San Diego County Regional Airport Authority

Fiscal-Year 2007-2008 Annual Illicit Discharge Detection and Ellimination Report

December 2008

Statement of Certification for the Fiscal Year 2007-2008 Annual Report for the Illicit Discharge Detection and Elimination Component of The Airport Authority Storm Water Management Program

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"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 ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Date: December 12, 2008

Signature: 

Printed Name: Paul Manasjan

Title: Director, Environmental Affairs Department

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 purposed of executing all documents related to the NPDES Permit requirements.

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

Municipal Stormwater Permit
Annual IDDE Report for Fiscal-Year 2007-2008

SECTION PAGE

APPENDICES

Fiscal Year 2007-2008 Annual Report for the Illicit Discharge Detection and Elimination Component of the Airport Authority Storm Water Management Program

1.0 INTRODUCTION

This report describes specific stormwater management activities related to illicit discharge detection and elimination (IDDE) conducted by the San Diego County Regional Airport Authority (Authority) during the period of July 1, 2007 to September 30, 2008 - the fiscal year 2007-2008 plus the dry weather season of 2008 (May 1 through September 30). The Authority submits this Fiscal Year 2007-2008 Annual Report for the Illicit Discharge Detection and Elimination Component of the Airport Authority Storm Water Management Program (FY07-08 Annual IDDE Report) in compliance with Addendum 2 to California Regional Water Quality Control Board, San Diego Region (RWQCB), Order No. R9-2007-0001, National Pollutant Discharge Elimination System (NPDES) Permit No. CAS0108758, Waste Discharge Requirements for Discharges of Urban Runoff from the Municipal Separate Storm Sewer Systems (MS4s) Draining the Watersheds of the County of San Diego (County), the Incorporated Cities of San Diego County, the San Diego Unified Port District, and the San Diego County Regional Airport Authority (the Municipal Permit). Addendum 2 was adopted in September of 2008 and modified Section J.3.a of the Municipal Permit to require that, beginning 2008, the annual report containing the comprehensive description of all activities conducted to meet Section D.4 of the Permit be submitted on December 15 of each year and that the report cover the dry season of May 1 through September 30 of that year.

The Authority owns and operates the San Diego International Airport (SDIA). The entire jurisdictional area of the Authority consists of the airport itself - approximately 660 acres, less than 2 miles northwest of downtown San Diego, and adjacent to San Diego Bay. More than 85% of the airport property is covered by impervious surfaces. Stormwater runoff from SDIA discharges into San Diego Bay through 14 storm drain outfalls. Airport operations include two main airline terminals, a commuter terminal, a fixed base operation facility, one main runway area, taxiways, and ancillary support facilities which include a remote fueling facility, air cargo, ground support, a closed landfill site, an airplane wash-rack, overnight airplane parking areas, and the Airport Rescue and Fire Fighting (ARFF) Facility. SDIA is located on State of California tidelands and are held in trust for the benefit of the citizens of California. As such, there is no private property and no residential population within the Authority's jurisdictional boundaries. SDIA lies within the Pueblo San Diego (908.00) hydrologic unit of the San Diego Basin Plan and within the San Diego Bay Watershed of the Municipal Permit.

The Municipal Permit specifies the waste discharge requirements for discharges of urban runoff from the MS4s of the jurisdictions named therein. The Municipal Permit outlines the responsibilities of the jurisdictions (referred to as the Copermittees) to implement stormwater management programs, best management practices (BMPs), and monitoring programs. The permit requires that these efforts be outlined in a Jurisdictional Urban Runoff Management Program (JURMP) Document. The Authority prepared a Storm Water Management Plan (SWMP) in March of 2008 to fulfill the Municipal Permit requirement to prepare a JURMP Document.

Section 9 of the SWMP describes the illicit discharge detection and elimination (IDDE) program conducted by the Authority. The IDDE program builds on several elements of the Authority's stormwater management program, which together create a comprehensive approach to preventing, detecting, and eliminating illegal discharges and illicit connections. The Authority has established the following program elements to detect illegal discharges and illicit connections: a) routine visual inspections of the entire airport and the MS4; b) implementation of a dry weather monitoring program; and c) public reporting mechanisms. The program is designed to be adaptive and allow for: a) periodic assessment of the data and information collected; b) re-evaluation of areas of concern; and c) implementation of clean-up and/or enforcement efforts, as necessary.

This is the first Annual IDDE Report prepared by the Authority. The FY07-08 Annual IDDE Report presents a compilation of the Authority's stormwater illicit discharge detection and elimination management efforts in the following order:

1. Introduction
2. Public Reporting of Illicit Discharges and Connections
3. Spill Reporting, Response, and Prevention
4. Dry Weather Monitoring
5. Follow-up and Enforcement
6. Program Review and Modification

Much of the information presented here was contained in the Fiscal-Year 2007-2008 Municipal Stormwater Permit Annual Report (Municipal Annual Report), dated September 2008, and previously submitted to the RWQCB. The information was presented in Chapter 7 of the Municipal Annual Report. Trash assessment data, collected as part of the Dry Weather Monitoring Program, was not previously provided in Chapter 7 of the Municipal Annual, but has been added here to the FY07-08 Annual IDDE Report.

The report has been prepared by the Authority Environmental Affairs Department with the assistance of the Facilities Management Department, the Landside Operations Department, the Airside Operations Department, the Facilities Development Department, and the Real Estate Management Department. These departments are responsible for the implementation of the Storm Water Management Plan (SWMP) for SDIA. Staff from these departments are integral to eliminating and reducing pollutants in stormwater runoff and to ensuring the Authority's compliance with the Municipal Permit.

2.0 PUBLIC REPORTING OF ILLICIT DISCHARGES AND CONNECTIONS

Authority staff and airport tenants play an important role in the detection of illegal discharges and illicit connections. Education and outreach efforts for Authority staff and airport tenants are directed at stormwater pollution prevention, including the detection and elimination of illegal discharges/illicit connections. Authority regulations prohibit illegal discharges and illicit connections.

As noted in previous Municipal Annual Reports and the SWMP, the Authority continues to exercise and promote the mechanisms available to staff, tenants, and the general public for reporting complaints or concerns regarding unauthorized stormwater discharges and illicit connections as described in Section 9 of the SWMP. 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) and webpage; the Project Clean Water regional hotline (888-846-0800) and webpage operated by the County of San Diego; and the THINKBLUE Hotline (888-844-6525) and webpage operated by the City of San Diego.

The two regional hotline efforts of the Municipal Copermittees, Project Clean Water and THINKBLUE, are designed to provide publicly reported illegal discharge/illicit connection information to the appropriate jurisdictions, such as the Authority. In turn, the Authority promotes both Project Clean Water and THINKBLUE at outreach and training events.

The Authority webpage provides another mechanism for staff, tenants, and the general public to contact the Environmental Affairs Department regarding stormwater concerns. The webpage provides background information on the SWMP, the IDDE program, and both telephone numbers and E-mail addresses for the Environmental Affairs Department.

The Airside Operations Department 24-hour telephone number functions as a hotline for airport tenants and Authority staff to report stormwater pollution concerns. This telephone number is promoted to tenants and staff by including the telephone number on the back of all required Airport Security ID badges. The general public is also redirected to this number anytime they pick up an airport white courtesy phone located throughout the airport terminals. Most of the unauthorized stormwater discharge issues that require notification or response of any kind are initially reported to the Airside Operations Department 24-hour telephone line. Each call is logged and directed to the appropriate department for immediate response. While the Environmental Affairs Department need not always be contacted directly for response actions, the Environmental Affairs Department monitors the log as part of the SWMP IDDE program.

During FY07-08, there was a total of 167 IDDE events reported to the Authority using either the telephone numbers or the webpages noted above. These 167 IDDE events are discussed further in Section 3.1 below.

3.0 SPILL REPORTING, RESPONSE, AND PREVENTION

In order to ensure the health and safety of the 17 million plus 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. SDIA is under 24-hour surveillance due in large part to the heightened security measures put in place after September 11, 2001. The concerns for safe operation of the facilities and early detection of suspicious activity allow for virtually every action to be subject to visual observation and reporting, including any activity or incident that may be an environmental or stormwater management concern, such as a fuel spill during aircraft fueling operations or an overfilled trash can in the parking lot.

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 one element of the IDDE program, since any environmental issues are both reported to the Environmental Affairs Department and captured in the SDIA daily log.

The Environmental Affairs Department conducts monthly inspections of the entire facility and the above-ground portions of the MS4 during the wet season (October 1 - May 31). These inspections are designed to identify unauthorized stormwater discharges and to ensure that BMPs are being implemented properly and operating as designed. The Environmental Affairs Department also conducts visual observations of non-stormwater discharges on a quarter-annual basis.

Taken as a whole, the surveillance and inspection activities represent the site-wide and MS4-specific inspection elements of the IDDE program at SDIA. The information in Table 1 highlights the regular inspection activities conducted by the Environmental Affairs Department during the reporting period.

TABLE 1 IDDE MS4 INSPECTION AND MONITORING CONDUCTED DURING FY07-08

Date	Inspection Element
07/17/07	Quarterly authorized/unauthorized non-stormwater discharge monitoring
07/17/07	Dry Weather Monitoring (2007 dry weather season)
10/17/07	Monthly Wet Weather Visual Observations
11/20/07	Quarterly authorized/unauthorized non-stormwater discharge monitoring
11/30/07	Monthly Wet Weather Visual Observations - sample collected
12/07/07	Monthly Wet Weather Visual Observations – sample collected
01/21/08	Monthly Wet Weather Visual Observations
02/22/08	Monthly Wet Weather Visual Observations
03/25/08	Quarterly authorized/unauthorized non-stormwater discharge monitoring
05/08/08	Dry Weather Monitoring (2008 dry weather season)
05/19/08	Quarterly authorized/unauthorized non-stormwater discharge monitoring
05/23/08	Monthly Wet Weather Visual Observations
06/03-04/08	Dry Weather Monitoring (follow-up to 05/08/08) (2008 dry weather season)
06/20/08	Dry Weather Monitoring (2008 dry weather season)
08/04/08	Dry Weather Monitoring (2008 dry weather season)

3.1 IDDE REPORTING AND RESPONSE

Appendix A presents information on the 167 IDDE events reported to either the Authority's 24-hour telephone line or directly to the Environmental Affairs Department during the reporting period. The Environmental Affairs Department classified each incident into one of the eight categories shown in Table 2. The nature and disposition of all 167 IDDE incidents noted in Table 2 are presented in Appendix A.

The most frequently reported types of incidents were trash or non-petroleum spills that occurred on the airside, comprising 38% of the total. The "trash or non-petroleum spill on the airside" IDDE category has been the most frequently reported issue for four of the last five fiscal years (being the second most frequently reported issue in the fifth year). This trend is related to the Authority's (and the entire aviation community's) concern for

TABLE 2 SUMMARY OF IDDE INCIDENTS BY CATEGORY AS REPORTED DURING FY07-08*

Incident Category	Number of Incidents
Trash or non-petroleum spill on the airside	63
Petroleum spill on the airside	30
Trash or non-petroleum spill on the landside	29
Pest management issue	23
Sewage issue	15
Petroleum spill on the landside	6
Unauthorized discharge	1
Construction project issue	0

* See Appendix A for detailed description of each incident.

trash and debris on the airside as serious threats to the safe operation of a jet engine. Therefore, people working on the airside are keenly aware of issues involving trash and debris. Another reason for the trend is that two of the four Solid Waste Disposal Areas are on the airside, which increase the chances that a "trash or non-petroleum spill" will occur on the airside.

Petroleum spills on the airside were the second most frequently reported type of IDDE event, comprising 18% of the total. Approximately 450,000 gallons of jet fuel is transferred from tanker trucks to aircraft every day. The number of petroleum spill reports reflects the sensitivity of Authority staff and airport tenants to the fire hazard and environmental concerns associated with these types of spills. The majority of these spills are less than 5 gallons and all spills are cleaned up immediately.

Trash or non-petroleum spills that occurred on the landside comprise 17% of the total number of events listed in Table 2. The "trash or non-petroleum spill on the landside" IDDE category has historically also been the more frequently reported issues. This is partially reflective of the impact that approximately 60,000 people a day coming the airport can have on the facility and also reflects the constraint scrutiny of site conditions by Authority staff and airport tenants.

The 23 "pest management issues" listed in Table 2, represent 14% of the total and generally involve the appropriate application of pesticides, and not an illegal discharge. Tracking pesticide application events is another mechanism used by the Authority to monitor pesticide use and to promote integrated pest management, thus limiting the quantities of pesticides and herbicides at SDIA.

The sewage related IDDE issues listed in Table 2 comprise 9% of the total and are discussed in Section 3.2 below. Significant aspects of the 6 petroleum spills on the landside incidents (less than 4% of the total) and the 1 unauthorized release issue are discussed below in Section 5.

3.2 SANITARY SEWAGE SPILL PREVENTION AND RESPONSE

Section 6.5 of the SWMP identifies those controls that the Authority has implemented to limit infiltration from the sanitary sewer system into the stormwater conveyance system and to prevent and respond to sewage spills. As noted in Table 2 above and as detailed in Appendix A, there were 15 IDDE incidents related to sewage at SDIA during the reporting period. Seven (7) of these incidents involved the triturator which is part of the sewage disposal system used to discharge aircraft waste into the City of San Diego Metropolitan Waste Water Department sewer system. The triturator is housed in a covered and bermed building in order to ensure that no sewage is discharged outside the actual sewer connection point. Sewage is emptied from the aircraft into mobile lavatory trucks and then into the sewer system at the triturator via a connection hose. Of the 7 IDDE incidents at the triturator: 3 involved a mechanical problem with the connection hose; 2 involved a malfunctioning alarm; 1 involved a clog in the sewer line; and the final 1 involved a spill from a lavatory waste truck at the breached the containment berm. Only one of these 7 events involved a sewage spill and none of these 7 events impacted the stormwater conveyance system.

Of the 8 remaining IDDE sewage incidents, that did not involve the triturator, 4 involved leaks or minor spills from lavatory waste trucks operating at the terminals gate and off-loading lavatory waste from aircraft. Each of these 4 spills was immediately cleaned up. One of the 8 incidents not related to the triturator involved a spill from a portable restroom at an airport

construction project. The spill was immediately cleaned up. The 3 remaining IDDE sewage incidents, unrelated to the triturator, involved sewage spills from the plumbing system in Terminal 1 East: one on February 18, 2008; another on March 24, 2008; and the last incident on April 9, 2008. Each of these spills were addressed immediately, the spills cleaned up, and the problems corrected. None of these 8 IDDE incidents related to sewage impacted the stormwater conveyance system.

3.3 USED OIL AND TOXIC MATERIALS DISPOSAL

Section 9.3.1 of the SWMP discusses spill prevention and proper materials storage and handling. SWMP Section 9.3.1 refers to the BMPs required for use at the airport that are related to material storage, handling, and spill response. These BMPs describe the mechanisms required for use by the Authority which facilitate the proper management and disposal of used oil and toxic materials. Like the Authority itself, airport tenants are required to dispose of materials through licensed handlers. The Authority provides information to tenants to help facilitate their own disposal needs, when asked or when necessary. In addition, the Authority hosted 3 separate electronic and universal waste collection events in September of 2007, and January and April of 2008. These 3 events were open to all Authority staff and airport tenants. The event allowed staff and tenants to relinquish electronic and universal waste (such as batteries and fluorescent light bulbs) for proper recycling or disposal. Table 3 lists the hazardous materials disposed of by the Authority during FY07-08, a portion of which includes the universal waste collected at the electronic and universal waste collection events.

4.0 DRY WEATHER MONITORING

The Authority conducts dry weather monitoring during the dry season (May 1 through September 30) in accordance with the Municipal Permit. The Dry Weather Monitoring Program is designed to identify non-stormwater illegal discharges/illicit connections. The program includes inspections, observations, and water quality analysis of dry weather flows. The Authority's Dry Weather Monitoring Program is described in Appendix D-1 of the Authority SWMP.

TABLE 3 HAZARDOUS WASTES DISPOSED OF BY THE AUTHORITY DURING FY07-08

Description of Waste	Total Quantity Disposed	
Hazardous Waste, Solid	90	tons
Hazardous Waste, Corrosive Liquid	4	gallons
Hazardous Waste, Aerosols, Flammable	100	pounds
Hazardous Waste, Flammable Liquid (Paints and Thinners)	116	gallons
Asbestos and Non-friable Waste	3	cubic yards
Non-RCRA Hazardous Waste, Solid (Absorbent, Soil, Toner, and Debris)	120	tons
Non-RCRA Hazardous Waste, Solid (Oily Debris and/or Diesel)	1,860	pounds
Non-RCRA Hazardous Waste, Liquid	235	gallons
Non-Hazardous Waste, Solid (Soil)	30	tons
Non-Hazardous Waste, Liquid (Rinse Water)	155	gallons
Waste Flammable Solids, Organic	100	pounds
Universal Waste (Fluorescent Lamps, Monitors, Alkali and/or Rechargeable Batteries)	2,390	pounds

The Dry Weather Monitoring Program allows the Authority to characterize dry weather flows at SDIA, to eliminate illegal discharges and illicit connections, and to help identify pollutants of concern. The Authority's Dry Weather Monitoring Program utilizes monitoring, sample analysis, and data interpretation procedures consistent with those developed by the Copermittees. The program features designated monitoring locations and frequencies, field screening/sampling procedures, data interpretation techniques, and follow-up investigation and reporting procedures. The Permit requires the Authority to perform dry weather monitoring at least once between May 1 and September 30 each year. However, over the last three seasons, the Authority has increased the number of monitoring events to three each season and has timed these events to coincide with dry weather sampling being conducted by the Port of San Diego on the same day.

The Authority has implemented a dry weather monitoring program since 2003. Over the past five years, the Dry Weather Monitoring Program has been continuously evaluated and improved to represent the land use activities at the Airport. The program originally started with four dry weather

monitoring locations, but was expanded to ten locations in FY06-07. The dry weather monitoring stations are evaluated and adjusted, if needed, at the beginning of each dry season to ensure that land use and other operational activities are properly evaluated and represented. There were three dry weather monitoring events scheduled during the 2008 dry weather season; namely, May 8, 2008, June 20, 2008, and August 4, 2008. There was also one follow-up sampling event for the 2008 dry weather season conducted on June 3 and 4, 2008, in response to the lab results from the dry weather monitoring event conducted on May 8, 2008.

Samples were taken at all sites with flowing or ponded water. Conductivity was the first field parameter measured. If the specific conductance of the sample was high enough to suggest that the sample was likely seawater, then the sample was not subjected to additional field screening or laboratory analysis.

Each site was also subject to an evaluation of how much trash was present at the site during each monitoring event base on a five level rating system. The rating system, developed by the copermittees, is described below.

Optimal - On first glance, no trash visible. Little or no trash (<10 pieces) evident when area is closely examined for litter and debris.

