were in-place prior to occupancy.

In June of 2015, the San Diego County Copermittees developed a Model BMP Design Manual for the San Diego Region to conform to new development requirements of Order No. R9-2013-0001. The Model BMP Design Manual replaced the SUSMP. The Model BMP Design Manual renews, modifies or replaces the procedures outlined in the Model SUSMP document for planning, selecting and designing on site structural BMPs for new development and significant redevelopment projects. In accordance with Provision E.3 of Order No. R9-2013-0001, the Authority's own BMP Design Manual was issued in February 2016 and updated in May 2016.

During FY15-16, there were 7 development projects reviewed. The Authority's development project review process determined that four (4) of these 7 projects were subject to the Authority's SUSMP or BMP Design Manual requirements, namely the RCC Bus Parking Facility, the Taxi Hold Lot, the Terminal 2 Parking Plaza, and the Palm Street Observation Area. None of these projects had exemptions to the Authority's SUSMP or BMP Design Manual requirements.

Only 5 of the 7 development projects reviewed began construction during the reporting period, namely the RCC Bus Parking Facility, North side Photovoltaic - Economy Lot, Taxi Hold Lot, Palm Street Observation Area, and NTC Parking Lot 12kV Modifications. All 7 projects were Authority improvement projects.

Table 3 provides information on those development projects under review during FY15-16, including: the project name and number; and which of those projects were found to be subject to either SUSMP or BMP Design Manual requirements; which were a Priority Development Project or Standard Project; what exceptions were they subject to; and the construction status of each during FY15-16.

**Table 3 - Development Projects Reviewed during FY15-16**

#	Project Name and Number	SUSMP or BMP Design Manual Required? <sup>1</sup>	PDP or Standard Project? <sup>1</sup>	Alternative Compliance or other Exceptions?	Disturbing more than 50 acres	Construction Status during FY15-16
1	RCC Bus Parking Facility 104181	Yes	PDP	No	No	Completed
2	North side Photovoltaic - Economy Lot 601020	No	Standard	No	No	Under Construction
3	Taxi Hold Lot 104190	Yes	PDP	No	No	Completed
4	Palm Street Observation Area 104212	Yes	PDP	No	No	Under Construction
5	NTC Parking Lot 12kV Modifications 104187-02	No	Standard	No	No	Under Construction
6	T2 Parking Lot 12kV Modifications 104187-03	No	Standard	No	No	Not Begun
7	Terminal 2 Parking Plaza 104187	Yes	PDP	No	No	Not Begun

## Notes:

1. BMP Design Manual requirements and designation of non-PDP projects as "Standard" projects only came into effect in February 2016. Prior to that, the SUSMP was in effect. Where projects were reviewed prior to the BMP Design Manual taking effect, the designation of "Standard" has been given to those projects in this table that were not identified as PDPs under the SUSMP, in order to simplify the table.

In addition to verifying that structural treatment control BMPs are properly installed prior to occupancy, the Authority maintains an inventory of structural BMPs installed to date and annually inspects the BMPs on the inventory for proper functionality and maintenance. The inventory must indicate the watershed in which the project is located – all these projects (and the entire jurisdictional boundary of the Authority) lie in the Pueblo San Diego hydrologic unit, San Diego Mesa hydrologic area, Lindbergh hydrologic subarea (908.21). Table 4 presents the details of the Authority's structural treatment control BMP inventory at the end of FY15-16. Table 4 lists each development project found to be subject to SUSMP or BMP Design Manual requirements, the BMPs proposed for each, the verification date for the installation of those BMPs, and the dates of the annual inspection, along with an indication of any functional or maintenance issues identified during inspection.

**Table 4 - Inventory of SUSMP or BMP Design Manual-Required Structural Treatment Control BMPs, including Dates of Inspection during FY15-16**

#	Project Name & Brief Description	BMP Design Manual BMPs Required per Project Approval	Date Installation Verified	Date of Annual Inspection/ Issues Identified
1	EMAS Project 103057 Installation of an Engineered Materials Arrest System at West End of the Runway	Approximately 50% of pervious site surface (gravel)  2 Storm Drain Inlet Filters	Nov 2006	6/23/2016: Maintenance required
2	Landmark Aviation Parking Lot/Gate Project 104095/016-045-5978 Convert 14,000 square feet of building foundation to parking lot	Initially in Dec 2009: approximately 3% of pervious site surface (landscaping)+ 1 Infiltration Trench  2014/15: Infiltration Trench and landscaping removed. FBO moved to new facilities (see FBO Campus Development Project 016-003-11043).	Dec 2009	Site removed from inventory in 2015
3	Vehicle Service Road 104111 Reconstruct 5,200 linear feet of the perimeter service road on the north side of the runway	11 High-rate media filters (BioClean Grate Inlet Skimmer Box) in combination with self-retaining areas.	NA	No inspection required, no TCBMPs installed
4	South Side Interim Parking 104125 Construct Public Parking Lot	Infiltration through 4 permeable asphalt strips that total 1,500 feet of length that is 3 ft wide, 3.5 in thick over 9-in of asphalt treated permeable base, on 36-in of granular drain material with an 8-in. perforated pipe underdrain draining to the conveyance system and through 1 high-rate media filter system (Contech StormFilter).	June 2012	6/23/2016: Maintenance required
5	CRDC 104119 Construct Central Receiving and Distribution Center for materials and goods delivered to and from the terminals	Approx 12% of pervious site surface (0.08 acres landscaping + 0.11 acres pervious pavement)  7 High-rate media filters (4 Bio Clean Grate Inlet Skimmer Boxes and 3 Bio Clean Trench Drain Filters) + 1 catch basin box inside vegetated area	Nov 2012	6/17/2016: Maintenance required

#	Project Name & Brief Description	BMP Design Manual BMPs Required per Project Approval	Date Installation Verified	Date of Annual Inspection/ Issues Identified
6	Washington Street Access Improvements 104124 Realign street intersection	1 Bio Clean Round Curb Inlet Skimmer Box. 2 <sup>nd</sup> box at on-ramp of Pacific Hwy in City of San Diego jurisdiction	April 2013	6/16/2016: Maintenance required
7	Rehabilitate Lot 8 104127 Reconstruct Public Parking Lot	1 hydrodynamic separator system	March 2013	6/23/2016: Maintenance required
8	Relocate Parking Lot 6 104145 Construct Employee Parking Lot	Infiltration through 4 permeable asphalt strips that total 1,700 feet of length that is 3 ft wide, 3.5 in thick over 9-in of asphalt treated permeable base, on 36-in of granular drain material with an 8-in. perforated pipe underdrain draining to the conveyance system and through 1 hydrodynamic separator system	March 2013	6/23/2016: Maintenance required
9	Green Build – Contract 1 - (airside) 201201 Terminal 2 West airside improvements and ancillary support facilities	Approx 5% of pervious site surface (artificial turf) and 1 High Rate Media Filter (Contech StormFilter)	March 2013	6/23/2016: Maintenance required
10	Green Build – Contract 2 - (landside) 201401 Terminal 2 West roadway and parking lot expansion and ancillary support facilities	Approx 2.5% of pervious site surface (installation of approx 1 acre of pavers and swales) 1 Trash Rack/Hydrodynamic Device (Contech CDS Treatment System) 3 High Rate Media Filters (2 Contech StormFilters, 1 OldCastle/Kristar perkfilter)	August 2013	6/17/2016: Maintenance required
11	Washington Street Parking Lot (SANPark II) 104146 Construct Public Parking Lot	12 Modular Wetland Systems and 1 Detention Basin (for flow control – not a SUSMP BMP)	June 2014	6/17/2016: Maintenance required