Suboptimal - On first glance, no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.

Marginal - Trash is evident in low to medium levels (~50-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.

Submarginal - Trash distracts the eye on first glance. Evaluated area contains substantial levels of littler and debris (>100-400 pieces). Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.

Poor - Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

At the Airport trash, or foreign object debris (FOD), is rarely a problem due to the nature of the environment. Airport and Authority employees are trained to be especially mindful of FOD, and pick up any that is seen on the airside, because it can easily become a safety hazard with the planes. This mind set is reflected in the fact that 60% of our sites received optimal ratings during all three monitoring events and none of the sites received below a suboptimal rating during any of the monitoring events.

The field data sheets, trash assessment forms, and analytical data reports for the each of the dry weather monitoring events are discussed below and presented in Appendix B.

Site C-B01-1 - Ponded water was present at the site during the first two monitoring events conducted in the 2008 dry weather season, but there was no evidence of an illegal discharge in the vicinity and no up stream sources were identified. During the May 8, 2008 event, the water had a brown and slightly cloudy appearance. Sampling for field action levels on May 8 showed were exceedances for pH, ammonia and MBAS, although the laboratory data showed action level exceedances for copper and zinc only. A follow-up monitoring event was conducted at the site on June 4, 2008, in response to the lab results from the May 8 monitoring event. Ponded water was observed at the site on June 4 and the water had a faint yellow tint with some visible sediment. There were no obvious source activities observed at the site at the time. A field sample collected on June 4 was tested for pH, MBAS and ammonia, and only the pH reading of 6.1 exceeded the action level of "less than 6.5." A laboratory sample was also collected on June 4 for analysis of copper and zinc, and the results of both exceeded the action levels. During the June 20, 2008 event, the water was yellow and clear. No exceedances were found in the field during the June 20 event, but samples were still collected due to previous exceedances at this site. The laboratory data from June 20 showed action level exceedances for copper and zinc. During the August 4, 2008 event, no flow was observed and no field screening or lab samples were collected. This site was observed to be optimal during trash assessments performed at the site during the May, June and August monitoring events.

Site C-B03-2 - Ponded water was observed during the May 8, 2008 monitoring event. A slightly cloudy flow was observed during both the June 20, 2008 and August 4, 2008 monitoring events. Fine particulates were observed in the flow during the June 20, 2008 event. The results of

conductivity testing conducted during each of the three events suggested that the water resulted from seawater intrusion, therefore, no further field analyses were conducted and no laboratory analyses performed. This site was observed to be optimal during trash assessments performed at the site during the May, June and August monitoring events.

Site C-B05-3 - This site is located in the middle of a large gravel parking lot on the north side of the airport property. A water truck is employed daily during the dry season to control dust at the parking lot. During the 2008 dry weather season, ponded water was observed during all three monitoring events; namely, May 8, 2008, June 20, 2008, and August 4, 2008. Field screening on these 3 days showed no action level exceedances and, therefore, lab tests were not necessary. Although overland flow was observed from the water truck (that controls the dust) during the May 8 monitoring event, there was no evidence of overland flow during the June 20 and August 4 monitoring events. The trash assessment condition was observed to be optimal during the May and August events but suboptimal during the June monitoring event.

Site C-B05-4 - No overland flow was observed during the May 8, 2008, June 20, 2008, and August 4, 2008 monitoring events. Sediment and gravel were found in the catch basin during the June 20 monitoring event. Ponded water was observed during the monitoring events on May 8, June 20, and August 4, 2008, but the high level of conductivity suggested seawater intrusion at the site and no further field analyses or laboratory analyses were performed. This site was observed to be optimal during trash assessments performed at the site during the May, June and August monitoring events.

Site C-B06-5 - The site was dry and there was no evidence of surface runoff to the site during the May 8, 2008, June 20, 2008, and August 4, 2008 monitoring events. This site was observed to be optimal during trash assessments performed at the site during the May, June and August monitoring events.

Site C-B07-6 - The site was dry and there was no evidence of surface runoff to the site during the monitoring events conducted on May 8, 2008, June 20, 2008, and August 4, 2008. This site was observed to be optimal during trash assessments performed at the site during the May, June and August monitoring events.

Site C-B07-7 - The site was dry and there was no evidence of surface runoff to the site during the monitoring events conducted on May 8, 2008, June 20, 2008, and August 4, 2008. During the May 8 monitoring event, sediment, gravel, and trash were present in the catch basin. Trash assessment conditions at this site were observed to be suboptimal during the May and June monitoring events but optimal during the August event.

Site C-B08-8 - Trash and ponded water were observed at the site during all monitoring events conducted during the 2008 dry weather season. Any overland flow or ponded water observed was likely due to the potable water filling of the aircrafts in the area, as well as residual moisture from dew. During the May 8, 2008 and June 20, 2008 monitoring events, ammonia and MBAS exceeded field screening action levels. The May 8 monitoring event showed no evidence of an illegal discharge in the vicinity and no up stream sources. The laboratory data from the May 8 event revealed action level exceedances in total coliforms, and copper. A follow-up monitoring event was conducted at the site on June 3, 2008, in response to the lab results from the May 8 monitoring event. Ponded water was observed at site on June 3 and the water had a yellow tint with visible sediment. A lavatory waste truck was observed in the vicinity emptying an airplane of bathroom waste, but no leaks or illegal discharges were observed at the time. A field sample was tested on June 3 for MBAS and ammonia, and only ammonia exceeded the action level. A sample was also collected on June 3 for laboratory analysis of total coliforms, copper, and zinc, and the results of total coliforms and copper exceeded the action levels. During the June 20, 2008 monitoring event, the water had a yellow color. The laboratory data from the June 20, 2008 event revealed action level exceedances in total coliforms, copper and zinc. There was evidence of overland flow during the August 4, 2008 monitoring event, but ponding and flow were not observed, and therefore, no field or lab samples were collected during this event. The trash assessment condition was observed to be suboptimal during all monitoring events.

Site C-B12-9 - This site had no evidence of surface runoff during the May 8, 2008, June 20, 2008, and August 4, 2008 monitoring events. Although there was a small amount of ponded water during the first two events, there was not enough volume to sample for either field or laboratory analyses. There was no ponding during the August 4 monitoring event. This site was observed to be optimal during trash assessments performed at the site during the May, June and August monitoring events.

Site C-B09-10 - The site had both trash and sediment in the catch basin during May 8, 2008, and June 20, 2008 monitoring events. During the May 8 and June 20 monitoring events, residual moisture from landscape runoff was found in the catch basin. There was evidence of irrigation runoff during the August 4, 2008 monitoring event, but no ponding or flow was observed. Due to insufficient volume, no field screening samples were collected at this site during any of the monitoring events. Trash assessment conditions at this site were observed to be suboptimal during the May and June monitoring events but optimal during the August event.

Table 4 lists the dry weather monitoring stations by Site ID, includes a brief description of the location, indicates dates of monitoring and follow up events, if there was a sufficient volume of water was present to allow sampling (whether field analysis and/or laboratory analyses, once field analyses ruled out the likelihood that the water was the result of salt water intrusion), notes the potential pollutants of concern identified as a result of sampling and analysis, and indicated the condition that was observed during the trash assessment.

During the 2008 dry weather season, there were three sites at which a sufficient volume of water was present to allow sampling, once field analyses ruled out the likelihood that the water was the result of salt water intrusion. Field sampling of the ponded water at Site C-B01-1 exceeded action levels for pH, ammonia and MBAS on the first occasion ponded water was found. Laboratory analyses of the ponded water collected at Site C-B01-1 each time reported that copper and zinc concentrations exceeded the action levels. There was no evidence of illegal discharge in the vicinity of Site C-B01-1. The laboratory results suggesting copper and zinc as potential pollutants of concern are similar to the results from the FY06-07 Dry Weather Monitoring Program and are consistent with the results of the Authority's wet weather monitoring program (discussed in Section 7.4.2 of the FY07-08 Municipal Annual Report). Field sampling of the ponded water at Site C-B05-3 did not exceed action levels during all three monitoring events during the 2008 dry weather season, and therefore there was no requirement to collect a sample for laboratory analysis. The results for Site C-B05-3 are similar to the results from the FY06-07 Dry Weather Monitoring Program.
Site C-B08-8 had ponded water on three occasions during the 2008 dry weather season. During the three monitoring events, field analysis identified ammonia and/or MBAS as exceeding the field screening action levels. These field results are similar to the results from the FY06-07 Dry Weather

TABLE 4 2008 DRY WEATHER SEASON DRY WEATHER MONITORING PROGRAM RESULTS

Site ID	Site Description	Dates of Monitoring Events*	Type of Analyses (S, F, L)	Potential Pollutant(s) of Concern Identified	Trash Assessment Condition
C-B01-1	Grated inlet inside zipper line, south of FBO, north of runway	5/8/08*	F, L	Ammonia, MBAS, pH, Cu, Zn	Optimal
		6/4/08* (follow up sampling)	F, L	pH, Cu, Zn	NA
		6/20/08*	F, L	Cu, Zn	Optimal
		8/4/08			Optimal
C-B03-2	Grated inlet inside zipper line, south of runway, near B1-D sign	5/8/08*	S		Optimal
		6/20/08*	S		Optimal
		8/4/08*	S		Optimal
C-B05-3	Grated inlet within the rental car holding lot	5/8/08*	F		Optimal
		6/20/08*	F		Suboptimal
		8/4/08*	F		Optimal
C-B05-4	Grated inlet, south of runway, north of generator yard	5/8/08*	S		Optimal
		6/20/08*	S		Optimal
		8/4/08*	S		Optimal
C-B06-5	Grated inlet southeast of control tower	5/8/08			Optimal
		6/20/08			Optimal
		8/4/08			Optimal
C-B07-6	Inlet pipe, in manhole west of oil-water separator in cargo area	5/8/08			Optimal
		6/20/08			Optimal
		8/4/08			Optimal
C-B07-7	Grated inlet south of cargo area, west of West Wing	5/8/08			Suboptimal
		6/20/08			Suboptimal
		8/4/08			Optimal

TABLE 4 2008 DRY WEATHER SEASON DRY WEATHER MONITORING PROGRAM RESULTS (CONTINUED)

Site ID	Site Description	Dates of Monitoring Events*	Type of Analyses (S, F, L)	Potential Pollutant(s) of Concern Identified	Trash Assessment Condition
C-B08-8	Grated inlet north-west of Terminal 1 East, across from Gate 8	5/8/08*	F, L	Ammonia, MBAS, Total Coliforms, Cu	Suboptimal
		6/3/08* (follow up sampling)	F, L	Ammonia, Total Coliforms, Cu	NA
		6/20/08*	F, L	Ammonia, MBAS, Total Coliforms, Cu, Zn	Suboptimal
		8/4/08			Suboptimal
C-B09-10	Manhole near Terminal 2 Parking Entrance, on north side	5/8/08			Suboptimal
		6/20/08			Suboptimal
		8/4/08			Optimal
C-B12-9	Grated inlet in West RON	5/8/08			Optimal
		6/20/08			Optimal
		8/4/08			Optimal

* = site had sufficient water to sample

S = sample conductivity suggests salt water and no further analyses conducted.
F = field analyses.
L = laboratory analyses.

Monitoring Program. The laboratory data for all 3 of the 2008 monitoring events showed exceedances for total coliforms and copper, with 2 of the 3 monitoring events also showing exceedances for zinc in the results of the laboratory analysis. The laboratory results suggesting copper and zinc as potential pollutants of concern are consistent with the results of the Authority's wet weather monitoring program. Finally, there were no unauthorized discharges identified as a result of the dry weather monitoring activities conducted in the 2008 dry weather monitoring season.

5.0 FOLLOW-UP AND ENFORCEMENT

Each of the IDDE incidents listed in Table 2 were resolved in the manner noted in Appendix A. Virtually all of the incidents noted in Table 2 and described in Appendix A were addressed immediately in the field at the time the incident was reported. Whenever an illegal discharge/illicit connection was detected by any of the Authority IDDE program elements, the Environmental Affairs Department documented the incident, required corrective action, if necessary, and monitored the implementation of any required corrective actions.

The 1 incident identified by the Authority IDDE program in Table 2 as a unauthorized discharge involved the improper containment of aircraft wash water. The March 6, 2008 incident was observed in the field by staff from the Airside Operations Department. Staff immediately brought to issue to the attention of responsible party, and the responsible party stopped the discharge immediately. The Environmental Affairs Department followed up by contacting the responsible party to ensure continued proper aircraft washing activities and to prevent a reoccurrence.

There were three IDDE incidents involving "petroleum spills on the landside" for which the Environmental Affairs Department issued written notices. A written notice was issued to Alamo Rent-a-Car, Incorporated, for an incident that occurred on August 9, 2007. Two written notices were issued to Hertz Corporation for separate incidents that occurred on October 31, 2007, and January 18, 2008. Although each incident was cleaned up immediately, the written notices requested that the responsible parties submit a report detailing: 1) the events related to the illegal discharge, including the cause, type of material discharged, and the source of the material discharged; 2) the procedures that will be implemented to prevent the reoccurrence of such unauthorized discharges and a list of BMPs that will be employed; and 3) the methods and proposed schedule for ensuring that all company personnel are properly informed of the SDCRAA Storm Water Code and the BMPs required for use in conducting their daily activities. The written notices also advised the responsible parties of the potential future consequences should they fail to act appropriately.

None of the IDDE incidents that occurred during this reporting period required additional follow-up or enforcement actions beyond the actions described above.

6.0 PROGRAM REVIEW AND MODIFICATION

This Annual IDDE Report has been prepared to meet the requirements of Addendum 2 to the Municipal Permit. As such, this is the first time the complete results of a dry weather season Dry Weather Monitoring Program have been presented in a single report. Information presented throughout this report and the 2007-2008 Municipal Annual Report (particularly Chapter 11-Effectiveness Assessment Component), supports a determination that the Authority's stormwater management efforts, including the IDDE components, have proven to be effective and are in general compliance with the Municipal Permit.

In March of 2008, the Authority completely revised the SWMP, including the Dry Weather Monitoring Program. There have been no revisions to the Illicit Discharge Detection and Elimination Component of the SWMP since that time.

Appendix A

FY07-08 Illicit Discharge Dectection and Elimination Report Log

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Log of IDDE Reports to SDIA 24-hour Telephone Fiscal Year 2007-2008		
Subject/Topic	**Date**	**Log Entry Synopsis**
Trash-Spill Landside	07/01/07	08:58 Trash cans are overflowing on the CT taxi stand. Notified SPC.
Trash-Spill Airside	07/02/07	15:51 TSA Supervisor called to report their trash cans T2W Baggage Screening area, rampside needed to be emptied. Second notification to SPC.
Trash-Spill Airside	07/03/07	Bucket of unknown waste liquid was found along the fence area by ExecAir. No responsible party could be found.
Trash-Spill Airside	07/04/07	15:08 TSA Ops advised ADASP will be conducted at various times and areas.
Trash-Spill Landside	07/07/07	19:50 ATO called to report trash cans at WN curbside were overflowing. SPC notified.
Trash-Spill Airside	07/11/07	08:45 Notified Allied Waste that the cardboard compactor is either full or not working. They advised it is due to be picked up on Friday, they will send a mechanic after.
IPM	07/12/07	08:30 Escorted maintenance personnel conducting weed spraying within the airfield movement areas. 09:45 Maintenance finished weed spraying.
IPM	07/13/07	18:57 WN called to report a colony of red ants curbside T1 Baggage Claim entrance. MX and Zebra 3 notified.
Trash-Spill Airside	07/13/07	07:02 Left VM for AA operations that the AA trash cart at Gate 25 is uncovered and needs to be emptied or properly covered. Requested a call back to confirm receipt of message.
IPM	07/17/07	09:40 American mechanic called to report black widow spiders near the tool boxes under gates 27, 31, and 32. Notified Maintenance.
Trash-Spill Airside	07/17/07	08:30 Express Jet called to request ramp scrubbing at the Commuter Ramp particularly spots 5 & 9. Left message with Maintenance.
IPM	07/18/07	08:00 Escorted weed sprayers from B8 to B1. 09:00 Weed sprayers finished.
IPM	07/20/07	06:30 Ground Transportation called to report a bee hive in the Harbor Drive pay parking lot, stall 42. Notified Maintenance.
Sewage	07/20/07	07:15 Responded to Gate 22 in reference to a call from Exec Air regarding a lavatory spill. Lavatory waste was on the ramp prior to them repositioning the aircraft from Gate 20. Advised by ATS that the spill ocurred last night and no action was taken.
Trash-Spill Airside	07/20/07	AirOps contacted EAD regarding a lav waste spill at Gate 22. The spill occurred early in the morning and ATS did not respond to the spill until EAD got involved. Approximately 5-10 gallons of sewage waste was cleaned up.
Petroleum-Spill Airside	07/23/07	09:50 Received a call from Express Jet Manager, reporting there was approximately 1 gallon of hydraulic fluid spilled on the CT ramp near parking spot 3. Express Jet and GAT cleaning up spill. No storm drains affected.
Petroleum-Spill Airside	07/27/07	05:40 Notified by AS of a fuel spill at gate 18. ASIG refueler said that as he was refueling the center tank, fuel began to come out of the left wing vent tube. Less than 5 gallons were spilled and no fuel entered the storm drain system.
Trash-Spill Airside	07/29/07	10:16 SPC reports that the compactor is still full and people are putting trash bags outside the compactor. Contacted Allied Waste and was advised they are en route. Advised SPC and Zebra 2.
Trash-Spill Airside	07/29/07	08:14 SPC reports the trash compactor is full in T2W. Notified MX. 08:28 MX checked for power and found the compactor to be working, but it is full. 08:29 Left message for Allied Waste. 08:56 Allied Waste called and advised someone will be out.
Trash-Spill Airside	07/29/07	07:44 Contact DL Ops to have trash on DL cabin cleaning trucks and ground on W side of T2W emptied or placed inside trucks. Requested a call back from GAT supervisor. 09:29 Observed trash on ground and on DL cabin cleaning trucks still there.
Trash-Spill Airside	07/30/07	08:35 TSA called to advise that the trash cans in bag check 6, rampside, need to be emptied. Notified SPC.
Trash-Spill Airside	07/31/07	13:50 SPC called to report the trash compactor in Terminal 1 was OTS. Notified Allied Waste.
Trash-Spill Airside	07/31/07	13:45 Called Allied Waste to advise T2E trash bin is full and the compactor is OTS. Will send someone out to look at it, as it was dumped this morning.
IPM	08/02/07	21:17 HDP Dispatcher called to report rats climbing on the Bank of America ATM across the US Ticket Counter. MX notified.
Trash-Spill Airside	08/02/07	17:20 Capt. Brown reports that R2 is leaking acid from the batteries. The engine is still operational and MX is cleaning up the acid. Valley Fire rports that he will have a mechanic respond with 2 batteries within an hour to two hours. DAO notified.
Petroleum-Spill Landside	08/04/07	09:09 Observed spill cleanup in process by AA. Small Skydrol spill under rear of AA MD-80 N7518A at gate 30. Storm drains not imapcted.
Trash-Spill Landside	08/04/07	11:51 ATO reports the trash can is full curbside near AA check-in area. Notified SPC.
Trash-Spill Landside	08/07/07	17:39 Trash cans curbside at the CT are overflowing. Notified SPC.
Petroleum-Spill Landside	08/09/07	11:25 ATO Supervisor called to report a large oil spill at the T1 courtsey island. Requested maintenance to take some absorbent. 12:00 Maintenance called to advise it is more than a leak. 12:15 Noted that 7 adults and 1 child have fallen in the area.
Trash-Spill Landside	08/09/07	12:25 ATO called to report trash that the seagulls have gotten into next to the USO in the parking lot needs to be cleaned up. Notified Lindbergh Parking.

Log of IDDE Reports to SDIA 24-hour Telephone Fiscal Year 2007-2008		
Subject/Topic	**Date**	**Log Entry Synopsis**
Trash-Spill Airside	08/10/07	08:17 Contacted DL Ops to have trash on DL cabin cleaning trucks emptied. DL advised compactor full. 08:27 Checked an observed compactor being replaced with empty, advised DL Ops.
Trash-Spill Airside	08/14/07	08:30 SPC called to report that the trash compactor is not working, but is empty at Terminal 1. Notified Maintenance, who checked and advised that Allied Waste mechanic was on-site.
Trash-Spill Airside	08/14/07	04:45 Contacted Allied Waste Disposal for repair to trash compactor located near Terminal 1 East. The compactor is not cycling.
Trash-Spill Airside	08/15/07	09:48 XE Ops called to advise of a Bio-Hazard bag outside of their office for proper disposal. Notified SPC.
Trash-Spill Landside	08/18/07	08:17 Trash cans are full on the CT transportation island. Notified SPC.
Trash-Spill Landside	08/19/07	14:09 ATO called to report trash on the ground T2 Curbside near the Cross Walk. SPC notified.
Petroleum-Spill Airside	08/21/07	06:30 Received a call from TSA that an AA tug leaked oil near door T2E1T0 and employees were slipping. The spill is near the NW carousel. Notified Maintenance.
Trash-Spill Airside	08/22/07	14:15 Left voicemail for AA Ops to cover or empty trash cart between gate 25 and 27.
Trash-Spill Landside	08/22/07	10:45 Trash cans in employee parking lot need to be emptied. Contacted and advised LPI.
Petroleum-Spill Airside	08/23/07	16:06 MX advised they need Ocean Blue to clean up the hydraulic fluid spill due to it being more than 5 gallons. Ocean Blue notified.
Petroleum-Spill Airside	08/23/07	16:04 MX advised that Allied Waste Disposal needs to be contacted due to a broken hydraulic line in the T2W trash compactor. Allied Waste Disposal notified.
Trash-Spill Airside	08/23/07	15:47 HMS Host called to report grease or oil is leaking from the T2W Loading Dock Trash Compactor. MX notified.
Trash-Spill Landside	08/27/07	17:22 ATO called to report trash near the cross walk at the CT. SPC notified.
Trash-Spill Airside	08/28/07	08:22 Pacific Western called to report trash scattered around the ramp near Gate 21. Notified SPC.
Trash-Spill Airside	08/29/07	13:53 HMS reports the cardboard compactor in T2W is OTS. Contacted MX. 14:06 MX advised that it is a hydraulic problem. Contacted Allied Waste.
Trash-Spill Landside	08/29/07	08:17 From Paging Officer - SPC to cleanup dog waste at curbside Northwest Airlines.
Trash-Spill Airside	08/31/07	15:24 HMS Host called to report the Trash Compactor T2W was not working. MX notified.
Trash-Spill Airside	08/31/07	07:39 SPC advised the trash compactor is missing for T1. Per Airport 10, that compactor will be back in place in approximately 1 hour due to the area being cleaned. Trash will need to be taken to T2, advised SPC.
Trash-Spill Landside	08/31/07	16:55 HPD Dispatcher called to report the trash cans T1 Curbside needed to be emptied. SPC notified.
IPM	09/07/07	12:25 JR/B6 called to report a gnat bug problem in their break room. MX notified.
Trash-Spill Airside	09/07/07	09:25 Contacted AA Ops that AA trash cart on AOA at Gate 25 needs to be emptied or covered at all times.
Trash-Spill Airside	09/10/07	10:29 US called to report vomit in jetway 34. Notified SPC.
Trash-Spill Airside	09/10/07	07:40 Contacted Allied Waste in reference to a broken cycle switch on the Host dumpsters between T2E and T2W. Advised that he would dispatch a mechanic.
Trash-Spill Airside	09/10/07	10:36 US called again to report that the vomit has not been cleaned up yet and that they are ready to board the aircraft. Notified SPC and WT.
Trash-Spill Landside	09/10/07	09:27 Spill curbside T2E across from the flagpole. Notified SPC.
Sewage	09/12/07	22:30 Notified by GAT of a lavatory spill at gate 35. Lavatory truck had a malfunctioning valve and spilt entire load on ramp. Ocean Blue notified for clean-up. Environmental advised of situation. 23:10 Ocean Blue on site.
IPM	09/13/07	08:30 Escorted maintenance conducting weed spraying within the ovals. Completed all mvoement area ovals south fo the runway and north of the runway from taxiways C4 to C2. 10:45 Weed spraying completed.
IPM	09/16/07	07:34 TSA reports there are rats in the bag screening area under checkpoint 6. Notified MX.
Petroleum-Spill Landside	09/16/07	07:51 ATO reports a National Rent-A-Car bus is leaking fuel on the transportation islands. Notified MX.

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Subject/Topic	**Date**	**Log Entry Synopsis**
Trash-Spill Airside	09/17/07	10:45 Escorted Pacific Waste rep on the AOA to advise him where to place the extra dumpsters for the end of summer clean-up event. 11:15 Pacific Waste finished.
Trash-Spill Airside	09/18/07	03:50 Left a message for Allied Waste regarding the compactor at T1. The compactor has power but is not cycling.
Petroleum-Spill Airside	09/29/07	16:16 Delta reports a spill at Gate 39. SPC was notified.
Trash-Spill Landside	10/02/07	13:20 ATO called to report a taxi cab leaked fluid curbside by United. Notified Maintenance.
Trash-Spill Airside	10/03/07	09:32 Left voicemail with AA Ops, two trash carts between gates 25 and 27 uncovered. Advised trash required to be emptied or covered.
Petroleum-Spill Airside	10/06/07	07:53 WN reports the compactor is leaking oil or transmission fluid. Contacted MX and Allied Waste.
Trash-Spill Airside	10/06/07	11:50 CO reports there are dog feces near gate 33. Notified SPC.
Trash-Spill Airside	10/14/07	08:56 Contacted DL Ops, 2 DL cabin cleaning trucks with trash need to be emptied. 09:17 Contacted DL Ops, second call on trash.
Trash-Spill Airside	10/14/07	09:00 Left voicemail for AA Ops, trash cart on AOA at gate 25 needs to be covered or emptied. 09:20 Requested AA to cover or empty trash.
Petroleum-Spill Airside	10/15/07	20:57 SPC advised the T1 Trash Compactor was leaking hydraulic fluid. MX was notified. 21:02 Contacted Allied Waste for emergency repair to T1 trash compactor. The compactor is leaking hydraulic fluid. Maintenance mechanic en route.
Trash-Spill Airside	10/22/07	08:25 Maintenance called to advise the trash compactor in T2W loading dock is OTS. Notified Allied Waste.
Trash-Spill Landside	10/22/07	08:40 Allied Waste called to report that the drain under the compactor in T2W loading dock is stopped up. Notified Maintenance.
Sewage-Triturator	10/30/07	21:06 Express Jet reports the hose is broken for the triturator. Notified Plumber 2.
Trash-Spill Landside	10/31/07	14:24 Contacted Ocean Blue for clean up curbside in front of CT. ATO's advised.
Trash-Spill Airside	11/01/07	09:50 ELS called to report the area under gates 23/25 by AA Ops is filthy and needs to be cleaned. Zebra 3 en route, Environmental en route. 10:10 Per Environmental, SPC will power wash the area this evening.
Trash-Spill Airside	11/03/07	07:44 Contacted DL Ops to have trash bags at bottom of stairs between gates 37 and 38 removed.
Trash-Spill Landside	11/05/07	08:34 Received a call of a broken sprinkler near the old Red Bus stop in T2E. Notified Maintenance.
Petroleum-Spill Airside	11/06/07	22:37 HPD reported that a fuel spill occurred at G14 from ASIG Fuel Truck #4971. Less than 5 gal were spilled onto the ground and no storm drains affected. A fuel hose broke and buckets were deployed to catch leaking fuel until ASIG MX arrived.
Trash-Spill Airside	11/07/07	09:40 HMS Host called to report that the recycle compactor is not working in T2W. Requested maintenance check. 09:48 The compactor is not working. Notified Allied Waste.
IPM	11/09/07	02:30 MX is weed spraying on taxiway B in the ovals.
Sewage-Triturator	11/09/07	23:45 WN called to report that the triturator is broken. MX units will try to repair it. MX was unable to repair it so the alternate dump was opened for the tenants to use.
Trash-Spill Airside	11/10/07	09:50 Requested AA Crew Chief to cover AA trash cart near Gate 25 and ensure it remains covered.
Sewage-Triturator	11/11/07	22:40 Received a call that the triturator water hose broke. Notified MX. 23:30 MX fixes water hose.
Trash-Spill Landside	11/14/07	11:35 ATO reports there is antifreeze in the street under the sky bridge in T2E. Notified MX.
Trash-Spill Airside	11/15/07	07:01 SPC reports the trash compactor in T1 is full. Contacted Allied Waste and was advised they are en route.
Trash-Spill Airside	11/18/07	08:03 Contacted DL Ops to have trash under Gate 40 removed.
IPM	11/20/07	08:30 Maintenance escorting Aztec crew to remove weeds from within the Least Tern ovals. 14:20 Weed removal completed for the day within the Least Tern ovals.
Petroleum-Spill Landside	11/20/07	10:50 T1 ATO reports a hydraulic spill in the street, curbside UA. MX was notified.
IPM	11/21/07	07:30 Maintenance 8 and Aztec personnel removing weeds within the Least Tern ovals.
Trash-Spill Airside	11/26/07	10:30 Additional dumpster placed at CT blast fence to deal with excess material from the dumpster next to it. Maintenance notified.
Petroleum-Spill Airside	11/27/07	15:45 Jimsair fuel truck No. 71006 on Jimsair line observed leaking fuel from front house coupling; Jimsair MX personnel on site performing maintenance; approx. 1 gal spilled and bermed with quicksorb by Jimsair personnel; no storm drains affected.
Petroleum-Spill Airside	11/28/07	16:25 AA MD-80 on Gate 23 with Skydrol leak from blown left main anti-skid manifold; approx. 1 gal of Skydrol spilled on ramp; AA mechanics on scene and contained immediately with quicksorb; no storm drains in vicinity; AA conducting cleanup.

Log of IDDE Reports to SDIA 24-hour Telephone Fiscal Year 2007-2008		
Subject/Topic	**Date**	**Log Entry Synopsis**
Trash-Spill Airside	11/30/07	07:46 Left voicemail for AA Ops to have AA trash cart ramp side, gate 25 emptied or covered.
Trash-Spill Airside	12/02/07	12:50 Terminal 1 compactor currently OTS awaiting repairs. Advised tenants to utilize the T2 compactor until Allied Waste can complete repairs later this afternoon. 14:20 Terminal 1 dumpster returned to service.
Trash-Spill Airside	12/02/07	06:54 SPC reports that both trash compactors are OTS. Contacted Allied Waste.
Petroleum-Spill Airside	12/03/07	22:40 Received a call from ASIG that two fuel trucks hit each other at Gate 22 and a large amount of fuel is leaking from one of the trucks. Z2 and Z3 en-route to Gate 22. Ocean Blue was notified and a voicemail was left for DAO and Environmental.
IPM	12/04/07	13:33 Pacific Rim reproted a large active beehive located at T1 roof/West Rotunda behind 2 green transformers. Contacted Maintenance.
Petroleum-Spill Airside	12/04/07	14:15 Small puddle of hydraulic fluid from XE belt loader leak still remains on the west end of the CT ramp; advised XE Ops to have personnel clean up; no drains in the area; issued 2nd reminder at 15:15.
Trash-Spill Airside	12/07/07	10:24 Contacted AA CC office and advised AA trash cart on ramp at Gate 25 needs to be emptied or covered due to IAW rules and regulations.
Trash-Spill Airside	12/09/07	08:30 Requested US Ops to have US/HP trash cart near Gate 33 emptied or covered due to IAW Rules and Regulations. Seagulls in the area.
Trash-Spill Landside	12/10/07	09:45 Ground Transportation informed AirOps that T1 Taxi Island trash cans are overflowing. Contacted SPC T1.
Sewage-Triturator	12/21/07	00:45 Report from GAT. Plumber notified and will reset the alarm. They will try to repair in the morning.
Trash-Spill Airside	12/21/07	08:43 WN reported that the dumpster is full. Advised Zebra 2.
Trash-Spill Airside	12/26/07	09:45 HMS Host called to report that the trash compactor is not working in T2W. Notified Allied Waste.
Trash-Spill Airside	12/26/07	10:25 HMS Host called to report that the trash compactor by Gate 22 is full. Notified Allied Waste.
Sewage-Triturator	01/03/08	07:45 American Eagle called to report a clog in the hose at the lavatory dump. Notified Maintenance.
Trash-Spill Airside	01/03/08	07:35 Southwest called to report that the compactor is full at Terminal 1. Notified Allied Waste and was advised it is on the schedule for this morning.
Petroleum-Spill Airside	01/10/08	18:38 ASIG reports a fuel spill of approx. 3 to 5 gallons at the Capital Air Cargo ramp. During fueling operations on a Capital Air Cargo B727 (N801EA) a malfunction occurred with the fuel gauge. Fuel had been contained; no storm drains affected.
Sewage	01/13/08	02:30 Lavatory spill at backup triturator site. Approx. 10 ft x 20 ft. Contacted Ocean Blue; will send a crew out for cleanup. E-mailed Environmental. 04:00 Ocean Blue on site.
Petroleum-Spill Airside	01/18/08	20:20 Contacted by Jimsair Ramp Supervisor regarding a large fuel spill on Jimsair ramp. Jimsair personnel have already begun cleanup. Zebra 2 enroute.
Petroleum-Spill Landside	01/18/08	09:20 Environmental called to advise of a fuel spill between Terminal 1 and 2 from a Hertz vehicle. Zebra 3 contacted maintenance. Ocean Blue notified.
Petroleum-Spill Landside	01/23/08	11:30 ATO called to report a fluid spill at the Terminal 2 taxi island. Notified Maintenance.
Sewage-Triturator	01/24/08	13:00 Received a call that the alarm is going off at the triturator. Notified Maintenance.
Trash-Spill Airside	01/30/08	07:43 Electrician notified that the hoses on the trash compactors near SWA were disconnected. Contacted Allied Waste about the problem, dispatcher indicated driver will come out to troubleshoot problem.
Petroleum-Spill Airside	01/31/08	09:30 Observed 5 gallon hydraulic fluid spill NW of Capital Cargo B-727 on Delta overflow. IAS cleaning spill. No storm drains impacted.
IPM	02/01/08	09:15 SOC called to report that the birds are in the trash at the GS-1 gate. Notified Maintenance.
Petroleum-Spill Airside	02/07/08	17:45 Notified by ASIG of a fuel spill at the Capital Air Cargo ramp.
Petroleum-Spill Airside	02/07/08	07:00 Per Maintenance, the light tower on the ramp by United Air Freight has a fuel leak. 3 to 4 gallons are on the ramp. Maintenance retrieving absorbent. Zebra 2 aware and en route. Left message with Environmental.
Petroleum-Spill Airside	02/07/08	17:48 Zebra 2 on site. ASIG when fueling a Capital Air Cargo B727 had experienced a fuel spill of approx. 3 gallons. A faulty fuel gauge indicator on the aircraft failed to depict that the left wing fuel tank was full. No storm drains were affected.

Log of IDDE Reports to SDIA 24-hour Telephone Fiscal Year 2007-2008		
Subject/Topic	**Date**	**Log Entry Synopsis**
Petroleum-Spill Airside	02/08/08	07:31 Observed fuel spill from LT and RT main wing tanks from Beech C-90 N214P on Charlie overflow. Fuel quantity estimated at 2-3 gallons per side, total 5-8 gallons. Storm drains not impacted and spills contained by quiksorb.
Petroleum-Spill Airside	02/08/08	11:30 Oil spill at the lead-in line for Gate 29. Notified Zebra 2.
Sewage	02/18/08	07:39 Zebras 2 & 3 are on site in the gates 3 & 5 area due to a report that there is raw sewage on the ramp. 07:40 Per Z3, left a message for Environmental. He will contact Ocean Blue. 07:49 DLO briefed. 08:00 Ocean Blue en route. 08:02 Left message for DAO. 08:05 Transferred DLO to Z3. 08:18 Z3 advised that Ocean Blue and Plumber are on site. WN is switching gates and this issue has not affected any flights at this point. 08:52 Zebra 3 advised that the plumber has fixed the plumbing. Ocean Blue has a truck to suction the water and SPC is cleaning the area. 08:34 Z3 left message for MPR. 10:13 Z2 advised that Ocean Blue should have scrubber in 10 minutes.
Trash-Spill Airside	02/18/08	11:05 WN reports that the recycle compactor appears to be jammed. MX advised.
IPM	02/19/08	10:00 Escorted Maintenance six and nine onto the AOA for weed spraying. Areas included the oval between B1 and taxiway D, all of the Least Terns ovals south of taxiway B and the area on the south side of the EMAS. 11:15 Maintenance done.
Trash-Spill Airside	02/19/08	22:40 Retrieved FOD behind Gate 38 per ATCT request.
Petroleum-Spill Airside	02/21/08	20:58 Z2 onsite. ASIG fuel truck #57 while fueling CO B737 at Gate 36 experienced an accidental fuel leak from the truck's overwing nozzle. Approx. 5-7 gal. spilled onto the ground. Berms in place. No storm drains affected.
Petroleum-Spill Airside	02/24/08	22:20 HPD reports a fuel spill west of Gate 41. Z2 and MX en route. ASIG was training new employee had who had forgotten to close the side cap prior to fuel truck leaving Gate 41. Approx 5 gal of Jet A spilled. No storm drains affected.
Trash-Spill Landside	02/25/08	08:12 MX reports the trash cans are overflowing on the parking lot side of the T1 sky bridge. Contacted SPC.
Trash-Spill Landside	02/25/08	08:29 LPI reports trash is blowing all over from the trash cans. Attempted to contact T1 coach; contacted T2 coach. Attempted to call T1 and advised that the trash ahd not been cleaned.
Trash-Spill Landside	03/02/08	11:10 ATO reported broken glass T2 bag curbside. Contacted T2 SPC coach and requested a clean up.
Sewage	03/03/08	06:45 Contacted Ocean Blue for a small lavatory cart/truck spill on the VSR behind the blast fence at taxiway B1 and on the VSR west adjacent the old Teledyne Ryan taxiway.
Unauthorized Discharge	03/06/08	01:40 Jetwash was washing AQ at Gate 19 when excessive water was noticed going down the drain. They started wiping the water away into the vacuum. The small water pressure pump was to be taken OTS for leaking during operation. Environmental emailed.
Petroleum-Spill Airside	03/07/08	16:16 AA reports a 15 gallon fuel spill at Gate 23. Zebra 2 was notified. 16:26 Z2 advised the fuel spill did not affect any storm drains and AA personnel were cleaning up the spill, which occurred during defueling of aircraft.
Sewage	03/07/08	20:45 CO Ramp Supervisor report a lavatory spill at Gate 35. Zebra 2 was notified. 21:05 Z2 advised no storm drains were affected by lav spill, which was approx. 10 gallons. Ocean Blue contacted and will arrive in 45 minutes.
IPM	03/12/08	08:30 Escorted weed sprayers along EMAS and along south side of taxiway Bravo from taxiway D to B-3.
IPM	03/12/08	11:00 Weed spraying was also conducted in the fenced area of Oval 3 South.
Petroleum-Spill Airside	03/12/08	17:25 Responded to Gate 18 for an ASA B734 fuel spill. Approx. 25 gallons spilled out of the overflow valve on the left wing. ASIG fueler had left prior to spill being reported. No storm drains were affected. Notified Environmental.
Trash-Spill Airside	03/20/08	12:55 Jetblue reported debris along the ramp area by carousel 5 & 6 in front of the conveyors. Trash has blocked the walkways. US Airways and Frontier will help to clean up the area.
Sewage	03/24/08	22:28 WN reported water sewer was coming out of a sewer cover located on the ramp at gate 3. Plumber 2 notified and responding. 22:55 Ocean Blue and DAO contacted. 23:55 Ocean Blue on site and will also clean up employee restrooms in T1 rotunda.
IPM	03/26/08	07:00 Maintenance 8 and Aztec work on cutting weeds in the Least Tern areas.
Trash-Spill Airside	03/29/08	06:50 Contacted Waste Management regarding the T1 dumpster which was full. Advised WN to use the AA dumpster until the WM had cycled the one at T1.
Trash-Spill Landside	03/31/08	11:00 LPI reports the trash can is overflowing on the CT transportation island. Left message for SPC.