#	Project Name & Brief Description	BMP Design Manual BMPs Required per Project Approval	Date Installation Verified	Date of Annual Inspection/ Issues Identified
12	FBO-Landmark Aviation 016-003-11043 New Fixed Based Operator facility and ramp area	8 infiltration basins below permeable surfaces and asphalt strips, 5 bioswales, and 1 High Rate Media Filter (Contech StormFilter)	July 2014	6/17/2016: No issues
13	North Side Interior Road 104135	11 High Rate Media Filters (ClearWater BMP Filters)	March 2016	6/23/2016: Maintenance required
14	Relocate Cell Phone Lot 104174	1 Clearwater Inlet BMP, 4 curb sidewalk inlets, pervious pavement	August 2014	6/23/2016: No issues
15	Terminal Link Road 104134	7 Clearwater Solutions BMP Units and 1 BioClean Inlet Skimmer Box	February 2016	6/17 & 23/2016: Maintenance required
16	Rental Car Center 104151	6 Bioretention Basins	February 2016	6/17/2016: No issues
17	Federal Express Sort Facility 012-1-100-14015	1 Clearwater Inlet BMP	February 2016	6/17/2016: No Issues
18	Construct FBO Taxiway 104128/Northside Bypass Taxiway 104176	1 Contech Jellyfish filter	February 2016	6/23/2016: No issues
19	Construct RCC Bus Parking Facility 104181	7 Clearwater BMPs, 1 underground detention basin (in taxi hold lot), and 2 Modular Wetland Systems	March 2016	6/23/2016: No Issues
20	Employee Parking Lot 6 Expansion 104185	4 permeable pavement/stone reservoir beds each approximately 20,000 SF and 3 Clearwater Inlet BMPs	March 2016	6/23/2016: No issues

#	Project Name & Brief Description	BMP Design Manual BMPs Required per Project Approval	Date Installation Verified	Date of Annual Inspection/ Issues Identified
21	Construct Taxi Hold Lot 104190	1 Clearwater Solutions BMP unit (BMP 01), 1 modified infiltration trench (13ft wide x 145 ft long), and 1 reservoir bed/permeable pavement	June 2016	6/23/2016: No Issues

The development project approval process, the structural BMP installation verification process, and the treatment control inspection activities conducted by the Authority during FY15-16 did not identify any violations, and therefore, no enforcement actions were initiated during the reporting period. However, maintenance is required at several TCBMPs, as indicated in the table above.

## VI. Construction Management Program

<b>Has the Copermittee implemented a construction management program that complies with Order No. R9-2013-0001</b>	<b>YES</b>
<b>Number of Construction sites in inventory</b>	<b>12</b>
<b>Number of active construction sites in inventory</b>	<b>4</b>
<b>Number of inactive construction sites in inventory</b>	<b>0</b>
<b>Number of construction sites closed/completed during reporting period</b>	<b>8</b>
<b>Number of construction site inspections</b>	<b>198</b>
<b>Number of construction site violations</b>	<b>2</b>
<b>Number of enforcement actions issued</b>	<b>2</b>
<b>Number of escalated enforcement actions issued</b>	<b>0</b>

As outlined in Section 5 of the SWMP, all construction projects proposed by the Authority itself or airport tenants are required to undergo the Authority's construction approval process and meet the applicable construction site control requirements. The process leads to the identification and imposition of any required construction and post-construction BMPs. None of the construction projects reviewed and approved in FY15-16 were required to implement advanced treatment BMPs. In general, written notice of project approval and conditions is provided to the project proponent by the Facilities Development Department and the Airport Design & Construction Department. These conditions of approval typically require the project sponsor/manager/contractor/tenant to prepare a construction site-specific stormwater pollution prevention plan (SWPPP). The SWPPP is reviewed and approved in writing by the Environmental Affairs Department. Smaller projects may be required to prepare an abbreviated SWPPP outlining specific BMPs identified by the Authority and approved in writing by the Environmental Affairs Department. Small projects that are determined by the Environmental Affairs Department to have no anticipated impact to the environment are still required to implement BMPs as identified by the Authority.

The intake process for project review applications also generates information that is used by the Facilities Development Department and Airport Design & Construction Department to populate a database for construction projects – including an indication of the project description, location, purpose, and actual project start and end dates. The Environmental Affairs Department accesses the database to create and maintain a continuously updated inventory of construction projects.

The Environmental Affairs Department inspects all construction sites to monitor compliance with the Authority's ordinances, approvals, and permits, including the Municipal Permit and the Construction General Permit (if applicable). It is the Authority's goal to inspect all construction sites, whether high, or low priority, on a weekly basis for proper BMP maintenance. While staffing and work-load issues often impact attainment of these goals, the Authority maintains a construction site inspection frequency that, at a minimum, complies with the Municipal Permit. Finally, all construction project inspections were conducted in a manner that ensured all the required steps were taken to maintain full compliance with the SWMP and the Municipal Permit.

Table 5 presents both the inventory and inspection history for construction projects underway at SDIA during the FY15-16 reporting period. There were 12 construction projects that required the implementation of storm water management controls. All other construction activities at SDIA during

the reporting period were conducted either entirely indoors or without elements that required the implementation of BMPs. The Authority initiated 11 of these projects, and an airport tenant initiated 1 other. The Authority determined that 7 of these projects were high priority sites, and 5 were low priority sites in accordance with the Municipal Permit.

Table 5 presents the project name/project number, the project sponsor, a brief description of the project, the water-quality threat priority, indication of the project’s status (start date, end date, as applicable, which is generally comparable to a monthly inventory), and the dates that inspections were conducted. There were a total of 198 construction site inspections conducted during FY15-16: 61 inspections were completed during the dry season and 137 inspections were completed during the wet season.

**Table 5 - Construction Project Inventory and Inspection History during FY15-16**

	<b>Project Name and Number</b>	<b>Sponsor</b>	<b>Project Description</b>	<b>Priority</b>	<b>Status During FY15-16</b>	<b>Inspection Dates - Dry Season</b>	<b>Inspection Dates - Wet Season</b>
1	Rental Car Center 104151	Authority	Provide earth moving activities and minor demo work. Build multi-level parking garage.	High	Started September 2013 and completed February 2016	07/01/15, 07/07/15, 07/22/15, 07/28/15, 08/04/15, 08/18/15, 08/25/15, 09/02/15, 09/08/15, 09/15/15, 09/23/15, 09/30/15.	10/15/15, 10/21/15, 10/28/15, 11/05/15, 11/11/15, 11/19/15, 12/02/15, 12/09/15, 12/18/15, 12/23/15, 01/08/16, 01/13/16, 01/22/16, 01/27/16, 02/03/16, 02/10/16.

	<b>Project Name and Number</b>	<b>Sponsor</b>	<b>Project Description</b>	<b>Priority</b>	<b>Status During FY15-16</b>	<b>Inspection Dates - Dry Season</b>	<b>Inspection Dates - Wet Season</b>
2	Fixed Base Operation - Taxiway 104128	Authority	Construct 400 ft. of new cross taxiway to connect the new FBO site to Taxiway C.	High	Started February 2014 and completed February 2016	07/01/15, 07/07/15, 07/21/15, 07/30/15, 07/29/15, 08/04/15, 08/18/15, 08/27/15, 09/02/15, 09/22/15, 09/30/15.	10/07/15, 10/20/15, 10/27/15, 11/05/15, 11/10/15, 11/17/15, 11/25/15, 12/02/15, 12/09/15, 12/18/15, 01/12/16, 01/21/16, 01/27/16, 02/10/16.
3	Terminal Link Road 104134	Authority	Construction of new roadway and repurposing existing roadway to link the RCC to both airport terminals (Terminal 1, Terminal 2).	High	Started October 2014 and completed February 2016	07/21/15, 07/31/15, 08/10/15, 08/17/15, 08/24/15, 08/31/15, 09/14/15, 09/21/15, 09/29/15.	10/05/15, 10/19/15, 10/27/15, 11/02/15, 11/09/15, 11/16/15, 11/23/15, 11/30/15, 12/07/15, 12/14/15, 12/21/15.

	<b>Project Name and Number</b>	<b>Sponsor</b>	<b>Project Description</b>	<b>Priority</b>	<b>Status During FY15-16</b>	<b>Inspection Dates - Dry Season</b>	<b>Inspection Dates - Wet Season</b>
4	NSU Storm Drain Trunk 104118E/ 104135	Authority	Construction of a gravity storm drain, stormwater pump station, storm drain force main, connection to 60 inch storm drain, and repairs to the existing Vehicle Service Road.	High	Started March 2015 and completed March 2016	07/08/15, 07/23/15, 07/30/15, 08/05/15, 08/12/15, 08/19/15, 08/27/15, 09/02/15, 09/09/15, 09/23/15.	10/14/15, 10/21/15, 10/29/15, 11/05/15, 11/11/15, 11/19/15, 11/25/15, 12/02/15, 12/09/15, 12/23/15, 01/07/16, 01/13/16, 01/20/16, 01/27/16, 02/03/16, 02/11/16, 02/17/16, 02/24/16, 03/02/16, 03/17/16.
5	RCC Bus Parking Facility 104181	Authority	Construct 20 bus parking and 52 employee parking spaces and a 3,600 square foot Driver Break Building. Driver Break Building will be shared with Taxi Hold/Shuttle Van Lot. In addition, project includes grading, dry and wet utility service installation, surface pavement improvements, landscaping and a storm drainage detention facility.	High	Started July 2015 and completed March 2016	08/05/15, 08/13/15, 08/27/15, 09/03/15, 09/24/15	10/02/15, 10/16/15, 10/22/15, 10/29/15, 11/06/15, 11/12/15, 11/19/15, 11/24/15, 12/03/15, 12/10/15, 12/17/15, 01/15/16, 01/21/16, 02/04/16, 02/11/16, 02/25/16, 03/04/16, 03/17/16.

	<b>Project Name and Number</b>	<b>Sponsor</b>	<b>Project Description</b>	<b>Priority</b>	<b>Status During FY15-16</b>	<b>Inspection Dates - Dry Season</b>	<b>Inspection Dates - Wet Season</b>
6	North side Photovoltaic - Economy Lot 601020	Authority	Install Solar Panels	Low	Started August 2015 and continued through June 2016	08/20/15, 08/28/15, 09/04/15, 09/24/15, 09/30/15	10/14/15, 10/21/15, 10/29/15, 11/09/15, 11/18/15, 11/25/15, 12/02/15, 12/09/15, 12/16/15, 01/07/16, 01/13/16, 01/20/16.
7	Employee Parking Lot 6 Expansion 104185	Authority	Parking lot construction: includes demo, grading, paving (hot mixed asphalt and porous asphalt concrete), marking and striping, fence, access control system, lighting, security system, drainage, etc.	High	Started September 2015 and completed March 2016	09/24/15	10/02/15, 10/16/15, 10/22/15, 10/29/15, 11/06/15, 11/12/15, 11/19/15, 12/04/15, 12/10/15, 12/17/15, 01/15/16, 01/22/16, 02/04/16, 02/25/16, 03/04/16, 03/10/16, 03/17/16.

	<b>Project Name and Number</b>	<b>Sponsor</b>	<b>Project Description</b>	<b>Priority</b>	<b>Status During FY15-16</b>	<b>Inspection Dates - Dry Season</b>	<b>Inspection Dates - Wet Season</b>
8	Taxi Hold Lot 104190	Authority	This project includes the construction of approximately 183 taxi and 46 shared ride van parking positions. The project also includes ancillary control systems to enable efficient operations of the Taxi Hold Lot, grading, soil cement, subgrade and hot mix asphalt pavement, installation of light poles, fences, commercial vehicle management system equipment, security cameras, and installation of storm drain pipes, structures, and adjustment of storm water treatment reservoir beds. The area of disturbed soil for this project is approximately 4.12 acres.	High	Started January 2016 and completed June 2016	06/09/16, 06/15/16, 06/22/16.	01/26/16, 02/04/16, 02/23/16, 03/01/16, 03/14/16, 03/23/16, 04/01/16, 04/07/16, 04/13/16, 04/21/16, 04/27/16, 05/04/16, 05/09/16, 05/27/16.

	<b>Project Name and Number</b>	<b>Sponsor</b>	<b>Project Description</b>	<b>Priority</b>	<b>Status During FY15-16</b>	<b>Inspection Dates - Dry Season</b>	<b>Inspection Dates - Wet Season</b>
9	Rehab Cross Taxiway B8 and Terminal Aprons 104177	Authority	Rehabilitation of Cross Taxiway B8, Terminal 1 and Cargo Aprons -Pavement saw cutting -Milling -Asphalt & Concrete replacement -Joint repairs -Total project area is approximately 4.60 acres. However, the area of disturbed soil is approx. 0.92 acre located at the Terminal Aprons site. -Airport SWPPP implementation and Maintenance -Work inside the Airside Operations Area (AOA).	Low	Started January 2016 and completed June 2016	06/09/16.	03/18/16, 04/04/16, 04/20/16, 04/28/16, 05/03/16, 05/10/16, 05/24/16.
10	Interim Waste Storage (90-Day) Facility 104193	Authority	Procurement and installation of a pre-fabricated storage unit and a pre-fabricated raised metal platform with ramp to consolidate, store and manage hazardous waste being processed for disposal.	Low	Started January 2016 and continued through June 2016	06/24/16.	03/16/16, 04/11/16, 04/19/16, 04/29/16, 05/05/16, 05/11/16, 05/18/16, 05/26/16.

	<b>Project Name and Number</b>	<b>Sponsor</b>	<b>Project Description</b>	<b>Priority</b>	<b>Status During FY15-16</b>	<b>Inspection Dates - Dry Season</b>	<b>Inspection Dates - Wet Season</b>
11	Palm Street Observation Area 104212	Authority	Build a Public "Observation Area". Currently, soil stockpile is located awaiting project commencement.	Low	Started June 2016 and expected to continue beyond June 2016	06/14/16, 06/24/16.	
12	NTC Parking Lot 12kV Modifications 104187-02	ACE	Parking lot modifications.	Low	Started June 2016 and expected to continue beyond June 2016	06/24/16.	

In terms of inspections and violations, the inspection program is designed to evaluate whether the appropriate BMPs are being implemented and whether those BMPs are being implemented properly. The SWMP states that the construction BMPs required for use are those listed in the Authority's SWMP Section 5 and Appendix B, and in the California Stormwater Quality Association (CASQA) Best Management Practice Handbook for Construction Activity.

Each failure to implement the appropriate BMPs or to properly implement them is an issue of concern and requires corrective actions. The issues of concern identified during inspections were generally resolved through verbal and/or written communication with the construction contract site supervisor in the field at the time of inspection or at weekly progress meetings. As such, most issues of concern required no escalation of enforcement. There were, however, a total of 2 notices of violations issued during FY15-16. Those violations were remedied within 72 hours. All violations were corrected within the required deadline and further escalation of enforcement was not necessary.

## VII. Existing Development Management Program

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001?	YES			
	Municipal	Commercial	Industrial	Residential
<b>Number of facilities or areas in inventory</b>	<b>44</b>	<b>6</b>	<b>33</b>	<b>0</b>
<b>Number of existing development inspections</b>	<b>44</b>	<b>6</b>	<b>30<sup>1</sup></b>	<b>0</b>
<b>Number of follow-up inspections</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Number of violations</b>	<b>25</b>	<b>14</b>	<b>60</b>	<b>0</b>
<b>Number of enforcement actions issued</b>	<b>25</b>	<b>14</b>	<b>60</b>	<b>0</b>
<b>Number of escalated enforcement actions issued</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Notes:

- 1) 3 facilities were no longer operational at San Diego International Airport during the annual existing development inspections, namely ELS, Envoy and US Airways.