Log of IDDE Reports to SDIA 24-hour Telephone Fiscal Year 2007-2008		
Subject/Topic	**Date**	**Log Entry Synopsis**
IPM	04/01/08	10:00 Conducted weed spraying in the ovals next to Teledyne Ryan and West side of taxiway Delta South of taxiway B.
IPM	04/08/08	07:15 ARFF called to report that they have rats and that the Captains shower is leaking through the walls andx creating a mold issue. Notified Maintenance 1.
Sewage	04/09/08	22:02 WN Ramp Supv. and SPC called to report that the MRR is backing up again and is dumping lavatory material onto the ramp by G3. Plumber, MX and Z3 en route. 22:07 Ocean Blue is en route. 22:15 Left a message with Environmental. 22:15 A clogged sewer pipe has caused water to backup in the MRR, WRR and HOST storage area under Gate 6. Water is also seeping through the clear out drain by Gate 3. 22:20 Plumber 2 begins snaking sewer pipe. 23:20 Snaking complete. Water receded.
IPM	04/12/08	10:30 UA reports there is a swarm of bees ramp side Gates 11-15. Notified Maintenance.
Trash-Spill Landside	04/12/08	09:57 NW reports that someone has vomited in the curbside check-in area. Notified SPC. 12:30 The bees at Gate 13 have finally stopped swarming and a pest control company will be here within the hour.
Trash-Spill Landside	04/12/08	10:34 FL reports that someone has vomited curbside their check-in area. Notified SPC.
Trash-Spill Airside	04/13/08	10:30 Observed B6 trash on AOA by Gate 38. Contacted DL Ops to notify GAT and have trash removed. 11:00 Trash still on AOA. Contacted DL Ops again. Trash removed.
Trash-Spill Airside	04/13/08	10:20 Observed trash on AOA at Gate 25. Contacted VX Ops to have trash removed. 11:00 Trash still on AOA. Contacted VX Ops to have trash removed.
Trash-Spill Airside	04/18/08	09:24 Contacted AA Ops to have AA trash cart on AOA at Gate 25 covered or emptied. 09:52 Observed cart being covered.
Trash-Spill Airside	04/18/08	09:23 Contacted VX Ops to remove VX trash on AOA at Gate 25.
IPM	04/22/08	09:00 USO called to report a dead rat outside the double doors on the east side of the building. Notified Maintenance.
Trash-Spill Airside	04/29/08	07:15 ATCT reports FOD on taxiway Bravo abeam B6. Z2 retrieves knee pad.
Trash-Spill Airside	04/29/08	06:45 SOC called to report a spill by Gate 34. Notified SPC.
Trash-Spill Airside	04/30/08	12:00 ATCT reports FOD on runway 27 at taxiway B6. FOD removed and ATCT notified.
Trash-Spill Landside	05/03/08	07:11 MX reports that there is trash outside the doors of the T1 food court and the seagulls are tearing the bags up. Zebra 2 will handle. 07:15 HMS to have trash cleaned up and trash containers covered. Trash cleaned/containers covered.
Petroleum-Spill Airside	05/06/08	16:45 During inspection observed a 5 gal oil spill at B-1. No storm drains involved. The scrubber was used to clean the area.
Trash-Spill Landside	05/06/08	16:28 ATO reports the trash cans are overflowing on the T2 transportation island. Notified SPC.
Trash-Spill Landside	05/07/08	10:45 ATO called to report an Alamo Shuttle van has broken down in front of the Commuter Terminal and is leaking coolant. Notified Maintenance. 11:15 Absorbent put on leak.
Petroleum-Spill Airside	05/10/08	12:22 XE reported a fluid leak from a belt loader spot 5 on CT ramp. Directed they clean up fluid.
Petroleum-Spill Airside	05/13/08	09:55 ASIG fueler was fueling CO B737 at Gate 36 when it overfilled the left wing resulting in approx. 5 gal. of Jet A on the ramp. No drains were affected. 10:20 The spill was cleaned up with dry absorb and an absorbent roller.
Petroleum-Spill Airside	05/19/08	10:40 Environmental called to report a hydraulic spill about 3 feet across under jetbridge 21. Notified Maintenance.
Sewage	05/27/08	11:50 Terminal inspection completed. Gate 3 port-o-potty overflowed onto the ramp. Term. Coord. are handling with APC to empty tonight since it didn't get serviced on Friday night. DLO was also advised.
IPM	06/10/08	07:00 MX and Aztec Landscape are removing weeds and trash along the perimiter fence near ILS critical area.
Petroleum-Spill Airside	06/25/08	21:25 ASIG Fueler dropped the fuel hose. 5 gallons dripped out onto FedEx ramp. Area was cleaned with absorbent. No storm drains effected. Police responded and generated report. Left message for Environmental.
Trash-Spill Landside	06/25/08	13:50 ATO called to request Flagship swee up some broken glass and plastic curbside in front of the Commuter Terminal. Notified Flagship.
Trash-Spill Landside	06/28/08	11:33 HPD reported trash can fire, T2W bag claim, curbside. Contacted Maintenance 1 and requested overhaul and cleanup.

Appendix B

2008 Dry Weather Monitoring Field Data Sheets, Trash Assessment Forms and Lab Reports

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB01-1	**Latitude**	32.7318	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet inside zipper line, south of Jim's Air, north of runway 9/27	**Longitude**	-117.1744		**Hydrologic Area**	908.2
Date	05/08/2008	**TB Page**	1288 H1		**Hydrologic Subarea** (Optional)	
Time	09:13	**Observer**	AH,KG,LM		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny ☐ Partly Cloudy X Overcast ☐ Fog

Tide ☐ N/A ☐ Low X Incoming ☐ High ☐ Outgoing **Tide Height:-1.4** ft.

Last Rain ☐ > 72 hours X < 72 hours

Rainfall ☐ None X < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	☐ None	☐ Yellow	X Brown	☐ White	☐ Gray	☐ Other _____
Clarity	☐ Clear		X Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	X None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes **X** No X Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo # 156 & 157**

Field Screening Samples Collected? X Yes ☐ No

Water Temp (°C)	19.1	**NH3-N** (mg/L)	**5**	**NO3-N** (mg/L)	1.75	**React PO4** (mg/L)	**.4**
pH (pH units)	6.3	**TURB** (NTU)	**23**	**COND** (mS/cm)	0.792	**MBAS** (mg/L)	**3 +**

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? **X Yes** ☐ **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: -Phosphate test kit had a green hue instead of blue (due to the brown color of the water). Samples were collected for laboratory analysis. Pooled water is in catch basin with a drop invert (see photo). No evidence of overland flow during investigation. Water has likely been sitting in catch basin for a long time. >1 week. pH, ammonia and MBAS exceeded field screening action levels.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☐ **Routine Investigation** X **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	C-B01-1	**Latitude**	32.7318	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet inside zipper line, south of Jim's Air, north of runway 9/27	**Longitude**	-117.1744		**Hydrologic Area**	908.2
Date	6/4/08	**TB Page**			**Hydrologic Subarea** (Optional)	
Time	10:43	**Observer**	GT		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only) ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%) ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only) ☐ Manhole X Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny ☐ Partly Cloudy X Overcast ☐ Fog

Tide X N/A ☐ Low ☐ Incoming ☐ High ☐ Outgoing **Tide Height:**_____ft.

Last Rain X > 72 hours ☐ < 72 hours

Rainfall X None ☐ < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	☐ None	X Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes **X** No X Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo # 1**_____

Field Screening Samples Collected? **X** Yes ☐ No

Water Temp (°C)	19.7	**NH3-N** (mg/L)	0.3	**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)	6.01	**TURB** (NTU)		**COND** (mS/cm)	2.69	**MBAS** (mg/L)	0.35

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? **X Yes** ☐ **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: **No unusual activity observed at this site. Only pH exceeded the field screening action level.**

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB03-2	**Latitude**	32.72863	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet inside zipper line, south of runway9/27, directly south of B1-D sign	**Longitude**	-117.17840		**Hydrologic Area**	908.2
Date	05/08/2008	**TB Page**	1288 J1		**Hydrologic Subarea** (Optional)	908.21
Time	10:00	**Observer**	AH,KG,LM		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny ☐ Partly Cloudy X Overcast ☐ Fog

Tide ☐ N/A ☐ Low X Incoming ☐ High ☐ Outgoing **Tide Height:-1.4**_____ft.

Last Rain ☐ > 72 hours X < 72 hours

Rainfall ☐ None X < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other	
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other	
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other	
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other	
Deposits	X None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other	
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other	
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other	

Flow Observed ☐Yes ☐ No X Ponded X Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo # 158 & 159**

Field Screening Samples Collected? ☐ Yes X No

Water Temp (°C)	18.6	**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)	6.9	**TURB** (NTU)		**COND (**mS/cm)	21.4	**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: High Conductivity indicates seawater._____

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB05-3	**Latitude**	32.73389	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet in rental car storage area	**Longitude**	-117.18294		**Hydrologic Area**	908.2
Date	05/08/2008	**TB Page**	1268 H7		**Hydrologic Subarea** (Optional)	908.21
Time	08:08	**Observer**	AH,KG,LM		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny ☐ Partly Cloudy X Overcast ☐ Fog

Tide ☐ N/A ☐ Low X Incoming ☐ High ☐ Outgoing **Tide Height:-1.4** ft.

Last Rain ☐ > 72 hours X < 72 hours

Rainfall ☐ None X < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other	
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other	
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other	
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other	
Deposits	X None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other	
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other	
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other	

Flow Observed ☐Yes **X** No X Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? X Yes ☐ No ☐ Irrigation Runoff X Other: Watering truck used in the area for dust control

Photo Taken **X** Yes ☐ No **Photo # 154 & 155**

Field Screening Samples Collected? X Yes ☐ No

Water Temp (°C)	17.4	**NH3-N** (mg/L)	**0.02**	**NO3-N** (mg/L)	2	**React PO4** (mg/L)	**0.35**
pH (pH units)	7.3	**TURB** (NTU)	**5.2**	**COND** (mS/cm)	0.859	**MBAS** (mg/L)	**0.625**

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		Sec
Flow		Gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: No Flow and sample did not reach action levels. Catch basin has a drop culvert and water from the water truck collects there but does not flow out.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB05-4	**Latitude**	32.73063	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet outside of zipper line, south of runway 9/27, north of generator yard	**Longitude**	-117.18298		**Hydrologic Area**	908.2
Date	05/08/2008	**TB Page**	1288G1		**Hydrologic Subarea** (Optional)	908.21
Time	10:20	**Observer**	AH,KG,LM		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny ☐ Partly Cloudy X Overcast ☐ Fog

Tide ☐ N/A ☐ Low X Incoming ☐ High ☐ Outgoing **Tide Height:-1.4**_____ft.

Last Rain ☐ > 72 hours X < 72 hours

Rainfall ☐ None X < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	X None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes ☐ No X Ponded X Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo # 160**_____

Field Screening Samples Collected? ☐ Yes X No

Water Temp (°C)	18.3	**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)	7.06	**TURB** (NTU)		**COND** (mS/cm)	26.2	**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: High Conductivity indicates seawater_____

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB06-5	**Latitude**	32.73581	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet southeast of control tower	**Longitude**	-117.18632		**Hydrologic Area**	908.2
Date	05/08/2008	**TB Page**	1268 G7		**Hydrologic Subarea** (Optional)	908.21
Time	07:58	**Observer**	AH,KG,LM		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	☐ Partly Cloudy	X Overcast	☐ Fog		
Tide	☐ N/A	☐ Low	X Incoming	☐ High	☐ Outgoing	**Tide Height:-1.4** ft.
Last Rain	☐ > 72 hours	X < 72 hours				
Rainfall	☐ None	X < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo # 151 & 152**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Dry, no water, no sample.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB07-6	**Latitude**	32.73083	**Watershed**	**Hydrologic Unit**	908
Location	Discharge of Oil Water Separator at South end of ASIG, near wash rack	**Longitude**	-117.19304		**Hydrologic Area**	908.2
Date	05/08/2008	**TB Page**	1288 F1		**Hydrologic Subarea** (Optional)	908.21
Time	07:16	**Observer**	AH,KG,LM		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only) ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%) ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only) ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny ☐ Partly Cloudy X Overcast ☐ Fog

Tide ☐ N/A ☐ Low X Incoming ☐ High ☐ Outgoing **Tide Height:-1.4** ft.

Last Rain ☐ > 72 hours X < 72 hours

Rainfall ☐ None X < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	☐ None	☐ Trash	☐ Bubbles/Foam	X Sheen	☐ Fecal Matter	☐ Other
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes ☐ No **X** Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo # 145-147**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Not enough water to sample.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB07-7	**Latitude**	32.72998	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet south of cargo area in the West Wing parking lot.	**Longitude**	-117.19387		**Hydrologic Area**	908.2
Date	05/08/2008	**TB Page**	1288 F1		**Hydrologic Subarea** (Optional)	908.21
Time	06:30	**Observer**	AH,KG,LM		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	☐ Partly Cloudy	X Overcast	☐ Fog		
Tide	☐ N/A	☐ Low	X Incoming	☐ High	☐ Outgoing	**Tide Height:-1.4** ft.
Last Rain	☐ > 72 hours	X < 72 hours				
Rainfall	☐ None	X < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		X Other _____
Floatables	☐ None	X Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo # 140 & 141**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND** (mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: No water present in catch basin, some present in sampling device.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB08-8	**Latitude**	32.7318	**Watershed**	**Hydrologic Unit**	908
Location	Grate at end of trench drains near Southwest Airlines Gate 8	**Longitude**	-117.19582		**Hydrologic Area**	908.2
Date	05/08/2008	**TB Page**	1288 F1		**Hydrologic Subarea** (Optional)	908.21
Time	10:35	**Observer**	AH,KG,LM		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny ☐ Partly Cloudy X Overcast ☐ Fog

Tide ☐ N/A ☐ Low X Incoming ☐ High ☐ Outgoing **Tide Height:__-1.4____**ft.

Last Rain ☐ > 72 hours X < 72 hours

Rainfall ☐ None X < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	☐ None	X Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	☐ Clear		X Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	☐ None	X Trash	☐ Bubbles/Foam	X Sheen	☐ Fecal Matter	☐ Other
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes **X** No X Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo # 161**_____

Field Screening Samples Collected? X Yes ☐ No

Water Temp (°C)	19.7	**NH3-N** (mg/L)	**3**	**NO3-N** (mg/L)	0.25	**React PO4** (mg/L)	**0.4**
pH (pH units)	7.56	**TURB** (NTU)	**55**	**COND** (mS/cm)	2.54	**MBAS** (mg/L)	**3 +**

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? **X Yes** ☐ **N**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Slit trenches were scheduled to be cleaned out earlier in the week. No clear evidence of overland flow. Site investigation conducted and field crew concluded that the pooled water is probably from potable water filling of aircraft and residual moisture from dew. MBAS and ammonia exceeded the field screening action levels.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☐ **Routine Investigation** X **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	C-B08-8	**Latitude**	32.7318	**Watershed**	**Hydrologic Unit**	908
Location	Grate at end of trench drains near Southwest Airlines Gate 8	**Longitude**	-117.19582		**Hydrologic Area**	908.2
Date	6/3/08	**TB Page**			**Hydrologic Subarea** (Optional)	908.21
Time	12:40	**Observer**	GT, AH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only) ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%) ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only) ☐ Manhole X Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather X Sunny ☐ Partly Cloudy ☐ Overcast ☐ Fog

Tide X N/A ☐ Low ☐ Incoming ☐ High ☐ Outgoing **Tide Height:**_____ft.