The means and methods used to ensure compliance with the requirements of the Municipal Permit for the management of existing developments are outlined in Sections 6, 7, and 8 of the SWMP. Existing developments at SDIA include municipal, commercial, and industrial activities and areas. Existing developments are required to implement those BMPs outlined in the SWMP that are relevant to their operations, including the generally applicable site-wide BMPs and pollution prevention measures. The inventory of Authority municipal activities and areas includes 44 separate elements, including: MS4 (1 element); roads (1 element); the airside operations area (1 element); the grounds/landscaping (1 element); maintenance and storage areas (2 elements); solid waste operational areas (4 elements); structural treatment control BMPs (9 elements); 11 individual buildings (11 elements); and 14 individual parking lots (14 elements).

In addition to the Authority's own municipal activities, the Authority and a number of airport tenants conduct industrial activities as defined by the Municipal Permit and the Industrial General Stormwater Permit. There are 28 tenants conducting industrial activities, plus the ARFF Facility and the Authority itself as operator of the Airport, for a total of 30 entities conducting industrial activities. There are 6 tenants conducting commercial activities at SDIA. All other airport operators are either a) subtenants to and/or operate as integral parts of the 36 industrial/ commercial tenants/facilities or b) not considered to be sources of significant pollutant loads to the storm drain system.

As stated in the Introduction to this Annual Report, and more specifically in Section 8.0 of the SWMP, there are no residential land uses or activity areas within the Authority's jurisdiction. For this reason and consistent with previous Annual Reports, the FY15-16 Annual Report contains no discussion of activities conducted by the Authority relative to the existing residential development. It should be noted, however, that both the SWMP and this Annual Report discuss issues relative to the general public under the heading of Public Education and Participation.

Table 6 presents the inventory and prioritization for existing development at SDIA as of June 30, 2016. All of these developments are considered stationary sources. There are no "mobile" sites/sources within the Authority's jurisdiction.

**Table 6 – Inventory of Existing Developments**

<b>Type of Development</b>	<b>Principal Activity</b>	<b>Facility/Element/Company Name or Description</b>	<b>Priority Level</b>
Municipal	MS4	1 element (550+ inlets and 192,000+ feet of pipe)	High
Municipal	Roads	1 element (6 miles total)	High
Municipal	Airside Operations Area	1 element (Ramp/Runway)	High
Municipal	Grounds/Landscape	1 element (18 acres)	Low
Municipal	Maintenance Storage Areas	Corporate Yard – “Bone Yard”	High
Municipal	Maintenance Storage Areas	Runway Generator Shop	High
Municipal	Solid Waste Operation	Trash and Recycling Compactor Area	High
Municipal	Solid Waste Operation	Terminal 2 East Trash Compactor	High
Municipal	Solid Waste Operation	North Ramp Airside Sweeping and Scrubbing Waste Accumulation Area	High
Municipal	Solid Waste Operation	Landscape Waste Dumpsters	High
Municipal	Structural Treatment Controls	Below Grade Box Structures	High
Municipal	Structural Treatment Controls	Drain Inserts	High
Municipal	Structural Treatment Controls	Curb Inlet Screen Covers	High
Municipal	Structural Treatment Controls	Oil-Water Separators	High
Municipal	Structural Treatment Controls	Infiltration Structures or Surfaces	High
Municipal	Structural Treatment Controls	Media Filters	High
Municipal	Structural Treatment Controls	Biofiltration	High
Municipal	Structural Treatment Controls	Hydrodynamic Separators	High
Municipal	Structural Treatment Controls	Modular Wetland Treatment Systems	High
Municipal	Building	Old Commuter Terminal	Low
Municipal	Building	Terminal 1	Low
Municipal	Building	Terminal 2	Low
Municipal	Building	West Wing (Offices)	Low
Municipal	Building	Truxton Road Offices	Low
Municipal	Building	Central Plant (HVAC and Power Plant)	Low
Municipal	Building	FMD (Offices)	Low
Municipal	Building	FMD Shops (Maintenance Shops)	Low
Municipal	Building	Procurement Office and Storage Building	Low

Type of Development	Principal Activity	Facility/Element/Company Name or Description	Priority Level
Municipal	Building	Terminal Development Project (Offices)	Low
Municipal	Building	USO / Parking Management Office	Low
Municipal	Parking Lots	14 elements (14 individual parking lots)	High
Commercial	Parking Lot Management	ACE	High
Commercial	Janitorial	Flagship	High
Commercial	Food & Beverage	High Flying Foods	Low
Commercial	Food & Beverage	HMS Host	Low
Commercial	Food & Beverage	Mission Yogurt	Low
Commercial	Food & Beverage	SSP	Low
Industrial	Passenger Carrier	Air Canada	High
Industrial	Passenger Carrier	Alaska Airlines	High
Industrial	Passenger Carrier	Allegiant	High
Industrial	Fuel Vendor	Allied Aviation Services	High
Industrial	Passenger Carrier/ Aircraft and General Services Equipment and Maintenance	American Airlines	High
Industrial	Fire Fighting	ARFF	High
Industrial	Aircraft Fueler	ASIG	High
Industrial	Cargo Handling	Bradford	High
Industrial	Passenger Carrier	British Airways	High
Industrial	Passenger Carrier	Delta Airlines	High
Industrial	Cargo Carrier	DHL Airways	High
Industrial	Maintenance (Passenger boarding bridges & baggage conveyor)	ELS	High
Industrial	Passenger Carrier	Envoy	High
Industrial	Cargo Carrier	FedEx	High
Industrial	Passenger Carrier	Frontier Airlines	High
Industrial	Passenger Carrier	Hawaiian Airlines	High
Industrial	Aircraft and General Services Equipment and Maintenance	IAS	High
Industrial	Passenger Carrier	Japan Airlines	High
Industrial	Passenger Carrier	Jet Blue Airways	High
Industrial	Corporate General Aviation/ Fixed-Base Operations/ Fuel Vendor/Aircraft Fueler	Landmark Aviation	High
Industrial	Facility Maintenance	SDCRAA (Authority)	High
Industrial	Passenger Carrier	SeaPort Airlines	High
Industrial	Jetway and Baggage Maintenance	Siemens	High
Industrial	Passenger Carrier	Sky West	High
Industrial	Passenger Carrier	Southwest Airlines	High
Industrial	Passenger Carrier	Spirit Airlines	High
Industrial	Passenger Carrier	Sun Country Airlines	High

Type of Development	Principal Activity	Facility/Element/Company Name or Description	Priority Level
Industrial	Passenger Carrier/Aircraft and General Services Equipment and Maintenance	United Airlines	High
Industrial	Cargo Carrier	UPS	High
Industrial	Passenger Carrier	US Airways	High
Industrial	Passenger Carrier	Virgin America	High
Industrial	Passenger Carrier	Volaris	High
Industrial	Passenger Carrier	WestJet	High

The Environmental Affairs Department inspects all existing developments at SDIA. There are various types of inspections, including: 1) monthly inspections of existing developments; 2) ad hoc or unscheduled, as-needed inspections; 3) observations during sampled rain events; and 4) a comprehensive annual inspection for all existing developments. All inspections are designed to confirm that site specific BMPs are properly implemented and unauthorized non-storm water discharges are eliminated. The program includes timely follow-up inspections whenever BMP deficiencies are found.

The Facilities Management Department performs or contracts for regular inspection and maintenance of the MS4 and structural controls. On an as-needed- basis, the Facilities Development Department may also perform inspections of various components of the MS4. The Environmental Affairs Department generally assists with these type of inspections. A comprehensive MS4 inspection is conducted annually during the period from May 1 through September 30, to identify areas that need cleaning or maintenance. In addition, the Authority contracts with professional services that perform inspections and cleaning of those portions of the MS4 that are known to need routine maintenance.

Table 7 presents the types and dates of regularly scheduled existing development inspections conducted by the Authority during FY15-16. Inspections of the MS4 found these municipal areas/ activities to be in general compliance with the Municipal Permit. Any MS4 maintenance requirements identified during such inspections were addressed. Similarly, the site-specific inspections associated with our 1 special event found the site to be in compliance.

**TABLE 7 - Existing Development Inspections Conducted During FY15-16**

Inspection Type	Date
MS4 Inspection – Inlets and Slit Trenches	7/13-17/2015
Site-specific Inspection – Special Event Employee Appreciation BBQ (Commuter Terminal)	9/24-26/2015
Annual Comprehensive Site Inspection All Existing Developments	10/14-16, 19-21, 23, 26-29/2015
Annual Structural Treatment Control Inspection	6/17/16 and 6/23/16

The FY15-16 annual comprehensive stormwater site inspection found that overall, the BMPs required for existing development, as listed in the SWMP, were adequate and properly implemented. The inspections found that existing developments were generally in compliance with the Municipal Permit. Table 8 presents the results of the annual comprehensive site inspection, listing the types of concerns/violations that were identified, the type of enforcement actions taken, and the dates that confirmation of compliance was achieved.

**TABLE 8 – Results of Annual Comprehensive Site Inspection Conducted During FY15-16**

Facility/Element/Company Name or Description and Development Type	Date of Inspection	Issue of Concern/Violation	Enforcement Mechanism	Date of Corrective Action
SDCRAA (Authority) (Municipal)	10/27/2015	Properly dispose of existing filter fabric and gravel bags. Replace BMPs to properly protect storm drain located in front of SouthWest Provision’s loading dock within the cargo building. Regularly inspect and maintain BMPs.	Email notification	11/6/2015 - 12/4/2015
		Accumulation of trash observed in Landmark Parking Lot.		
		Trash accumulation observed beneath equipment storage area in shuttle bus parking lot.		
		Observed uncovered materials stored outside at the commuter terminal. Cover required for outdoor material storage. Cover or remove materials.		
		Uncovered FOD container observed next to the trash compactor. Cover required for waste containers stored outside. Provide cover or remove container.		
		Observed leaking vehicle parked under Gate 13. Maintain vehicles to prevent leaks and clean stain.		
		Uncovered FOD container observed at Gate 36. Cover is required for all waste		

		containers stored outside.		
		Observed materials stored at Gate 36 without cover. Cover required for all outdoor material storage. Cover or remove materials.		
		Observed separation of aggregate in pervious pavement strips in Parking Lots 6 and 8. Maintain structural treatment control BMPs.		
		Filter fabric removed from storm drain in T1S1 Parking Lot. Replace BMP filter fabric.		
		Filter fabric needs to be replaced in all storm drains located in the valet, cargo area, and Old Commuter Terminal. Regularly inspect and maintain BMPs.		
		Observed paint and additional liquids stored outside without cover or secondary containment. Secondary containment and cover required for outdoor storage.		
		Accumulation of abandoned equipment stored outside in the shuttle parking lot. Cover required for outdoor material storage. Provide cover or remove.		
		Observed Neal Electric materials stored outside without cover and on the ground. Located behind shipping containers in the shuttle parking lot. Cover required for outdoor material storage. Cover or remove materials.		
		Observed uncovered materials stored in the generator area. Cover required for outdoor		

		<p>material storage. Provide cover for materials or remove.</p>		
		<p>Observed significant material stored outside without adequate cover or labels. Located at in the generator area. Cover required for all outdoor material storage and labels required for significant materials.</p>		
		<p>Observed used spill absorbent in the generator area. Properly dispose of all used clean-up materials.</p>		
		<p>Oil staining observed beneath equipment in generator area. Cleanup required. Fresh oil residue present around gas tank. Train staff to avoid topping off or overfilling equipment.</p>		
		<p>Materials stored in boneyard area without cover or containment. If no longer in use, materials should be recycled or disposed properly.</p>		
		<p>Rusty blue drums stored in the Boneyard. Please cover or remove.</p>		
		<p>Oil staining observed below material stored in boneyard area. Cleanup required. Material should be properly covered and contained to prevent discharge and further staining.</p>		
		<p>Provide container to collect and reuse condensate at Gate 25 to prevent condensate flowing into trash.</p>		
		<p>Uncovered equipment observed between the Procurement Building and the shuttle parking lot. Cover required for</p>		

		<p>outdoor material storage. Cover or remove materials.</p> <p>Observed an accumulation of debris behind the Procurement building. Clean and continue to inspect area.</p> <p>Rusted equipment stored outdoors near Gate 16. Please remove and dispose properly.</p>		
<b>Total Number of Municipal Violations</b>		<b>25</b>		
ACE (Commercial)	10/28/2015	<p>Oil stain observed in Cell Lot. Use dry cleaning methods to remove oil stains.</p> <p>Materials stored outside in the Shuttle Hold Lot. Cover required for all outdoor material storage. Cover or remove materials.</p> <p>Oil stains observed in Terminal 2 Parking Lot areas G3 and F3. Use dry cleaning methods to remove oil stains.</p> <p>Observed materials stored outdoors behind ACE storage building. Item was relocated during inspection to an area with cover.</p> <p>Oil stain observed in Terminal 1 Parking Lot R1. Use dry cleaning methods to remove oil stains.</p> <p>Accumulation of sediment and debris from nearby tree observed during inspection. Sweeping required.</p> <p>Oil stain observed under vehicle parked in the Supplemental Valet Parking Lot in spot 1009. Use dry cleaning methods to remove oil stains.</p>	E-mail notification or Resolved on site.	10/28/2015-11/19/2015

		Accumulation of sediment was observed in the Cell Lot. Sweeping required.		
Flagship (Commercial)	10/19/2015	Trash observed behind trash compactor area by gate 23.	E-mail notification	12/3/2015
		Cover and elevate metal wiring stored behind trash compactor area.		
		Trash observed behind berm around trash compactor area. Sweep and clean area frequently to prevent discharge into nearby storm drain.		
		Accumulation of sediment and debris was observed below stored equipment near Gate 16. Sweeping below and between stored equipment is required.		
HMS Host (Commercial)	10/23/2015	Cardboard observed outside of recycle dumpster. All waste materials should be covered and contained at all times.	E-mail notification	11/16/2015
SSP (Commercial)	10/20/2015	Pieces of plastic accumulated near access Gate11 were not properly stored within wood pallets.	Resolved on site.	10/20/2015
<b>Total Number of Commercial Violations</b>		<b>14</b>		
Allied Aviation	10/14/2015	Materials observed outside without cover. Cover required for all outdoor material storage.	E-mail notification	12/3/2015
American Airlines (Industrial)	10/22/2015	Staining observed near American Airlines electrical vehicle charging station. May be due to battery overfill. Please advise staff to avoid topping off and to use acid resistant drip pans when filling batteries.	E-mail notification or Resolved on site.	10/22/2015 -12/4/2015

		<p>Observed waste containers stored next to the maintenance shop without cover. Cover required for all waste containers stored outside. Please cover or remove containers.</p>		
		<p>Uncovered materials stored next to American Maintenance shop. Cover and containment required for outdoor material storage. Cover or remove materials.</p>		
		<p>Leak was observed at the American wash rack. Drip pans should be provided when maintenance is conducted.</p>		
		<p>Observed waste absorbent stored outside without cover. Located next to the American wash rack. Properly dispose of all used clean-up materials.</p>		
		<p>Maintenance was observed being conducted on vehicle stored next to Gate 33. Conduct maintenance in designated area. Use drip pans during maintenance and clean stain.</p>		
		<p>Leak was observed from vehicle parked next to Gate 33. Maintain vehicles in good condition to prevent leaks and clean area.</p>		
		<p>Observed absorbent for spills without cover and stored in incorrect area. Spill materials were moved to correct area with cover.</p>		
		<p>Observed uncovered materials stored next to Gate 29. Cover required for outdoor material storage. Cover or remove materials.</p>		