Last Rain X > 72 hours ☐ < 72 hours

Rainfall X None ☐ < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	☐ None	X Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	☐ Clear		X Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	☐ None	X Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes **X** No X Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo # 1**_____

Field Screening Samples Collected? **X** Yes ☐ No

Water Temp (°C)	21.4	**NH3-N** (mg/L)	4	**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)	5.95	**TURB** (NTU)		**COND** (mS/cm)	6.09	**MBAS** (mg/L)	0.85

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? **X Yes** ☐ **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: **Litter has accumulated in the slit trench on the SW side of the sample site. Going E from the sampling site, ponds of standing water were larger than those along the SW side. There was a truck emptying a plane of bathroom waste at the time of sampling but there was no evidence of illicit discharge and no signs of leaking from any connections. Ammonia, conductivity and pH exceeded the field screening action levels.**

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB12-9	**Latitude**	32.7351	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet northwest of terminal 2 west	**Longitude**	-117.2044		**Hydrologic Area**	908.2
Date	05/08/2008	**TB Page**	1268 E7		**Hydrologic Subarea** (Optional)	908.21
Time	07:30	**Observer**	AH,KG,LM		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	☐ Partly Cloudy	X Overcast	☐ Fog		
Tide	☐ N/A	☐ Low	X Incoming	☐ High	☐ Outgoing	**Tide Height:-1.4** ft.
Last Rain	☐ > 72 hours	X < 72 hours				
Rainfall	☐ None	X < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other	
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other	
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other	**NA**
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other	
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other	
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other	
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other	

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo # 150**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Dry, no water, no sample

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB09-10	**Latitude**	32.7301	**Watershed**	**Hydrologic Unit**	908
Location	Curb inlet on Terminal 2 parking entry road	**Longitude**	-117.1999		**Hydrologic Area**	908.2
Date	05/08/2008	**TB Page**	1299 FI		**Hydrologic Subarea** (Optional)	908.21
Time	06:54	**Observer**	AH,KG,LM		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only)	☐ Residential	☐ Commercial	X Industrial	☐ Agricultural	☐ Parks	☐ Open
Land Use (Secondary) (Optional, greater than 10%)	☐ Residential	☐ Commercial	☐ Industrial	☐ Agricultural	☐ Parks	☐ Open
Conveyance (Check one only)	☐ Manhole	☒ Catch Basin	☐ Outlet	☐ Concrete Channel	☐ Natural Creek	☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	☐ Partly Cloudy	X Overcast	☐ Fog		
Tide	☐ N/A	☐ Low	X Incoming	☐ High	☐ Outgoing	**Tide Height:-1.4** ft.
Last Rain	☐ > 72 hours	X < 72 hours				
Rainfall	☐ None	X < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other	
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other	
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other	**N/A**
Floatables	☐ None	X Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other	
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other	
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other	
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other	

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No X Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo # 143 & 144**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: No flow, residual moisture from landscape runoff, not enough water to field screen.

Draft Trash Assessment Form

SITE ID: CB01-1 **DATE:** 5/8/08

LOCATION: Near DHL / Jimsair **TIME:** 9:13

OBSERVER: KG, AH, LM

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L X W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ **MS4** ☐ **RECEIVING WATER** ☐ **BOTH**	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB03-2 **DATE:** 5/8/08

LOCATION: End of blast fence, SE end of runway. **TIME:** 10:00

OBSERVER: AH KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L X W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ **MS4** ☐ **RECEIVING WATER** ☐ **BOTH**	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CR05-3 DATE: 5/8/08

LOCATION: Rental Car Storage Area TIME: 8:09

OBSERVER: AH/KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB05-4 **DATE:** 5/8/08

LOCATION: Runway generator area (nr. Teledyne Ryan). **TIME:** 10:20

OBSERVER: KG, AH, LM

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L X W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CR06-5 DATE: 8/8/08

LOCATION: Near Control Tower TIME: 7:58

OBSERVER: AH, KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE): no

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB07-6 **DATE:** 5/8/08

LOCATION: Near AJ1G **TIME:** 7:16

OBSERVER: KG, AH

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB07-7 **DATE:** 5/8/08

LOCATION: SD1A - Westwing lot **TIME:** 6:30

OBSERVER: KG, AH

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE): NA

ESTIMATED AREA OF ASSESSMENT L X W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ **MS4** ☐ **RECEIVING WATER** ☐ **BOTH**	
☐ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☒ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB08-8 DATE: 5/8/08

LOCATION: Southwest Gate 8 TIME: 1035

OBSERVER: ~~KG~~, AH, LM

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☐ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☑ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB 12-9 **DATE:** 5/8/08

LOCATION: NW of T2 West. **TIME:** 7:30

OBSERVER: KG, AH

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE): No

ESTIMATED AREA OF ASSESSMENT L X W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ **MS4** ☐ **RECEIVING WATER** ☐ **BOTH**	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB09-10 **DATE:** 5/8/08

LOCATION: T2 entry road/parking lot **TIME:** 6:54

OBSERVER: AH RG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L X W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☐ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☒ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

MACTEC Engineering & Consulting	Project:	San Diego Airport	
9177 Sky Park Court Suite A	Project Number:	[none]	**Reported:**
San Diego CA, 92123	Project Manager:	Amanda Archenhold	05/29/08 11:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CB08-8	0805146-01	Liquid	05/08/08 10:35	05/08/08 13:45
CB01-1	0805146-02	Liquid	05/08/08 09:13	05/08/08 13:45

CASE NARRATIVE

SAMPLE RECEIPT:	Samples were received intact, at 4 °C, and accompanied by chain of custody documentation.
PRESERVATION:	Samples requiring preservation were verified prior to sample preparation and analysis.
HOLDING TIMES:	All holding times were met, unless otherwise noted in the report with data qualifiers.
QA/QC CRITERIA:	All quality objective criteria were met, except as noted in the report with data qualifiers.

26052 MERIT CIRCLE SUITE 105, LAGUNA HILLS, CALIFORNIA 92653
TELEPHONE: (949) 348-9389 FAX: (949) 348-9115
E-MAIL: SIERRALABS @ SIERRALABS.NET

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	05/29/08 11:03

Microbiological Parameters by APHA Standard Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8 (0805146-01) Liquid	**Sampled: 05/08/08 10:35**	**Received: 05/08/08 13:45**							
Enterococcus	**1000**	200	MPN/100 mL	100	B8E0852	05/08/08	05/08/08 14:00	SM 9230B	
Fecal Coliforms	**1100**	200	"	"	"	"	"	SM 9221E	
Total Coliforms	**160000**	2000	"	1000	"	"	"	SM 9221B	
CB01-1 (0805146-02) Liquid	**Sampled: 05/08/08 09:13**	**Received: 05/08/08 13:45**							
Enterococcus	**600**	20	MPN/100 mL	10	B8E0852	05/08/08	05/08/08 14:00	SM 9230B	
Fecal Coliforms	**2500**	200	"	100	"	"	"	SM 9221E	
Total Coliforms	**9000**	200	"	"	"	"	"	SM 9221B	

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	05/29/08 11:03

Conventional Chemistry Parameters by APHA/EPA Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8 (0805146-01) Liquid Sampled: 05/08/08 10:35 Received: 05/08/08 13:45									
Total Hardness	**660**	0.400	mg/L	1	B8E1322	05/08/08	05/08/08 14:15	SM 2340 C	
Hexane Extractable Material (HEM)	**2.00**	2.00	"	"	"	"	"	EPA 1664	
CB01-1 (0805146-02) Liquid Sampled: 05/08/08 09:13 Received: 05/08/08 13:45									
Total Hardness	**217**	0.400	mg/L	1	B8E1322	05/08/08	05/08/08 14:15	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664	

MACTEC Engineering & Consulting	Project:	San Diego Airport	
9177 Sky Park Court Suite A	Project Number:	[none]	**Reported:**
San Diego CA, 92123	Project Manager:	Amanda Archenhold	05/29/08 11:03

Metals (Dissolved) by EPA 200 Series Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8 (0805146-01) Liquid	**Sampled: 05/08/08 10:35**	**Received: 05/08/08 13:45**							
Cadmium	**4.2**	4.0	µg/L	2	B8E1211	05/12/08	05/28/08 14:03	EPA 200.8	
Copper	**1000**	2.0	"	"	"	"	"	"	
Lead	ND	4.0	"	"	"	"	"	"	
Zinc	**350**	2.0	"	"	"	"	"	"	
CB01-1 (0805146-02) Liquid	**Sampled: 05/08/08 09:13**	**Received: 05/08/08 13:45**							
Cadmium	**6.9**	4.0	µg/L	2	B8E1211	05/12/08	05/28/08 14:07	EPA 200.8	
Copper	**730**	2.0	"	"	"	"	"	"	
Lead	ND	4.0	"	"	"	"	"	"	
Zinc	**850**	2.0	"	"	"	"	"	"	

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	05/29/08 11:03

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8E1322 - General Preparation										
Blank (B8E1322-BLK1)				Prepared & Analyzed: 05/08/08						
Hexane Extractable Material (HEM)	ND	2.00	mg/L							
Total Hardness	ND	0.400	"							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	05/29/08 11:03

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8E1211 - EPA 200 Series										
Blank (B8E1211-BLK1)				Prepared: 05/12/08 Analyzed: 05/28/08						
Cadmium	ND	4.0	µg/L							
Copper	ND	2.0	"							
Lead	ND	4.0	"							
Zinc	ND	2.0	"							
LCS (B8E1211-BS1)				Prepared: 05/12/08 Analyzed: 05/28/08						
Cadmium	108	4.0	µg/L	100		108	85-115			
Copper	100	2.0	"	100		100	85-115			
Lead	99.4	4.0	"	100		99.4	85-115			
Zinc	104	2.0	"	100		104	85-115			
Matrix Spike (B8E1211-MS1)	**Source: 0805140-01**			Prepared: 05/12/08 Analyzed: 05/28/08						
Cadmium	110	4.0	µg/L	100	ND	110	70-130			
Copper	99.8	2.0	"	100	3.5	96.3	70-130			
Lead	99.1	4.0	"	100	ND	99.1	70-130			
Zinc	151	2.0	"	100	53	98.0	70-130			
Matrix Spike Dup (B8E1211-MSD1)	**Source: 0805140-01**			Prepared: 05/12/08 Analyzed: 05/28/08						
Cadmium	111	4.0	µg/L	100	ND	111	70-130	0.905	20	
Copper	98.1	2.0	"	100	3.5	94.6	70-130	1.72	20	
Lead	98.9	4.0	"	100	ND	98.9	70-130	0.202	20	
Zinc	152	2.0	"	100	53	99.0	70-130	0.660	20	

MACTEC Engineering & Consulting	Project:	San Diego Airport	
9177 Sky Park Court Suite A	Project Number:	[none]	**Reported:**
San Diego CA, 92123	Project Manager:	Amanda Archenhold	05/29/08 11:03

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Report Date: Tuesday, May 20, 2008
Received Date: Friday, May 9, 2008
Received Time: 12:10 pm

Turnaround Time: Normal

Client: Sierra Analytical
26052 Merit Circle, Suite 105
Laguna Hills, CA 92653

Phone: (949) 348-9389
FAX: (949) 348-9115

Attn: Nick Forsyth

Project: 0805146

P.O.#:

Certificate of Analysis

Work Order No: 8050927-01 **Sample ID: CB08-8 (0805146-01)** **Matrix: Water**
Sampled by: Client **Sampled: 05/08/08 10:35** **Sample Note:**

Analyte	Result	Qualifier	Units	Reporting Limit	Dil	Method	Prepared	Analyzed	Batch
Molinate	**4.9**		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Dimethoate	ND		ug/l	0.20	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Prometon	ND		ug/l	0.20	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Simazine	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Atrazine	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Diazinon	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Metribuzin	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Alachlor	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Prometryn	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Bromacil	ND		ug/l	1.0	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Metolachlor	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Thiobencarb	ND		ug/l	0.20	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Butachlor	ND		ug/l	0.20	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Surrogate: 1,3-Dimethyl-2-NB	*113 %*			*73-136*			*05/13/08*	05/19/08 smr	*W8E0418*
Surrogate: Triphenyl phosphate	*125 %*			*71-150*			*05/13/08*	05/19/08 smr	*W8E0418*
Surrogate: Perylene-d12	*105 %*			*48-141*			*05/13/08*	05/19/08 smr	*W8E0418*

Work Order No: 8050927-02 **Sample ID: CB01-1 (0805146-02)** **Matrix: Water**
Sampled by: Client **Sampled: 05/08/08 09:13** **Sample Note:**

Analyte	Result	Qualifier	Units	Reporting Limit	Dil	Method	Prepared	Analyzed	Batch
Molinate	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Dimethoate	ND		ug/l	0.20	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Prometon	ND		ug/l	0.20	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Simazine	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Atrazine	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Diazinon	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Metribuzin	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Alachlor	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418

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Certificate of Analysis

Work Order No: 8050927-02 **Sample ID: CB01-1 (0805146-02)** **Matrix: Water**
Sampled by: Client **Sampled: 05/08/08 09:13** **Sample Note:**

Analyte	Result	Qualifier	Units	Reporting Limit	Dil	Method	Prepared	Analyzed	Batch
Prometryn	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Bromacil	ND		ug/l	1.0	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Metolachlor	ND		ug/l	0.10	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Thiobencarb	ND		ug/l	0.20	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Butachlor	ND		ug/l	0.20	1	EPA 525.2	05/13/08	05/19/08 smr	W8E0418
Surrogate: 1,3-Dimethyl-2-NB	*87 %*			*73-136*			*05/13/08*	05/19/08 smr	*W8E0418*
Surrogate: Triphenyl phosphate	*93 %*			*71-150*			*05/13/08*	05/19/08 smr	*W8E0418*
Surrogate: Perylene-d12	*78 %*			*48-141*			*05/13/08*	05/19/08 smr	*W8E0418*

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Weck Laboratories, Inc

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Batch W8E0418 - EPA 525.2									
Blank (W8E0418-BLK1)					Prepared: 05/13/08 Analyzed: 05/19/08				
Surrogate: 1,3-Dimethyl-2-NB		*5.35*		ug/l	*5.00*	*107*	*73-136*		
Surrogate: Triphenyl phosphate		*5.99*		ug/l	*5.00*	*120*	*71-150*		
Surrogate: Perylene-d12		*5.18*		ug/l	*5.00*	*104*	*48-141*		
Simazine		ND		ug/l					
Atrazine		ND		ug/l					
Thiobencarb		ND		ug/l					
LCS (W8E0418-BS1)					Prepared: 05/13/08 Analyzed: 05/19/08				
Surrogate: 1,3-Dimethyl-2-NB		*5.01*		ug/l	*5.00*	*100*	*73-136*		
Surrogate: Triphenyl phosphate		*6.14*		ug/l	*5.00*	*123*	*71-150*		
Surrogate: Perylene-d12		*5.68*		ug/l	*5.00*	*114*	*48-141*		
Molinate		5.60		ug/l	5.00	112	70-130		
Dimethoate		4.78		ug/l	5.00	96	11-180		
Prometon		3.58		ug/l	5.00	72	12-154		
Simazine		5.31		ug/l	5.00	106	53-131		
Atrazine		6.40		ug/l	5.00	128	70-130		
Diazinon		5.76		ug/l	5.00	115	51-128		
Metribuzin		4.84		ug/l	5.00	97	52-130		
Alachlor		5.32		ug/l	5.00	106	68-141		
Prometryn		4.04		ug/l	5.00	81	51-147		
Bromacil		4.97		ug/l	5.00	99	40-139		
Metolachlor		5.13		ug/l	5.00	103	64-149		
Thiobencarb		4.80		ug/l	5.00	96	70-132		
Butachlor		5.25		ug/l	5.00	105	60-154		
Matrix Spike (W8E0418-MS1)		**Source: 8050852-03**			Prepared: 05/13/08 Analyzed: 05/19/08				
Surrogate: 1,3-Dimethyl-2-NB		*4.98*		ug/l	*5.00*	*100*	*73-136*		
Surrogate: Triphenyl phosphate		*5.64*		ug/l	*5.00*	*113*	*71-150*		
Surrogate: Perylene-d12		*5.10*		ug/l	*5.00*	*102*	*48-141*		
Molinate	ND	5.76		ug/l	5.00	115	70-130		
Dimethoate	ND	5.72		ug/l	5.00	114	11-180		
Prometon	ND	4.43		ug/l	5.00	89	12-154		
Simazine	ND	5.60		ug/l	5.00	112	53-131		
Atrazine	ND	6.64	MS-01	ug/l	5.00	133	70-130		
Diazinon	ND	6.45	MS-01	ug/l	5.00	129	51-128		
Metribuzin	ND	4.97		ug/l	5.00	99	52-130		
Alachlor	ND	6.22		ug/l	5.00	124	68-141		
Prometryn	ND	4.52		ug/l	5.00	90	54-147		
Bromacil	ND	4.96		ug/l	5.00	99	40-139		
Metolachlor	ND	5.43		ug/l	5.00	109	64-149		
Thiobencarb	ND	5.12		ug/l	5.00	102	70-132		

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Batch W8E0418 - EPA 525.2									
Matrix Spike (W8E0418-MS1)		**Source: 8050852-03**			Prepared: 05/13/08 Analyzed: 05/19/08				
Butachlor	ND	5.66		ug/l	5.00	113	60-154		
Matrix Spike Dup (W8E0418-MSD1)		**Source: 8050852-03**			Prepared: 05/13/08 Analyzed: 05/19/08				
Surrogate: 1,3-Dimethyl-2-NB		*5.12*		ug/l	*5.00*	*102*	*73-136*		
Surrogate: Triphenyl phosphate		*5.40*		ug/l	*5.00*	*108*	*71-150*		
Surrogate: Perylene-d12		*4.80*		ug/l	*5.00*	*96*	*48-141*		
Molinate	ND	5.66		ug/l	5.00	113	70-130	2	30
Dimethoate	ND	4.47		ug/l	5.00	89	11-180	25	30
Prometon	ND	4.31		ug/l	5.00	86	12-154	3	30
Simazine	ND	5.39		ug/l	5.00	108	53-131	4	30
Atrazine	ND	5.39		ug/l	5.00	108	70-130	21	30
Diazinon	ND	6.35		ug/l	5.00	127	51-128	2	30
Metribuzin	ND	5.26		ug/l	5.00	105	52-130	6	30
Alachlor	ND	6.45		ug/l	5.00	129	68-141	4	30
Prometryn	ND	4.65		ug/l	5.00	93	54-147	3	30
Bromacil	ND	4.78		ug/l	5.00	96	40-139	4	30
Metolachlor	ND	5.47		ug/l	5.00	109	64-149	0.7	30
Thiobencarb	ND	5.16		ug/l	5.00	103	70-132	0.8	30
Butachlor	ND	5.33		ug/l	5.00	107	60-154	6	30

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Certificate of Analysis

Authorized Signature

Contact: Kim G Tu (Project Manager)

ELAP # 1132
LACSD # 10143
NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:
The Chain of Custody document is part of the analytical report.
Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless otherwise specified.
ND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL).
Sub = Subcontracted analysis, original report enclosed.
Dil = Dilution Factor
MDL = Method Detection Limit
MDA = Minimum Detectable Activity

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services.
The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).
For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

Flags for Data Qualifiers:

MS-01 = The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference.