		Observed leaking equipment between Gates 31 and 32. Maintain equipment in good condition to prevent leaks and clean area.		
ASIG (Industrial)	10/26/2015	Large oil stain was observed during inspection. Area was cleaned using dry methods during the inspection.	E-mail notification or Resolved on site.	10/26/2015 - 12/4/2015
		Observed multiple vehicles with flat tires. Maintain vehicles in working condition.		
		Inoperable equipment observed during inspection. Scheduled date for removal is November 6, 2015. Leak observed under equipment. Clean area and provide drip pan.		
		Multiple oil stains were observed during the inspection. Maintain vehicles in good condition to prevent leaks. Provide drip pans until maintenance is conducted and clean area.		
		Observed materials stored outside without cover. Cover required for outdoor material storage. Provide cover or remove materials.		
		Fueling and/or leak stains observed near gates 20 and 21. Please address stains and maintain leaking vehicles.		
British Airways (Industrial)	10/23/2015	CAS equipment observed at Commuter Terminal. Equipment is leaking. If waiting to be serviced by GES, equipment should be covered and drip pans used to capture leaks. Request CAS and GES	E-mail notification.	10/25/2015

		work together to address this issue.		
Delta Airlines (Industrial)	10/27/2015	Used absorbent material was observed to be stored in an open container. Properly store and dispose quickly.	E-mail notification.	11/12/2015– 11/23/2015
		5-gallon containers were not properly stored within secondary containment and were not properly covered. Provide proper storage.		
DHL (Industrial)	10/26/2015	Observed uncovered materials stored outside. Cover required for outdoor material storage. Cover or remove materials.	E-mail notification.	11/11/2015
		Observed leaking equipment in DHL operating area on the North Ramp. Maintain equipment in good condition to prevent leaks and clean stains. Use drip pans under leaks until fixed.		
FedEx (Industrial)	10/16/2015	Uncovered FOD container observed during inspection. Container was removed during inspection.	E-mail notification and Resolved onsite.	10/16/2015 - 11/5/2015
		Accumulation of FOD and debris observed under the FedEx document sorter on the north ramp. Clean and continue to inspect area. Please remove trash, sweep and maintain area.		
		Uncovered materials observed next to the FedEx office. Cover required for all outdoor material storage. Provide cover or remove materials.		
		Oil stains observed in Aircraft parking area during inspection. Absorbent was applied and area was cleaned.		

		Continue to maintain equipment and check for leaks. Perform maintenance to prevent leaks.		
		Stains observed next to FedEx loader. Maintain equipment to prevent leaks and clean area.		
Frontier Airlines (Industrial)	10/19/2015	Uncovered FOD container observed at Gate 12. Cover is required for all outdoor waste containers. Provide solid cover or remove container.	E-mail notification.	12/3/2015
Hawaiian Airlines (Industrial)	10/20/2015	Observed fresh oily stains from APS equipment next to Gate 51. Maintain vehicles to prevent leaks and clean stains.	E-mail notification.	12/3/2015
		Observed leaking equipment stored in RON area. Maintain equipment to prevent leaks and clean stains.		
		Observed uncovered radiator stored in RON area. Cover is required for all outdoor material storage. Cover or remove equipment.		
Integrated Airline Services (Industrial)	10/26/2015	Observed oil stains in front of the DHL office. Conduct maintenance to prevent leaks and clean stains. Meantime, use drip pans.	E-mail notification.	12/4/2015
		Observed leaking equipment in DHL area on the North Ramp. Maintain vehicles to prevent leaks. Use drip pans to catch leaks when conducting maintenance and clean stains.		
Japan Airlines	10/15/2015	Exhaust buildup observed on Push-back equipment parked near Gate 20.	E-mail notification.	10/23/2015-11/6/2015
		Oil stain observed from vehicle/equipment parking area near Gate		

		20. Please clean stain and inspect vehicles and equipment for leaks. Conduct maintenance to prevent leaks.		
Jet Blue (Industrial)	10/20/2015	<p>Leachate liquid was observed to have discharged from the recycling storage shed, although absorbent pads are currently being used. Provide proper containment of recycled materials to avoid future discharge.</p> <p>Area adjacent and behind the recycling storage shed was observed to have accumulated trash and sediment, as well as leachate residue. Clean and properly maintain area.</p>	E-mail notification.	11/5/2015
Landmark Aviation (Industrial)	10/14/2015	<p>Ponded storm water observed in equipment. Dispose of water using appropriate methods.</p> <p>Stains observed in tug parking area. Maintain vehicle and clean area.</p> <p>Observed permeable pavement degradation during inspection. Tenant is in contact with the contractor to resolve the issue and maintain the BMP.</p> <p>Accumulation of sediment observed near the storm drain and curb cut outs into the swale. Adjacent construction site is using the hydrant for water. Storm drain protection BMP and removal of accumulated sediment required.</p> <p>Gravel bags inhibiting flow into the swale. Remove gravel bags to allow water to flow into the treatment control BMP.</p>	E-mail notification.	10/29/15

Siemens (Industrial)	10/21/2015	Provide secondary containment for maintenance fluids during transport to jet bridges.	E-mail notification.	12/7/2015
		Supply spill kits for operational areas in T2 East and T1.		
Southwest Airlines (Industrial)	10/27/2015	Lavatory waste truck was observed to have accumulated liquid within the discharge hose. Drain hose completely.	E-mail notification.	12/4/2015
		Accumulated sediment and trash observed behind Cargo Building.		
		Inoperable equipment and supplies observed within Southwest Cargo Provisions Area. Properly dispose of any inoperable equipment or supplies.		
Spirit (Industrial)	10/27/2015	Exhaust accumulation observed outside GAT vehicle. Vehicle should be cleaned at the airport wash rack.	E-mail notification.	11/17/2015
Sun Country Airlines (Industrial)	10/29/2015	Observed APS radiator stored in the RON area without cover. Radiator was removed during inspection.	Resolved on site.	10/29/2015
United Airlines (Industrial)	10/21/2015	Exhaust and oil residue observed on electric tugs parked near gate 46.	E-mail notification.	11/6/2015 - 11/23/2015
		Fresh oil stain observed in parking spot 6 near gate 45. Oil was cleaned onsite. Vehicles should be checked for leaks.		
		Secondary containment should be provided for maintenance and cleaning fluids.		
UPS (Industrial)	10/27/2015	Accumulation of sediment was observed during the inspection. Sweep along fence and between shipping cans.	E-mail notification.	11/20/2015-12/3/2015
		Large stains observed during inspection.		

		Maintain equipment in good condition to prevent leaks. Clean area and use drip pans as needed.		
		Stain from exhaust was observed. Maintain equipment in good condition. Provide a larger pan to prevent staining and clean area.		
		Oil stains observed under equipment. Maintain equipment in good condition to prevent leaks. Use drip pans to catch leaks and clean stains.		
		Leaking IAS van was observed. Maintain vehicles in good condition to prevent leaks and clean stains.		
Virgin Airlines (Industrial)	10/20/2015	Observed leaking GSE at Gate 35. Maintain vehicles to prevent leaks and clean area.	E-mail notification.	10/22/2015
Volaris Airlines (Industrial)	10/21/2015	Leaking equipment was observed next to Gate 22. Maintain vehicles in good condition to prevent leaks and clean stains.	E-mail notification and Resolved on site.	12/4/2015
		Large oil stain observed at Gate 22. Clean area and maintain vehicles in good condition to prevent leaks.		
<b>Total Number of Industrial Violations</b>		<b>60</b>		

As shown in Table 8, there were 25 violations related to municipal activities, 14 violations related to commercial activities, and 60 violations related to industrial activities. Those responsible for correcting these violations were notified via email and each violation was corrected in a timely manner. Although the Environmental Affairs Department confirmed that corrective action had been taken, such confirmation activities were not considered to be follow-up inspections. There was no need to escalate enforcement for any issues identified in FY15-16.

## VIII. Public Education and Participation

<b>Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001?</b>	<b>YES</b>
<b>Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001?</b>	<b>YES</b>

The Authority's stormwater education and outreach program is designed to increase the awareness of target populations with respect to the storm drain system, the impacts of urban runoff on receiving waters, and the variety of BMPs required for use at the airport that are intended to help prevent and/or eliminate stormwater quality problems. Section 9 of the SWMP has been prepared, in part, to outline the means and methods used to increase understanding of stormwater management issues and to help promote behavioral changes that will reduce stormwater pollution, and thereby lead to a reduction in pollution draining to the storm drain system and San Diego Bay.

Each element of the education program is designed to present the appropriate "agenda" message to a particular audience. The education programs emphasize the consistent presentation of readily understandable information about the causes and effects of stormwater pollution, laws and regulations, as well as the proper use of BMPs. The education program seeks to partner with other Copermittees, airport tenants, non-profit organizations, and other interested stakeholders to ensure cost-effective use of resources.

Table 9 summarizes the education efforts conducted by the Authority during the reporting period. There are several instances where one education mechanism has been applied to several target audiences. For example, the Authority webpage, airport storm drain stenciling, and the airport recycling brochure were each developed to address all the target audiences. The table presents information relative to the education efforts directed at the following audiences during FY15-16: a) "high-risk, allowable behavior audience" (namely, airport industrial and commercial tenants); b) Authority departments and personnel (approximately 350 people); c) new development and construction communities; and d) residents, the general public, and school children.

**TABLE 9 - Description of the Education Efforts Conducted during FY15-16**

<b>Program Element</b>	<b>Estimated Audience Size</b>	<b>“High-risk, allowable behavior audience”</b>	<b>Authority departments and personnel</b>	<b>New Development and Construction Communities</b>	<b>General Public and School Children</b>
Authority Webpage:	1,000s	X	X	X	X
Environmental Affairs’ webpage includes information on the Authority’s stormwater program and the SWMP (www.san.org/environmental).	1,000s	X	X	X	
Storm Drain Stenciling	1,000s	X	X	X	X
Media News Releases:  September 17, 2015 January 28, 2016 February 29, 2016 May 2, 2016 May 16, 2016 June 21, 2016	1,000s	X	X	X	X
Environmental Affairs Department presented stormwater management program updates at Tenant Safety & Security Committee Meetings:  July 15, 2015 August 19, 2015 September 16, 2015 October 21, 2015 November 18, 2015 December 16, 2015 January 20, 2016 February 17, 2016 March 16, 2016 April 20, 2016 May 18, 2016 June 15, 2016	320	X			

Program Element	Estimated Audience Size	“High-risk, allowable behavior audience”	Authority departments and personnel	New Development and Construction Communities	General Public and School Children
Environmental Affairs Department presented stormwater management program updates to airline station managers at monthly Lindbergh Airport Managers Committee (LAMC) Meetings:  July 15, 2015 August 19, 2015 September 16, 2015 October 21, 2015 November 18, 2015 December 16, 2015 January 20, 2016 February 17, 2016 March 16, 2016 April 20, 2016 May 18, 2016 June 15, 2016	up to 50	X			
Environmental Affairs staff attendance at Facilities Management Department-Monthly Status Meetings:  July 28, 2015 August 25, 2015 September 29, 2015 October 27, 2015 November 24, 2015 January 26, 2016 February 23, 2016 April 26, 2016 May 31, 2016 June 28, 2016	Up to 120		X		
Special Presentations:  October 2, 2015 April 29, 2016	100s	X	X	X	X
Environmental Affairs Department provided email training to Authority Departments	Up to 100		X		

Program Element	Estimated Audience Size	“High-risk, allowable behavior audience”	Authority departments and personnel	New Development and Construction Communities	General Public and School Children
Environmental Affairs Department provided Training/Presentations for Specific Authority and Tenant Groups:  11/18/2015 1/12/2016 1/13/2016 1/19/2016 1/22/2016 1/25/2016 1/26/2016 1/28/2016 1/29/2016 3/25/2016 3/30/2016 4/11/2016	Up to 350	X			
Posters/ Banners/ Signage in Terminals and Parking Lots:  July 2015—June 2016	1,000s	X	X	X	X
Email Announcements/Tenant Advisories:  July 1, 2015 August 1, 2015 September 1, 2015 October 1, 2015 November 1, 2015 December 1, 2015 January 1, 2016 February 1, 2016 March 1, 2016 April 1, 2016 May 1, 2016 June 1, 2016	1000s	X	X		

Program Element	Estimated Audience Size	“High-risk, allowable behavior audience”	Authority departments and personnel	New Development and Construction Communities	General Public and School Children
Environmental Affairs staff participated in the Monthly Ramp Walks along with Airport Tenants:  July 1, 2015 August 5, 2015 September 2, 2015 October 7, 2015 November 4, 2015 December 2, 2015 January 6, 2016 February 3, 2016 March 2, 2016 April 6, 2016 May 4, 2016 June 1, 2016	100s	X	X		
Employee Internal Webpage <i>SANformation Online</i> :  July 1, 2015 August 1, 2015 September 3, 2015 October 1, 2015 November 1, 2015 December 1, 2015 January 1, 2016 February 1, 2016 March 1, 2016 April 1, 2016 May 6, 2016 June 1, 2016	Up to 350		X		
Environmental Affairs Department Staff Attendance at External Professional Training/Workshops:  August 3-5, 2015 September 19-21, 2015 October 29-30, 2015	Up to 6		X		
Direct Contact through Project Meetings and Inspections	500			X	

<b>Program Element</b>	<b>Estimated Audience Size</b>	<b>“High-risk, allowable behavior audience”</b>	<b>Authority departments and personnel</b>	<b>New Development and Construction Communities</b>	<b>General Public and School Children</b>
Collaborative Efforts: September 19, 2015 April 17, 2016	Not Applicable				X

The Authority has established two main goals in seeking the public’s participation in our stormwater management program. As noted in Section 9 of the SWMP, the first goal is to develop mechanisms to facilitate public participation in the implementation of the SWMP. The second is to then gain the participation of the community in helping to sustain and improve the Authority’s stormwater management efforts. An educated public generally makes for a more effective partner in preventing stormwater pollution. As such, there is some overlap between the Authority’s public education efforts described above and the public participation efforts described here. Public participation is garnered in two primary ways: participation in implementation of SWMP programs and public feedback on SWMP programs. Feedback is used to improve the SWMP itself and to improve the implementation of the SWMP.

The Authority’s public participation program is directed primarily at airport tenants and Authority staff, while also addressing the general public to the extent possible. The mechanisms used to facilitate public participation on the part of these groups differ slightly. For Authority staff and the airport tenants, public participation mechanisms include: a) regular meetings of the San Diego County Regional Airport Authority Board; b) monthly meetings of the Lindbergh Airport Managers Committee; c) monthly meetings of the Tenant Safety Committee; d) the 24-hour telephone line (Airport Hotline); e) the Authority’s webpages; and f) various outreach events. Mechanisms developed to address the general public include a) regular meetings of the San Diego County Regional Airport Authority Board; b) regular meetings of the Municipal Permit Copermittees; c) the Authority’s webpage; d) the Project Clean Water webpage; e) the Airport Hotline; f) the Copermittee’s regional hotline telephone numbers; and g) outreach events for the General Public.

Table 10 summarizes the public participation mechanisms/opportunities available for Authority staff, airport tenants, and the general public during the FY15-16. As noted above, there are instances where a particular public participation mechanism/opportunity has been available to Authority staff, airport tenants, and the general public. For example, Airport Authority Board Meetings, the webpages, and the hotlines provide public participation opportunities for each of these 3 groups.