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MACTEC Engineering & Consulting	Project:	San Diego Airport	
9177 Sky Park Court Suite A	Project Number:	[none]	**Reported:**
San Diego CA, 92123	Project Manager:	Amanda Archenhold	06/13/08 10:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-B08-8-06-03-08	0806075-01	Liquid	06/03/08 13:00	06/03/08 18:05

CASE NARRATIVE

SAMPLE RECEIPT:	Samples were received intact, at 4 °C, and accompanied by chain of custody documentation.
PRESERVATION:	Samples requiring preservation were verified prior to sample preparation and analysis.
HOLDING TIMES:	All holding times were met, unless otherwise noted in the report with data qualifiers.
QA/QC CRITERIA:	All quality objective criteria were met, except as noted in the report with data qualifiers.

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/13/08 10:12

Microbiological Parameters by APHA Standard Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-B08-8-06-03-08 (0806075-01) Liquid	**Sampled: 06/03/08 13:00**		**Received: 06/03/08 18:05**						
Total Coliforms	**39000**	1000	CFU/100 mL	1000	B8F0511	06/03/08	06/03/08 18:10	SM 9222B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/13/08 10:12

Conventional Chemistry Parameters by APHA/EPA Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-B08-8-06-03-08 (0806075-01) Liquid	**Sampled: 06/03/08 13:00**		**Received: 06/03/08 18:05**						
Total Hardness	**195**	0.400	mg/L	1	B8F0526	06/05/08	06/05/08 09:45	SM 2340 C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

MACTEC Engineering & Consulting	Project:	San Diego Airport	
9177 Sky Park Court Suite A	Project Number:	[none]	**Reported:**
San Diego CA, 92123	Project Manager:	Amanda Archenhold	06/13/08 10:12

Metals (Dissolved) by EPA 200 Series Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-B08-8-06-03-08 (0806075-01) Liquid	**Sampled: 06/03/08 13:00**		**Received: 06/03/08 18:05**						
Copper	**5.0**	2.0	µg/L	2	B8F0935	06/09/08	06/12/08 22:27	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/13/08 10:12

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8F0526 - General Preparation										
Blank (B8F0526-BLK1)				Prepared & Analyzed: 06/05/08						
Total Hardness	ND	0.400	mg/L							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/13/08 10:12

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8F0935 - EPA 200 Series										
Blank (B8F0935-BLK1)				Prepared: 06/09/08 Analyzed: 06/12/08						
Copper	ND	2.0	µg/L							
LCS (B8F0935-BS1)				Prepared: 06/09/08 Analyzed: 06/12/08						
Copper	102	2.0	µg/L	100		102	85-115			
Matrix Spike (B8F0935-MS1)	**Source: 0806075-01**			Prepared: 06/09/08 Analyzed: 06/12/08						
Copper	103	2.0	µg/L	100	5.0	98.0	70-130			
Matrix Spike Dup (B8F0935-MSD1)	**Source: 0806075-01**			Prepared: 06/09/08 Analyzed: 06/12/08						
Copper	101	2.0	µg/L	100	5.0	96.0	70-130	1.96	20	

MACTEC Engineering & Consulting	Project:	San Diego Airport	
9177 Sky Park Court Suite A	Project Number:	[none]	**Reported:**
San Diego CA, 92123	Project Manager:	Amanda Archenhold	06/13/08 10:12

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Report Date: Thursday, June 12, 2008
Received Date: Thursday, June 5, 2008
Received Time: 1:30 pm

Turnaround Time: Normal

Client: Sierra Analytical
26052 Merit Circle, Suite 105
Laguna Hills, CA 92653

Phone: (949) 348-9389
FAX: (949) 348-9115

Attn: Nick Forsyth

Project: 0806075

P.O.#:

Certificate of Analysis

Work Order No: 8060542-01 **Sample ID: C-B08-8-06-03-08 (0806075-01)** **Matrix: Water**
Sampled by: Client **Sampled: 06/03/08 13:00** **Sample Note:**

Analyte	Result	Qualifier	Units	Reporting Limit	Dil	Method	Prepared	Analyzed	Batch
Chlorpyrifos	ND		ug/l	1.0	10	EPA 8141A	06/09/08	06/10/08 dav	W8F0322
Surrogate: Triphenyl phosphate	*148 %*			*6-173*			*06/09/08*	06/10/08 dav	*W8F0322*

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Weck Laboratories, Inc

Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Batch W8F0322 - EPA 3520B									
Blank (W8F0322-BLK1)					Prepared: 06/09/08 Analyzed: 06/10/08				
Surrogate: Triphenyl phosphate		*1.52*		ug/l	*1.00*	*152*	*6-173*		
Chlorpyrifos		ND		ug/l					
LCS (W8F0322-BS1)					Prepared: 06/09/08 Analyzed: 06/10/08				
Surrogate: Triphenyl phosphate		*1.28*		ug/l	*1.00*	*128*	*6-173*		
Chlorpyrifos		1.20		ug/l	1.00	120	49-143		
LCS Dup (W8F0322-BSD1)					Prepared: 06/09/08 Analyzed: 06/10/08				
Surrogate: Triphenyl phosphate		*1.23*		ug/l	*1.00*	*123*	*6-173*		
Chlorpyrifos		1.31		ug/l	1.00	131	49-143	9	25

Authorized Signature

Contact: Kim G Tu (Project Manager)

ELAP # 1132
LACSD # 10143
NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:
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ND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL).
Sub = Subcontracted analysis, original report enclosed.
Dil = Dilution Factor
MDL = Method Detection Limit
MDA = Minimum Detectable Activity

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services.
The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).
For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

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Flags for Data Qualifiers:

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MACTEC Engineering & Consulting	Project:	San Diego Airport	
9177 Sky Park Court Suite A	Project Number:	[none]	**Reported:**
San Diego CA, 92123	Project Manager:	Amanda Archenhold	06/13/08 10:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-B01-1-06-04-08	0806086-01	Liquid	06/04/08 10:43	06/04/08 11:50

CASE NARRATIVE

SAMPLE RECEIPT:	Samples were received intact, at 4 °C, and accompanied by chain of custody documentation.
PRESERVATION:	Samples requiring preservation were verified prior to sample preparation and analysis.
HOLDING TIMES:	All holding times were met, unless otherwise noted in the report with data qualifiers.
QA/QC CRITERIA:	All quality objective criteria were met, except as noted in the report with data qualifiers.

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TELEPHONE: (949) 348-9389 FAX: (949) 348-9115
E-MAIL: SIERRALABS @ SIERRALABS.NET

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/13/08 10:42

Conventional Chemistry Parameters by APHA/EPA Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-B01-1-06-04-08 (0806086-01) Liquid	**Sampled: 06/04/08 10:43**		**Received: 06/04/08 11:50**						
Total Hardness	**91.2**	0.400	mg/L	1	B8F0519	06/04/08	06/04/08 15:00	SM 2340 C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/13/08 10:42

Metals (Dissolved) by EPA 200 Series Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-B01-1-06-04-08 (0806086-01) Liquid	**Sampled: 06/04/08 10:43**		**Received: 06/04/08 11:50**						
Copper	**42**	2.0	µg/L	2	B8F0935	06/09/08	06/12/08 22:37	EPA 200.8	
Zinc	**48**	2.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/13/08 10:42

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8F0519 - General Preparation										
Blank (B8F0519-BLK1)				Prepared & Analyzed: 06/04/08						
Total Hardness	ND	0.400	mg/L							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/13/08 10:42

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8F0935 - EPA 200 Series										
Blank (B8F0935-BLK1)				Prepared: 06/09/08 Analyzed: 06/12/08						
Copper	ND	2.0	µg/L							
Zinc	ND	2.0	"							
LCS (B8F0935-BS1)				Prepared: 06/09/08 Analyzed: 06/12/08						
Copper	102	2.0	µg/L	100		102	85-115			
Zinc	103	2.0	"	100		103	85-115			
Matrix Spike (B8F0935-MS1)	**Source: 0806075-01**			Prepared: 06/09/08 Analyzed: 06/12/08						
Copper	103	2.0	µg/L	100	5.0	98.0	70-130			
Zinc	117	2.0	"	100	19	98.0	70-130			
Matrix Spike Dup (B8F0935-MSD1)	**Source: 0806075-01**			Prepared: 06/09/08 Analyzed: 06/12/08						
Copper	101	2.0	µg/L	100	5.0	96.0	70-130	1.96	20	
Zinc	117	2.0	"	100	19	98.0	70-130	0.00	20	

26052 MERIT CIRCLE SUITE 105, LAGUNA HILLS, CALIFORNIA 92653
TELEPHONE: (949) 348-9389 FAX: (949) 348-9115
E-MAIL: SIERRALABS @ SIERRALABS.NET

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/13/08 10:42

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Report Date: Thursday, June 12, 2008
Received Date: Thursday, June 5, 2008
Received Time: 1:30 pm

Turnaround Time: Normal

Client: Sierra Analytical
26052 Merit Circle, Suite 105
Laguna Hills, CA 92653

Phone: (949) 348-9389
FAX: (949) 348-9115

Attn: Nick Forsyth

Project: 0806086

P.O.#:

Certificate of Analysis

Work Order No: 8060543-01 **Sample ID: C-B01-1-06-04-08 (0806086-01)** **Matrix: Water**
Sampled by: Client **Sampled: 06/04/08 10:43** **Sample Note:**

Analyte	Result	Qualifier	Units	Reporting Limit	Dil	Method	Prepared	Analyzed	Batch
Chlorpyrifos	ND		ug/l	1.0	10	EPA 8141A	06/09/08	06/10/08 dav	W8F0322
Surrogate: Triphenyl phosphate	*163 %*			*6-173*			*06/09/08*	06/10/08 dav	*W8F0322*

14859 East Clark Avenue, City of Industry, California 91745-1396 (626) 336-2139 FAX (626) 336-2634
www.wecklabs.com

Certificate of Analysis

Weck Laboratories, Inc

Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Batch W8F0322 - EPA 3520B									
Blank (W8F0322-BLK1)					Prepared: 06/09/08 Analyzed: 06/10/08				
Surrogate: Triphenyl phosphate		*1.52*		ug/l	*1.00*	*152*	*6-173*		
Chlorpyrifos		ND		ug/l					
LCS (W8F0322-BS1)					Prepared: 06/09/08 Analyzed: 06/10/08				
Surrogate: Triphenyl phosphate		*1.28*		ug/l	*1.00*	*128*	*6-173*		
Chlorpyrifos		1.20		ug/l	1.00	120	49-143		
LCS Dup (W8F0322-BSD1)					Prepared: 06/09/08 Analyzed: 06/10/08				
Surrogate: Triphenyl phosphate		*1.23*		ug/l	*1.00*	*123*	*6-173*		
Chlorpyrifos		1.31		ug/l	1.00	131	49-143	9	25

Authorized Signature

Contact: Kim G Tu (Project Manager)

ELAP # 1132
LACSD # 10143
NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:
The Chain of Custody document is part of the analytical report.
Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless otherwise specified.
ND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL).
Sub = Subcontracted analysis, original report enclosed.
Dil = Dilution Factor
MDL = Method Detection Limit
MDA = Minimum Detectable Activity

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services.
The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).
For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

14859 East Clark Avenue, City of Industry, California 91745-1396 (626) 336-2139 FAX (626) 336-2634
www.wecklabs.com

Certificate of Analysis

Flags for Data Qualifiers:

14859 East Clark Avenue, City of Industry, California 91745-1396 (626) 336-2139 FAX (626) 336-2634
www.wecklabs.com

SUBCONTRACT ORDER

Sierra Analytical Labs, Inc.

Sierra Project #: 0806086

Comments

SENDING LABORATORY:

Sierra Analytical Labs, Inc.
26052 Merit Circle, Suite 105
Laguna Hills, CA 92653
Phone: (949) 348-9389
Fax: (949) 348-9115
Laboratory Contact: Nick Forsyth

8060543

Turn Around Time Requested:
- [x] Normal
- [ ] 24 Hour
- [ ] 48 Hour
- [ ] 72 Hour
- [ ] 4 Day
- [ ] 5 Day

RECEIVING LABORATORY:

Weck Laboratories
14859 E. Clark Ave.
City of Industry, CA 91745
Phone : (626) 336-2139
Fax: (626) 336-2634

Analysis	Expires	Sampled:	Laboratory ID	Comments
Sample ID: C-B01-1-06-04-08 (0806086-01)	**Liquid**	**06/04/08 10:43**		
8141A Organo-Phosphorous Pesticides	06/11/08 10:43			Chlorpyrifos Only

Containers Supplied:
1L Amber (A)

Special Instructions :

- [ ] Intact
- [ ] Sample Seals
- [ ] Properly Labeled
- [ ] Chilled TEMP (°C) _____
- [ ] Appropriate Container
- [ ] Preservatives - Verified By _____

John Knoppe	6/5/08 1:30		06/05/08
Relinquished By	Date / Time	Received By	Date / Time
Relinquished By	Date / Time	6-1 C Received By	12:30 Date / Time
Relinquished By	Date / Time	Received By	Date / Time

CHAIN OF CUSTODY RECORD

SIERRA ANALYTICAL
TEL: 949•348•9389
FAX: 949•348•9115
26052 Merit Circle• Suite 105•Laguna Hills, CA•92653

Date: 5/8/08　Page ____ of ____

Lab Project No.: ____

Client: MACTEL
Client Address: 9177 Sky Park Ct, San Diego CA 92123
Client Tel. No.: 8585146468
Client Fax. No.:
Client Proj. Mgr.: Amanda Archenhold

Client Project ID:

Turn Around Time Requested: ☐ Immediate ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 4 Day ☐ 5 Day ☐ Normal ☐ Mobile

Geotracker EDD Info:
Client LOGCODE
Site Global ID

Analysis Requested

Client Sample ID.	Sierra No.	Date	Time	Matrix	Preservative	Container Type	No. of Containers	Oil and Grease	Hardness	Enterococcus Total & Fecal Coli Form	Diazinon and Chlorpyrifos	Metals Dissolved Cd, Cu, Pb, Zn	Field Point Names/ Comments
CB08-8		5/8	1035	W	–	Plastic	2			X			
CB08-8		5/8	1035	W	–	AMBER	1	X					
CB08-8		5/8	1035	W	–	AMBER	1				X		
CB08-8		5/8	1035	W	–	1L Poly	1					X	
CB08-8		5/8	1035	W	–	250mL Poly	1		X				
CB01-1		5/8	0913	W	–	Plastic	2			X			
CB01-1		5/8	0913	W	–	AMBER	1	X					
CB01-1		5/8	0913	W	–	AMBER	1				X		
CB01-1		5/8	0913	W	–	1L Poly	1					X	
CB01-1		5/8	0913	W	–	250mL Poly	1		X				

1. Sampler Signature: [signature] 　~~Shipped Via:~~ 1345
Printed Name: Kris Green 　(~~Carrier/Waybill~~ No.) 5/8/08

2. Relinquished By: 　Date 　Received By: [signature] 　Date: 5/8/08
Company: 　Time: 　Company: Sierra Analytical 　Time: 13:45

3. Relinquished By: 　Date 　Received By: 　Date:
Company: 　Time: 　Company: 　Time:

4. Relinquished By: 　Date 　Received By: 　Date:
Company: 　Time: 　Company: 　Time:

Special Instructions: SEE ATTACHED DATA QUALITY OBJECTIVES

Total Number of Containers Submitted to Laboratory: 12

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analysis specified above under SIERRA's Terms and Conditions, unless otherwise agreed upon in writing between SIERRA and CLIENT.
**Samples determined to be hazardous by SIERRA will be returned to CLIENT.

Total Number of Containers Received by Laboratory: 12

Sample Disposal:
☐ Return to Client
☐ Lab Disposal*
☐ Archive ____ mos.
☐ Other ____

FOR LABORATORY USE ONLY - Sample Receipt Conditions:
☐ Intact 　☐ Chilled - Temp. (°C) ____
☐ Sample Seals 　☐ Preservatives - Verified By ____
☐ Properly Labelled 　☐ Other ____
☐ Appropriate Sample Container 　☐ Storage Location ____

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB01-1	**Latitude**	32.7318	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet inside zipper line, south of Jim's Air, north of runway 9/27	**Longitude**	-117.1744		**Hydrologic Area**	908.2
Date	06/20/2008	**TB Page**	1288 H1		**Hydrologic Subarea** (Optional)	
Time	0845	**Observer**	KG,KH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny X Partly Cloudy ☐ Overcast ☐ Fog

Tide ☐ N/A X Low ☐ Incoming ☐ High ☐ Outgoing **Tide Height:-1.4** ft.

Last Rain x> 72 hours ☐ < 72 hours

Rainfall X None ☐ < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	☐ None	X Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	X None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes **X** No X Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? X Yes ☐ No

Water Temp (°C)	25	**NH3-N** (mg/L)	**.7**	**NO3-N** (mg/L)	.1	**React PO4** (mg/L)	**.1**
pH (pH units)	7.39	**TURB** (NTU)	**.75**	**COND** (mS/cm)	.349	**MBAS** (mg/L)	**.5**

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? **X Yes** ☐ **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: -Pooled water is in a catch basin with a drop invert. No evidence of overland flow during investigation. Samples were collected for lab analysis due to previous action level exceedence. No field exceedances observed this time.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB03-2	**Latitude**	32.72863	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet inside zipper line, south of runway9/27, directly south of B1-D sign	**Longitude**	-117.17840		**Hydrologic Area**	908.2
Date	06/20/2008	**TB Page**	1288 J1		**Hydrologic Subarea** (Optional)	908.21
Time	0920	**Observer**	KG, KH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny X Partly Cloudy ☐ Overcast ☐ Fog

Tide ☐ N/A X Low ☐ Incoming ☐ High ☐ Outgoing **Tide Height:-.7**_____ft.

Last Rain X > 72 hours ☐ < 72 hours

Rainfall X None ☐ < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	☐ Clear		X Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	X None	☐Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	☐ None	☐ Sediment/Gravel	X Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed XYes ☐ No ☐ Ponded **X** Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐No **x** N/A

Evidence of Overland Flow? ☐Yes **X** No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo**

Field Screening Samples Collected? ☐ Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)	26	**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: High Conductivity indicates seawater._____

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB05-3	**Latitude**	32.73389	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet in rental car storage area	**Longitude**	-117.18294		**Hydrologic Area**	908.2
Date	06/20/2008	**TB Page**	1268 H7		**Hydrologic Subarea** (Optional)	908.21
Time	0615	**Observer**	KG,KH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	X Partly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.7** ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	X None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other	
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other	
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other	
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other	
Deposits	X None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other	
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other	
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other	

Flow Observed ☐Yes **X** No X Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes x No ☐ Irrigation Runoff X Other: Watering truck used in the area for dust control

Photo Taken **X** Yes ☐ No

Field Screening Samples Collected? X Yes ☐ No

Water Temp (°C)	20.6	**NH3-N** (mg/L)	**.1**	**NO3-N** (mg/L)	1.5	**React PO4** (mg/L)	**.9**
pH (pH units)	7.6	**TURB** (NTU)	**2.37**	**COND** (mS/cm)	0.600	**MBAS** (mg/L)	**.25**

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		Sec
Flow		Gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: No Flow and sample did not reach field action levels. Catch basin has a drop culvert and water from the water truck collects there but does not flow out.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB05-4	**Latitude**	32.73063	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet outside of zipper line, south of runway 9/27, north of generator yard	**Longitude**	-117.18298		**Hydrologic Area**	908.2
Date	06/20/2008	**TB Page**	1288G1		**Hydrologic Subarea** (Optional)	908.21
Time	0915	**Observer**	KG, KH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	X Partly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.7** _____ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	X None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes X No X Ponded X Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? ☐ Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND** (mS/cm)	25.5	**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: High Conductivity indicates seawater_____

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB06-5	**Latitude**	32.73581	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet southeast of control tower	**Longitude**	-117.18632		**Hydrologic Area**	908.2
Date	06/20/2008	**TB Page**	1268 G7		**Hydrologic Subarea** (Optional)	908.21
Time	0815	**Observer**	KG,KH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny X Partly Cloudy ☐ Overcast ☐ Fog

Tide ☐ N/A X Low ☐ Incoming ☐ High ☐ Outgoing **Tide Height:-.7** ft.

Last Rain X > 72 hours ☐ < 72 hours

Rainfall X None ☐ < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	☐ None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	X Other	**N/A**
Color	☐ None	☐ Yellow	☐ Brown	☐ White	☐ Gray	X Other	**N/A**
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other	**N/A**
Floatables	☐ None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	X Other	**N/A**
Deposits	☐ None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	X Other	**N/A**
Vegetation	☐ None	☐ Limited	☐ Normal	☐ Excessive		X Other	**N/A**
Biology	☐ None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	x Other	**N/A**

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes **X** No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Dry, no water, no sample.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB07-6	**Latitude**	32.73083	**Watershed**	**Hydrologic Unit**	908
Location	Discharge of Oil Water Separator at South end of ASIG, near wash rack	**Longitude**	-117.19304		**Hydrologic Area**	908.2
Date	06/20/2008	**TB Page**	1288 F1		**Hydrologic Subarea** (Optional)	908.21
Time	0745	**Observer**	KG, KH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only)	☐ Residential	☐ Commercial	X Industrial	☐ Agricultural	☐ Parks	☐ Open
Land Use (Secondary) (Optional, greater than 10%)	☐ Residential	☐ Commercial	☐ Industrial	☐ Agricultural	☐ Parks	☐ Open
Conveyance (Check one only)	☐ Manhole	☒ Catch Basin	☐ Outlet	☐ Concrete Channel	☐ Natural Creek	☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	XPartly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.7** ft.
Last Rain	X> 72 hours	☐ < 72 hours				
Rainfall	X None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	☐ None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	X Other	**N/A**
Color	☐ None	☐ Yellow	☐ Brown	☐ White	☐ Gray	X Other	**N/A**
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other	**N/A**
Floatables	☐ None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	X Other	**N/A**
Deposits	☐ None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	X Other	**N/A**
Vegetation	☐ None	☐ Limited	☐ Normal	☐ Excessive		X Other	**N/A**
Biology	☐ None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	X Other	**N/A**

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Dry.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB07-7	**Latitude**	32.72998	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet south of cargo area in the West Wing parking lot.	**Longitude**	-117.19387		**Hydrologic Area**	908.2
Date	06/20/2008	**TB Page**	1288 F1		**Hydrologic Subarea** (Optional)	908.21
Time	0600	**Observer**	KG, KH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only) ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%) ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only) ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny X Partly Cloudy ☐ Overcast ☐ Fog
Tide ☐ N/A X Low ☐ Incoming ☐ High ☐ Outgoing **Tide Height:-.7** ft.
Last Rain X > 72 hours ☐ < 72 hours
Rainfall X None ☐ < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	X None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND** (mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Dry. No water present in catch basin.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB08-8	**Latitude**	32.7318	**Watershed**	**Hydrologic Unit**	908
Location	Grate at end of trench drains near Southwest Airlines Gate 8	**Longitude**	-117.19582		**Hydrologic Area**	908.2
Date	06/20/2008	**TB Page**	1288 F1		**Hydrologic Subarea** (Optional)	908.21
Time	0825	**Observer**	KG,KH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny X Partly Cloudy ☐ Overcast ☐ Fog

Tide ☐ N/A X Low ☐ Incoming ☐ High ☐ Outgoing **Tide Height:__-.7____**ft.

Last Rain X > 72 hours ☐ < 72 hours

Rainfall X None ☐ < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other	
Color	☐ None	X Yellow	☐ Brown	☐ White	☐ Gray	☐ Other	
Clarity	☐ Clear		X Slightly Cloudy	☐ Opaque		☐ Other	
Floatables	☐ None	X Trash	☐ Bubbles/Foam	X Sheen	☐ Fecal Matter	☐ Other	
Deposits	☐ None	☐ Sediment/Gravel	X Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other	
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other	
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other	

Flow Observed ☐Yes **X** No X Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? X Yes ☐ No ☐ Irrigation Runoff ☐ Other: evidence of potable water flushing_____

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? X Yes ☐ No

Water Temp (°C)	24	**NH3-N** (mg/L)	**6**	**NO3-N** (mg/L)	.6	**React PO4** (mg/L)	**.75**
pH (pH units)	7.4	**TURB** (NTU)	**9.59**	**COND (**mS/cm)	1.641	**MBAS** (mg/L)	**5**

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? **X Yes** ☐ **N**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Ammonia and MBAS exceed action levels. Samples sent to lab for analysis. Overland flow as a result of recent aircraft potable water filling. Flow was trickling into slit trench, but flow not enough to sample so ponded water at grate was sampled. Incident was reported immediately to SDCRAA Env Affairs Dept._____

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB12-9	**Latitude**	32.7351	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet northwest of terminal 2 west	**Longitude**	-117.2044		**Hydrologic Area**	908.2
Date	06/20/2008	**TB Page**	1268 E7		**Hydrologic Subarea** (Optional)	908.21
Time	0800	**Observer**	KG,KH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only)	☐ Residential	☐ Commercial	X Industrial	☐ Agricultural	☐ Parks	☐ Open
Land Use (Secondary) (Optional, greater than 10%)	☐ Residential	☐ Commercial	☐ Industrial	☐ Agricultural	☐ Parks	☐ Open
Conveyance (Check one only)	☐ Manhole	☒ Catch Basin	☐ Outlet	☐ Concrete Channel	☐ Natural Creek	☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	XPartly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.7** ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	x None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	☐ None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	X Other	**NA**
Color	☐ None	☐ Yellow	☐ Brown	☐ White	☐ Gray	X Other	**NA**
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other	**NA**
Floatables	☐ None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	X Other	**NA**
Deposits	☐ None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	X Other	**NA**
Vegetation	☐ None	☐ Limited	☐ Normal	☐ Excessive		X Other	**NA**
Biology	☐ None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	X Other	**NA**

Flow Observed ☐Yes **X** No ☐ Ponded **X** Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entro.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Small amount of ponded water-not enough to sample.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB09-10	**Latitude**	32.7301	**Watershed**	**Hydrologic Unit**	908
Location	Curb inlet on Terminal 2 parking entry road	**Longitude**	-117.1999		**Hydrologic Area**	908.2
Date	06/20/2008	**TB Page**	1299 FI		**Hydrologic Subarea** (Optional)	908.21
Time	0548	**Observer**	KH, KG		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	X Partly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.7** ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	X None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	☐ None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	X Other	**N/A**
Color	☐ None	☐ Yellow	☐ Brown	☐ White	☐ Gray	X Other	**N/A**
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other	**N/A**
Floatables	☐ None	X Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	X Other	**N/A**
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	X Other	**N/A**
Vegetation	☐ None	☐ Limited	☐ Normal	☐ Excessive		X Other	**N/A**
Biology	☐ None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	X Other	**N/A**

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes ☐ No X Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Dry.

Draft Trash Assessment Form

SITE ID: CB01-1 DATE: 6/20/08

LOCATION: 0845 TIME: 0845

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☐ MS4 ☐ RECEIVING WATER ☐ BOTH	
☑ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB03-2 DATE: 6/20/08

LOCATION: _____ TIME: 0920

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☐ MS4 ☐ RECEIVING WATER ☐ BOTH	
☑ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB05-3 DATE: 6/20/08

LOCATION: _____ TIME: 0615

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L X W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☐ MS4 ☐ RECEIVING WATER ☐ BOTH	
☐ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☑ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB05-4 DATE: 6/20/08

LOCATION: _____ TIME: 0915

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☐ MS4 ☐ RECEIVING WATER ☐ BOTH	
☑ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CBOG-5 DATE: 6/20/08

LOCATION: _____ TIME: 0815

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☐ MS4 ☐ RECEIVING WATER ☐ BOTH	
☑ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB07-6 DATE: 6/20/08

LOCATION: _____ TIME: 0745

OBSERVER: ICG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☑ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB08-8 DATE: 6/20/08

LOCATION: _____ TIME: 0825

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L X W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☐ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☒ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB07-7 DATE: 6/20/08

LOCATION: _____ TIME: 537

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☑ MS4 ☐ RECEIVING WATER ☐ BOTH	
☐ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☑ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB12-9 DATE: 6/20/08

LOCATION: _____ TIME: 0800

OBSERVER: KO

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☑ MS4 ☐ RECEIVING WATER ☐ BOTH	
☑ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB09-10 DATE: 6/20/08

LOCATION: _____ TIME: 548

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☑ MS4 ☐ RECEIVING WATER ☐ BOTH	
☐ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☑ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
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☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/27/08 13:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CB08-8	0806437-01	Liquid	06/20/08 08:25	06/20/08 11:30
CB01-1	0806437-02	Liquid	06/20/08 08:45	06/20/08 11:30

CASE NARRATIVE

SAMPLE RECEIPT:	Samples were received intact, at 4 °C, and accompanied by chain of custody documentation.
PRESERVATION:	Samples requiring preservation were verified prior to sample preparation and analysis.
HOLDING TIMES:	All holding times were met, unless otherwise noted in the report with data qualifiers.
QA/QC CRITERIA:	All quality objective criteria were met, except as noted in the report with data qualifiers.

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/27/08 13:32

Microbiological Parameters by APHA Standard Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8 (0806437-01) Liquid	**Sampled: 06/20/08 08:25**	**Received: 06/20/08 11:30**							
Enterococcus	**1900**	200	MPN/100 mL	100	B8F2024	06/20/08	06/20/08 13:00	SM 9230B	
Fecal Coliforms	**3400**	200	"	"	"	"	"	SM 9221E	
Total Coliforms	**100000**	2000	"	1000	"	"	"	SM 9221B	
CB01-1 (0806437-02) Liquid	**Sampled: 06/20/08 08:45**	**Received: 06/20/08 11:30**							
Enterococcus	**500**	200	MPN/100 mL	100	B8F2024	06/20/08	06/20/08 13:00	SM 9230B	
Fecal Coliforms	**90**	20	"	10	"	"	"	SM 9221E	
Total Coliforms	**23000**	2000	"	1000	"	"	"	SM 9221B	

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/27/08 13:32

Conventional Chemistry Parameters by APHA/EPA Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8 (0806437-01) Liquid Sampled: 06/20/08 08:25 Received: 06/20/08 11:30									
Total Hardness	**488**	0.400	mg/L	1	B8F2417	06/20/08	06/20/08 15:14	SM 2340 C	
Hexane Extractable Material (HEM)	**5.00**	2.00	"	"	"	"	"	EPA 1664	
CB01-1 (0806437-02) Liquid Sampled: 06/20/08 08:45 Received: 06/20/08 11:30									
Total Hardness	**87.2**	0.400	mg/L	1	B8F2417	06/20/08	06/20/08 15:14	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664	

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/27/08 13:32

Metals (Dissolved) by EPA 200 Series Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8 (0806437-01) Liquid Sampled: 06/20/08 08:25 Received: 06/20/08 11:30									
Cadmium	ND	4.0	µg/L	2	B8F2306	06/23/08	06/24/08 15:15	EPA 200.8	
Copper	**770**	2.0	"	"	"	"	"	"	
Lead	ND	4.0	"	"	"	"	"	"	
Zinc	**520**	2.0	"	"	"	"	"	"	
CB01-1 (0806437-02) Liquid Sampled: 06/20/08 08:45 Received: 06/20/08 11:30									
Cadmium	ND	4.0	µg/L	2	B8F2306	06/23/08	06/24/08 15:26	EPA 200.8	
Copper	**220**	2.0	"	"	"	"	"	"	
Lead	ND	4.0	"	"	"	"	"	"	
Zinc	**120**	2.0	"	"	"	"	"	"	

26052 MERIT CIRCLE SUITE 105, LAGUNA HILLS, CALIFORNIA 92653
TELEPHONE: (949) 348-9389 FAX: (949) 348-9115
E-MAIL: SIERRALABS @ SIERRALABS.NET

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/27/08 13:32

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8F2306 - EPA 200 Series										
Blank (B8F2306-BLK1)				Prepared: 06/23/08 Analyzed: 06/24/08						
Cadmium	ND	4.0	µg/L							
Copper	ND	2.0	"							
Lead	ND	4.0	"							
Zinc	ND	2.0	"							
LCS (B8F2306-BS1)				Prepared: 06/23/08 Analyzed: 06/24/08						
Cadmium	99.1	4.0	µg/L	100		99.1	85-115			
Copper	108	2.0	"	100		108	85-115			
Lead	97.9	4.0	"	100		97.9	85-115			
Zinc	107	2.0	"	100		107	85-115			
Matrix Spike (B8F2306-MS1)	**Source: 0806437-01**			Prepared: 06/23/08 Analyzed: 06/24/08						
Cadmium	104	4.0	µg/L	100	3.3	101	70-130			
Copper	882	2.0	"	100	770	112	70-130			
Lead	95.0	4.0	"	100	1.1	93.9	70-130			
Zinc	619	2.0	"	100	520	99.0	70-130			
Matrix Spike Dup (B8F2306-MSD1)	**Source: 0806437-01**			Prepared: 06/23/08 Analyzed: 06/24/08						
Cadmium	97.1	4.0	µg/L	100	3.3	93.8	70-130	6.86	20	
Copper	899	2.0	"	100	770	129	70-130	1.91	20	
Lead	87.1	4.0	"	100	1.1	86.0	70-130	8.68	20	
Zinc	638	2.0	"	100	520	118	70-130	3.02	20	

26052 MERIT CIRCLE SUITE 105, LAGUNA HILLS, CALIFORNIA 92653
TELEPHONE: (949) 348-9389 FAX: (949) 348-9115
E-MAIL: SIERRALABS @ SIERRALABS.NET

MACTEC Engineering & Consulting	Project: San Diego Airport	
9177 Sky Park Court Suite A	Project Number: [none]	**Reported:**
San Diego CA, 92123	Project Manager: Amanda Archenhold	06/27/08 13:32

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Report Date: Tuesday, July 1, 2008
Received Date: Monday, June 23, 2008
Received Time: 1:11 pm

Turnaround Time: Normal

Client: Sierra Analytical
26052 Merit Circle, Suite 105
Laguna Hills, CA 92653

Phone: (949) 348-9389
FAX: (949) 348-9115

Attn: Nick Forsyth

Project: 0806437

P.O.#:

Certificate of Analysis

Work Order No: 8062350-01 **Sample ID: CB08-8 (0806437-01)** **Matrix: Water**
Sampled by: Client **Sampled: 06/20/08 08:25** **Sample Note:**

Analyte	Result	Qualifier	Units	Reporting Limit	Dil	Method	Prepared	Analyzed	Batch
Azinphos methyl (Guthion)	ND		ug/l	1.5	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Bolstar	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Chlorpyrifos	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Coumaphos	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Demeton-o	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Demeton-s	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Diazinon	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Dichlorvos	ND		ug/l	1.5	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Disulfoton	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Ethoprop	ND		ug/l	1.5	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Fensulfothion	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Fenthion	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Merphos	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Methyl parathion	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Mevinphos	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Naled	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Phorate	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Ronnel	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Stirophos	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Tokuthion (Prothiofos)	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Trichloronate	ND		ug/l	1.0	10	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Surrogate: Triphenyl phosphate	*238 %*	*S-03*		*6-173*			*06/23/08*	06/24/08 dav	*W8F0892*

Work Order No: 8062350-02 **Sample ID: CB01-1 (0806437-02)** **Matrix: Water**
Sampled by: Client **Sampled: 06/20/08 08:45** **Sample Note:**

Analyte	Result	Qualifier	Units	Reporting Limit	Dil	Method	Prepared	Analyzed	Batch
Azinphos methyl (Guthion)	ND		ug/l	0.15	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892

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Work Order No: 8062350-02 **Sample ID: CB01-1 (0806437-02)** **Matrix: Water**
Sampled by: Client **Sampled: 06/20/08 08:45** **Sample Note:**

Analyte	Result	Qualifier	Units	Reporting Limit	Dil	Method	Prepared	Analyzed	Batch
Bolstar	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Chlorpyrifos	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Coumaphos	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Demeton-o	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Demeton-s	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Diazinon	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Dichlorvos	ND		ug/l	0.15	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Disulfoton	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Ethoprop	ND		ug/l	0.15	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Fensulfothion	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Fenthion	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Merphos	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Methyl parathion	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Mevinphos	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Naled	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Phorate	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Ronnel	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Stirophos	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Tokuthion (Prothiofos)	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Trichloronate	ND		ug/l	0.10	1	EPA 8141A	06/23/08	06/24/08 dav	W8F0892
Surrogate: Triphenyl phosphate	*115 %*			*6-173*			*06/23/08*	06/24/08 dav	*W8F0892*

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Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Batch W8F0892 - EPA 3520B									
Blank (W8F0892-BLK1)					Prepared: 06/23/08 Analyzed: 06/24/08				
Surrogate: Triphenyl phosphate		*1.02*		ug/l	*1.00*	*102*	*6-173*		
Azinphos methyl (Guthion)		ND		ug/l					
Bolstar		ND		ug/l					
Chlorpyrifos		ND		ug/l					
Coumaphos		ND		ug/l					
Demeton-o		ND		ug/l					
Demeton-s		ND		ug/l					
Diazinon		ND		ug/l					
Dichlorvos		ND		ug/l					
Disulfoton		ND		ug/l					
Ethoprop		ND		ug/l					
Fensulfothion		ND		ug/l					
Fenthion		ND		ug/l					
Merphos		ND		ug/l					
Methyl parathion		ND		ug/l					
Mevinphos		ND		ug/l					
Naled		ND		ug/l					
Phorate		ND		ug/l					
Ronnel		ND		ug/l					
Stirophos		ND		ug/l					
Tokuthion (Prothiofos)		ND		ug/l					
Trichloronate		ND		ug/l					
LCS (W8F0892-BS1)					Prepared: 06/23/08 Analyzed: 06/24/08				
Surrogate: Triphenyl phosphate		*1.18*		ug/l	*1.00*	*118*	*6-173*		
Azinphos methyl (Guthion)		1.29		ug/l	1.00	129	18-159		
Bolstar		1.24		ug/l	1.00	124	49-148		
Chlorpyrifos		1.12		ug/l	1.00	112	49-143		
Coumaphos		1.26		ug/l	1.00	126	42-161		
Demeton-o		0.922		ug/l	1.00	92	47-132		
Demeton-s		0.991		ug/l	1.00	99	45-147		
Diazinon		1.17		ug/l	1.00	117	46-136		
Dichlorvos		2.63	Q-08	ug/l	1.00	263	29-164		
Disulfoton		1.12		ug/l	1.00	112	46-155		
Ethoprop		1.13		ug/l	1.00	113	54-141		
Fensulfothion		1.38		ug/l	1.00	138	54-167		
Fenthion		1.21		ug/l	1.00	121	50-143		
Merphos		1.42		ug/l	1.00	142	40-185		
Methyl parathion		1.04		ug/l	1.00	104	47-142		
Mevinphos		1.04		ug/l	1.00	104	43-145		
Naled		0.951		ug/l	1.00	95	16-177		