**TABLE 10—Public Participation Opportunities Available to Authority Staff, Airport Tenants, and the General Public During FY15-16**

<b>Public Participation Mechanism / Opportunity</b>	<b>Authority Staff</b>	<b>Airport Tenants</b>	<b>General Public</b>
Airport Authority Board Meetings	24	24	24
Lindbergh Airport Managers Committee Meetings	12	12	
Tenant Safety Committee Meetings	12	12	
Municipal Permit Copermittee Meetings	2		
Authority Webpage	continuously available, 24 hrs/day, 7 days/wk		
Project Clean Water Webpage	continuously available, 24 hrs/day, 7 days/wk		
THINK BLUE Webpage	continuously available, 24 hrs/day, 7 days/wk		
Authority 24-Hour Telephone Line/Airport Hotline	continuously available, 24 hrs/day, 7 days/wk		
THINK BLUE Hotline	continuously available, 24 hrs/day, 7 days/wk		
Outreach Events	3	3	3

There were 3 outreach events during FY15-16 that provided opportunities for public participation by Authority staff and airport tenants and their families. Specifically, the Authority promoted 3 local watershed cleanup events, namely: a) the 31st Annual California Coastal Cleanup Day on September 19, 2015; b) the 14th Annual Creek to Bay Cleanup, on April 23, 2016; and c) the EarthFair in Balboa Park, on April 17, 2016.

## IX. Fiscal Analysis

<b>Has the Copermittee attached to this form a summary of its fiscal analysis that complies with Order No. R9-2013-0001?</b>	<b>YES</b>
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The fiscal analysis presented here identifies the various categories of expenditures attributable to the urban runoff management program for FY15-16 and includes a description of the source(s) of the funds that are used to support the program and any legal restrictions on the use of the funds. In late 2008, the Copermittees collaboratively developed and adopted a standardized method of fiscal analysis in accordance with the 2008 Municipal Permit Sections G, J.1.a(3)(I), and J.1.c(1)(d). This Standardized Fiscal Analysis Method and Format (Fiscal Analysis Method) was submitted to the San Diego Water Board in January of 2009 as Attachment 1 of the Regional Urban Runoff Management Plan (RURMP) Annual Report for FY08-09. The Fiscal Analysis Method was prescribed for use by the Copermittees no later than January 31, 2010. The fiscal analysis presented also meets the requirements of the 2013 Municipal Permit Provision E.8.

The San Diego County Regional Airport Authority Act, the Authority’s enabling legislation, outlines the financial parameters of the Authority. As a financially self-sufficient agency, the Airport Authority does not rely on taxpayer dollars or any city or county funds to operate. The Authority has four sources of revenue: 1) airline revenue; 2) non-airline revenue; 3) non-operating revenue; and 4) investment earnings. Airline revenue is primarily from landing fees, terminal rents, and security related fees. Non-airline revenue comprises public parking fees, terminal and other concessions, rental car fees, and ground rents. Non-operating revenue is primarily passenger facility charges (PFCs), Federal Aviation Administration (FAA) Airport Improvement Program (AIP) grants, airport revenue bonds, and short-term borrowing using commercial paper.

There are “revenue diversion” restrictions imposed by federal laws and regulations on the use of Authority funds. The expenditure of Authority funds off airport property may violate federal law. Penalties for violation of the federal “revenue diversion” restrictions are severe and include withholding of current and future grant funds, withholding of other FAA approvals, and other civil penalties.

To ensure that the budget is adequately funded, the Finance Division prepares a revenue budget that incorporates budget expenditure requests into a rate-setting formula to determine projected rates, fees and charges to the airlines and other tenants. Funding sources for the Capital Improvement Program projects include FAA AIP grants, PFCs, airport operating revenues, airport revenue bonds, and short-term borrowing using commercial paper.

The Authority operates on a fiscal year that runs from July 1 through June 30. The expense budget comprises costs for salaries, wages, benefits, operating equipment and systems, safety and security, maintenance, utilities, contractual services, business development costs (include advertising and promotional activities), various property lease payments, debt service, and capital improvements.

The bulk of expenditures related to the implementation of the SWMP pass through the Environmental Affairs Department and the Facilities Management Department. The Environmental Affairs Department is responsible for administrative functions within the Stormwater Management Program, including fiscal analysis. The Environmental Affairs Department staff carries out the administrative activities for the program, including: 1) general program budget analysis and planning; 2) inspections and enforcement; 3) monitoring and reporting; 4) coordination and involvement with the Municipal Permit Copermittees and agencies; 5) assistance to other groups outside the department; 6) internal and external training, workshops, and public events; and 7) helping to secure the materials and equipment necessary to perform required tasks. The Facilities Management Department is generally responsible for the operation and maintenance (O&M) aspects of the program, including: 1) inspection and maintenance of storm drain systems; 2) maintenance of facilities and grounds; 3) securing the materials, equipment, and vehicles necessary to perform required tasks; and 4) supporting the management of the Authority's wastes.

The remaining expenditures flow through the Authority's Capital Improvement Program. The Capital Improvement Program is a rolling 3 to 5 year program that provides for critical improvements and asset preservation, including environmental pollution prevention needs.

For FY15-16, the financial resources expended by the Authority to implement the SWMP are presented in the three categories outlined in the Fiscal Analysis Method, namely, Jurisdictional, Watershed, and Regional. The total expenditures for FY15-16 are presented in Table 11 and equal \$2,148,475.47.

**Jurisdictional Expenditures** - The annual costs to implement the jurisdictional elements of the SWMP include the overall program administration and the costs incurred for staff, contract services, and materials and equipment for each of the program components listed in Table 11. The bulk of the jurisdictional costs are associated with staff and contract services associated with the IDDE, Development Planning, Construction Management, and Existing Development Management components of the urban runoff management program. These costs generally represent the efforts expended by the Environmental Affairs and Facilities Management Departments. The costs associated with the IDDE program include contract services costs for the sampling and monitoring that is part of the dry weather monitoring program. In addition to the expenditures required to ensure compliance with the Municipal Permit, the Existing Development Management component listed in Table 11 also includes contract services costs for sampling and monitoring required to ensure compliance with the Industrial General Stormwater Permit. All Capital Improvement Program costs, if any, associated with the Authority's stormwater management program are included in the Special Investigations Component presented in Table 11.

**Watershed Expenditures** - The annual costs to implement the Watershed elements of the San Diego Bay Water Quality Improvement Plan (WQIP) and for development/implementation of the WQIP during FY15-16 generally fall into the categories of administration, planning, and the Authority's share of the cost for watershed planning. Administration costs include Authority staff time at meetings, communication and coordination with the Watershed Copermittees, and data compilation and

reporting. The costs incurred for watershed activities include staff, contract services, and materials and equipment for those watershed activities implemented by the Authority.

Regional Expenditures - The annual costs to implement the Regional elements of the San Diego Bay WQIP during FY15-16 generally fall only into the categories of administration and the Authority's share of the cost for regional activities. Administration costs include Authority staff time at meetings, communication and coordination with the Copermittees, and data compilation and reporting. The shared costs represent the Authority's obligations to support Copermittee staff, contract services, and materials and equipment for regional activities such as regional workgroups, wet weather monitoring, and public education and outreach.

**TABLE 11—Storm Water Management Program Expenditure Summary for FY15-16**

Description	Costs
A. Jurisdictional Components	
1. Administration	\$37,960.00
2. Development Planning	\$46,720.00
3. Construction	\$86,317.87
4. Municipal	\$1,090,944.38
5. Industrial	\$504,959.73
6. Residential	\$0
7. IDDE	\$109,619.90
8. Education	\$54,248.30
9. Public Participation	\$40,749.18
10. Special Investigations	\$108,398.93
11. Non-emergency Firefighting	\$0
<b>Jurisdictional Total</b>	<b>\$2,079,918.28</b>
B. Watershed – San Diego Bay Watershed	
1. Administration	\$2,336.00
2. Planning	\$19,311.20
3. Copermittee Cost Share	\$6,248.00

4. Watershed Activities	\$29,170.80
<b>Watershed Total</b>	<b>\$57,066.00</b>
C. Regional	
1. Administration	\$2,803.19
2. Copermittee Cost Share	\$8,688.00
<b>Regional Total</b>	<b>\$11,491.19</b>
<b>GRAND TOTAL COSTS</b>	<b>\$2,148,475.47</b>