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Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Batch W8F0892 - EPA 3520B									
LCS (W8F0892-BS1)					Prepared: 06/23/08 Analyzed: 06/24/08				
Phorate		1.12		ug/l	1.00	112	56-134		
Ronnel		1.04		ug/l	1.00	104	49-140		
Stirophos		1.35		ug/l	1.00	135	46-146		
Tokuthion (Prothiofos)		1.25		ug/l	1.00	125	52-139		
Trichloronate		1.14		ug/l	1.00	114	52-136		
LCS Dup (W8F0892-BSD1)					Prepared: 06/23/08 Analyzed: 06/24/08				
Surrogate: Triphenyl phosphate		*1.05*		ug/l	*1.00*	*105*	*6-173*		
Azinphos methyl (Guthion)		0.979	Q-12	ug/l	1.00	98	18-159	27	25
Bolstar		1.19		ug/l	1.00	119	49-148	4	25
Chlorpyrifos		1.18		ug/l	1.00	118	49-143	5	25
Coumaphos		0.818	Q-12	ug/l	1.00	82	42-161	42	25
Demeton-o		0.877		ug/l	1.00	88	47-132	5	25
Demeton-s		0.834		ug/l	1.00	83	45-147	17	25
Diazinon		1.26		ug/l	1.00	126	46-136	7	25
Dichlorvos		2.24	Q-08	ug/l	1.00	224	29-164	16	25
Disulfoton		1.18		ug/l	1.00	118	46-155	5	25
Ethoprop		1.13		ug/l	1.00	113	54-141	0.5	25
Fensulfothion		0.926	Q-12	ug/l	1.00	93	54-167	40	25
Fenthion		1.17		ug/l	1.00	117	50-143	4	25
Merphos		1.24		ug/l	1.00	124	40-185	14	25
Methyl parathion		1.08		ug/l	1.00	108	47-142	4	25
Mevinphos		0.917		ug/l	1.00	92	43-145	13	25
Naled		1.03		ug/l	1.00	103	16-177	8	25
Phorate		1.16		ug/l	1.00	116	56-134	4	25
Ronnel		1.09		ug/l	1.00	109	49-140	5	25
Stirophos		1.21		ug/l	1.00	121	46-146	11	25
Tokuthion (Prothiofos)		1.28		ug/l	1.00	128	52-139	2	25
Trichloronate		1.20		ug/l	1.00	120	52-136	5	25

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Authorized Signature

Contact: Kim G Tu (Project Manager)

ELAP # 1132
LACSD # 10143
NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:
The Chain of Custody document is part of the analytical report.
Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless otherwise specified.
ND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL).
Sub = Subcontracted analysis, original report enclosed.
Dil = Dilution Factor
MDL = Method Detection Limit
MDA = Minimum Detectable Activity

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services.
The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).
For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

Flags for Data Qualifiers:

M-04 = Due to the nature of matrix interferences, sample extract was diluted prior to analysis. The reporting limits were raised due to the dilution.

Q-08 = High bias in the QC sample does not affect sample result since analyte was not detected.

Q-12 = The RPD result exceeded the QC control limits possibly due to a possible matrix effect; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on the percent recoveries and/or other acceptable QC data.

S-03 = High surrogate recovery for this sample is possibly due to a sample matrix effect. The data was accepted since all target analytes were not detected.

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SUBCONTRACT ORDER

Sierra Analytical Labs, Inc.

Sierra Project #: 0806437

Comments

SENDING LABORATORY:

Sierra Analytical Labs, Inc.
26052 Merit Circle, Suite 105
Laguna Hills, CA 92653
Phone: (949) 348-9389
Fax: (949) 348-9115
Laboratory Contact: Nick Forsyth

80623S0

Turn Around Time Requested: ☐ Normal ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 4 Day ☐ 5 Day

RECEIVING LABORATORY:

Weck Laboratories
14859 E. Clark Ave.
City of Industry, CA 91745
Phone : (626) 336-2139
Fax: (626) 336-2634

Analysis	Expires	Sampled:	Laboratory ID	Comments
Sample ID: CB08-8 (0806437-01)	**Liquid**	**06/20/08 08:25**		
8141A Organo-Phosphorous Pesticides	06/27/08 08:25			~~Chlorpyrifos Only~~
Containers Supplied: 1L Amber (D)				
Sample ID: CB01-1 (0806437-02)	**Liquid**	**06/20/08 08:45**		
8141A Organo-Phosphorous Pesticides	06/27/08 08:45			~~Chlorpyrifos Only~~
Containers Supplied: 1L Amber (D)				

Special Instructions :

~~Copy/Relog from 0806086.~~

☐ Intact ☐ Sample Seals
☐ Properly Labeled ☐ Chilled TEMP (°C) 6.5C
☐ Appropriate Container ☐ Preservatives - Verified By _____

John Gonzales	6/23/08 2:11	Jaime Gomez	6/23/08 13:11
Relinquished By	Date / Time	Received By	Date / Time
Relinquished By	Date / Time	Received By	Date / Time
Relinquished By	Date / Time	Received By	Date / Time

CHAIN OF CUSTODY RECORD

SIERRA ANALYTICAL
TEL: 949•348•9389
FAX: 949•348•9115
26052 Merit Circle• Suite 105•Laguna Hills, CA•92653

Date: 6 / 20 / 08 Page 1 of 1

Lab Project No.: _____

Client: MACTEC
Client Address: 9177 SKY PARK CT
SAN DIEGO CA 92123

Client Tel. No.: 858 514 6468
Client Fax. No.:
Client Proj. Mgr.:

Client Project ID:

Turn Around Time Requested: ☐ Immediate ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 4 Day ☐ 5 Day ☐ Normal ☐ Mobile

Analysis Requested

Geotracker EDD Info:

Client LOGCODE

Site Global ID

Client Sample ID.	Sierra No.	Date	Time	Matrix	Preservative	Container Type	No. of Containers	OIL AND GREASE	HARDNESS	ENTEROCOCCUS TOTAL FECAL COLIFORM	DIAZINON AND CHLORPYRIFOS METALS DISSOLVED Cd, Cu, Pb, Zn	Field Point Names/ Comments
CB08-8		6/20	0825	W		PLASTIC	2			X		
CB08-8		6/20	0825	W		AMBER	1	X				
CB08-8		6/20	0825	W		GLASS	1				X	
CB08-8		6/20	0825	W		1L POLY	1					X
CB08-8		6/20	0825	W		250mL POLY	1		X			
CB01-1		6/20	0845	W		PLASTIC	2			X		
CB01-1		6/20	0845	W		AMBER	1	X				
CB01-1		6/20	0845	W		GLASS	1				X	
CB01-1		6/20	0845	W		1L POLY	1					X
CB01-1		6/20	0845	W		250mL POLY	1		X			

1 Sampler Signature: _____ Shipped Via:
Printed Name: Eric Garcia (Carrier/Waybill No.)

Total Number of Containers Submitted to Laboratory

Sample Disposal:
☐ Return to Client
☐ Lab Disposal*
☐ Archive _____ mos.
☐ Other _____

2 Relinquished By: _____ Date: 6/20 Received By: _____ Date: 6/20
Company: MACTEC Time: 1130 Company: _____ Time: 11:30

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analysis specified above under SIERRA's Terms and Conditions, unless otherwise agreed upon in writing between SIERRA and CLIENT.
* - Samples determined to be hazardous by SIERRA will be returned to CLIENT.

3 Relinquished By: _____ Date: _____ Received By: _____ Date: _____
Company: _____ Time: _____ Company: _____ Time: _____

Total Number of Containers Received by Laboratory

4 Relinquished By: _____ Date: _____ Received By: _____ Date: _____
Company: _____ Time: _____ Company: _____ Time: _____

Special Instructions:

FOR LABORATORY USE ONLY - Sample Receipt Conditions:

☐ Intact ☐ Chilled - Temp. (°C) _____
☐ Sample Seals ☐ Preservatives - Verified By _____
☐ Properly Labelled ☐ Other _____
☐ Appropriate Sample Container ☐ Storage Location _____

Rev: 102005

DISTRIBUTION: White - To Accompany Samples, Yellow - Laboratory Copy, Pink - Field Personnel Copy

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB01-1	**Latitude**	32.7318	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet inside zipper line, south of Jim's Air, north of runway 9/27	**Longitude**	-117.1744		**Hydrologic Area**	908.2
Date	08/04/2008	**TB Page**	1288 H1		**Hydrologic Subarea** (Optional)	
Time	0730	**Observer**	KG,KH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only) ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%) ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only) ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny X Partly Cloudy ☐ Overcast ☐ Fog

Tide ☐ N/A X Low ☐ Incoming ☐ High ☐ Outgoing **Tide Height:-.2** ft.

Last Rain x> 72 hours ☐ < 72 hours

Rainfall X None ☐ < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	☐ None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	X Other	**n/a**
Color	☐ None	☐ Yellow	☐ Brown	☐ White	☐ Gray	X Other	**n/a**
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other	**n/a**
Floatables	☐ None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	X Other	**n/a**
Deposits	☐ None	x Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	X Other	**n/a**
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other	
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other	

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? ☐ Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Catch basin was dry.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB03-2	**Latitude**	32.72863	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet inside zipper line, south of runway9/27, directly south of B1-D sign	**Longitude**	-117.17840		**Hydrologic Area**	908.2
Date	08/4/2008	**TB Page**	1288 J1		**Hydrologic Subarea** (Optional)	908.21
Time	0715	**Observer**	KG, KH.AH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny X Partly Cloudy ☐ Overcast ☐ Fog

Tide ☐ N/A X Low ☐ Incoming ☐ High ☐ Outgoing **Tide Height:-.2**_____ft.

Last Rain X > 72 hours ☐ < 72 hours

Rainfall X None ☐ < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other	_____
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other	_____
Clarity	☐ Clear		X Slightly Cloudy	☐ Opaque		☐ Other	_____
Floatables	X None	☐Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other	
Deposits	X None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other	
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other	_____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other	_____

Flow Observed XYes ☐ No ☐ Ponded **X** Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐No **x** N/A

Evidence of Overland Flow? ☐Yes **X** No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo**

Field Screening Samples Collected? ☐ Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)	26	**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: High Conductivity indicates seawater._____

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB05-3	**Latitude**	32.73389	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet in rental car storage area	**Longitude**	-117.18294		**Hydrologic Area**	908.2
Date	08/04/2008	**TB Page**	1268 H7		**Hydrologic Subarea** (Optional)	908.21
Time	0845	**Observer**	KG,		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only)	☐ Residential	☐ Commercial	X Industrial	☐ Agricultural	☐ Parks	☐ Open
Land Use (Secondary) (Optional, greater than 10%)	☐ Residential	☐ Commercial	☐ Industrial	☐ Agricultural	☐ Parks	☐ Open
Conveyance (Check one only)	☐ Manhole	☒ Catch Basin	☐ Outlet	☐ Concrete Channel	☐ Natural Creek	☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	X Partly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.2** ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	X None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	X None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes **X** No X Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes x No ☐ Irrigation Runoff X Other: Watering truck used in the area for dust control

Photo Taken **X** Yes ☐ No

Field Screening Samples Collected? X Yes ☐ No

Water Temp (°C)	26.7	**NH3-N** (mg/L)	**.2**	**NO3-N** (mg/L)	1	**React PO4** (mg/L)	**.9**
pH (pH units)	7.8	**TURB** (NTU)	**n/a**	**COND** (mS/cm)	0.600	**MBAS** (mg/L)	**.2**

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		Sec
Flow		Gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: No Flow and sample did not reach field action levels. Catch basin has a drop culvert and water from the water truck collects there but does not flow out.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB05-4	**Latitude**	32.73063	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet outside of zipper line, south of runway 9/27, north of generator yard	**Longitude**	-117.18298		**Hydrologic Area**	908.2
Date	08/04/2008	**TB Page**	1288G1		**Hydrologic Subarea** (Optional)	908.21
Time	0700	**Observer**	KG, KH, AH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	X Partly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.2** _____ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	X None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other _____
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other _____
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other _____
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes X No X Ponded X Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? ☐ Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND** (mS/cm)	24	**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: High Conductivity indicates seawater_____

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB06-5	**Latitude**	32.73581	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet southeast of control tower	**Longitude**	-117.18632		**Hydrologic Area**	908.2
Date	08/4/2008	**TB Page**	1268 G7		**Hydrologic Subarea** (Optional)	908.21
Time	0800	**Observer**	KG,KH,AH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only)	☐ Residential	☐ Commercial	X Industrial	☐ Agricultural	☐ Parks	☐ Open
Land Use (Secondary) (Optional, greater than 10%)	☐ Residential	☐ Commercial	☐ Industrial	☐ Agricultural	☐ Parks	☐ Open
Conveyance (Check one only)	☐ Manhole	☒ Catch Basin	☐ Outlet	☐ Concrete Channel	☐ Natural Creek	☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	X Partly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.2** ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	X None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	☐ None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	X Other	**N/A**
Color	☐ None	☐ Yellow	☐ Brown	☐ White	☐ Gray	X Other	**N/A**
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other	**N/A**
Floatables	☐ None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	X Other	**N/A**
Deposits	☐ None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	X Other	**N/A**
Vegetation	☐ None	☐ Limited	☐ Normal	☐ Excessive		X Other	**N/A**
Biology	☐ None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	x Other	**N/A**

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes **X** No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Dry no water to sample.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB07-6	**Latitude**	32.73083	**Watershed**	**Hydrologic Unit**	908
Location	Discharge of Oil Water Separator at South end of ASIG, near wash rack	**Longitude**	-117.19304		**Hydrologic Area**	908.2
Date	08/04/2008	**TB Page**	1288 F1		**Hydrologic Subarea** (Optional)	908.21
Time	0645	**Observer**	KG, KH, AH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only) ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%) ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only) ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather ☐ Sunny XPartly Cloudy ☐ Overcast ☐ Fog

Tide ☐ N/A X Low ☐ Incoming ☐ High ☐ Outgoing **Tide Height:-.2** ft.

Last Rain X> 72 hours ☐ < 72 hours

Rainfall X None ☐ < 0.1" ☐ > 0.1"

RUNOFF CHARACTERISTICS

Odor	☐ None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	X Other	**N/A**
Color	☐ None	☐ Yellow	☐ Brown	☐ White	☐ Gray	X Other	**N/A**
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other	**N/A**
Floatables	☐ None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	X Other	**N/A**
Deposits	☐ None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	X Other	**N/A**
Vegetation	☐ None	☐ Limited	☐ Normal	☐ Excessive		X Other	**N/A**
Biology	☐ None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	X Other	**N/A**

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Dry.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB07-7	**Latitude**	32.72998	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet south of cargo area in the West Wing parking lot.	**Longitude**	-117.19387		**Hydrologic Area**	908.2
Date	08/04/2008	**TB Page**	1288 F1		**Hydrologic Subarea** (Optional)	908.21
Time	0815	**Observer**	KG		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only)	☐ Residential	☐ Commercial	X Industrial	☐ Agricultural	☐ Parks	☐ Open
Land Use (Secondary) (Optional, greater than 10%)	☐ Residential	☐ Commercial	☐ Industrial	☐ Agricultural	☐ Parks	☐ Open
Conveyance (Check one only)	☐ Manhole	☒ Catch Basin	☐ Outlet	☐ Concrete Channel	☐ Natural Creek	☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	X Partly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.2** ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	X None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	X None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	☐ Other	
Color	X None	☐ Yellow	☐ Brown	☐ White	☐ Gray	☐ Other	
Clarity	X Clear		☐ Slightly Cloudy	☐ Opaque		☐ Other	
Floatables	X None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	☐ Other	
Deposits	X None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	☐ Other	
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other	
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other	

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND** (mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Dry. No water present in catch basin.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB08-8	**Latitude**	32.7318	**Watershed**	**Hydrologic Unit**	908
Location	Grate at end of trench drains near Southwest Airlines Gate 8	**Longitude**	-117.19582		**Hydrologic Area**	908.2
Date	08/04/2008	**TB Page**	1288 F1		**Hydrologic Subarea** (Optional)	908.21
Time	0600	**Observer**	KG,KH, AH		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only)	☐ Residential	☐ Commercial	X Industrial	☐ Agricultural	☐ Parks	☐ Open
Land Use (Secondary) (Optional, greater than 10%)	☐ Residential	☐ Commercial	☐ Industrial	☐ Agricultural	☐ Parks	☐ Open
Conveyance (Check one only)	☐ Manhole	☒ Catch Basin	☐ Outlet	☐ Concrete Channel	☐ Natural Creek	☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	X Partly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:__-.2____**ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	X None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	☐ None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	X Other _____
Color	☐ None	☐ Yellow	☐ Brown	☐ White	☐ Gray	X Other _____
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other _____
Floatables	☐ None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	X Other
Deposits	☐ None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	X Other
Vegetation	X None	☐ Limited	☐ Normal	☐ Excessive		☐ Other _____
Biology	X None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	☐ Other _____

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? X Yes ☐ No ☐ Irrigation Runoff ☐ Other: _____

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? ☐ Yes ☐ No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? **Yes** ☐ **N**

O&G (mg/L)		**Entero.** (MPN/100mL)		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS:_____

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB12-9	**Latitude**	32.7351	**Watershed**	**Hydrologic Unit**	908
Location	Grated inlet northwest of terminal 2 west	**Longitude**	-117.2044		**Hydrologic Area**	908.2
Date	08/04/2008	**TB Page**	1268 E7		**Hydrologic Subarea** (Optional)	908.21
Time	0620	**Observer**	KG,KH,ah		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	XPartly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.2** ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	x None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	☐ None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	X Other	**NA**
Color	☐ None	☐ Yellow	☐ Brown	☐ White	☐ Gray	X Other	**NA**
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other	**NA**
Floatables	☐ None	☐ Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	X Other	**NA**
Deposits	☐ None	☐ Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	X Other	**NA**
Vegetation	☐ None	☐ Limited	☐ Normal	☐ Excessive		X Other	**NA**
Biology	☐ None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	X Other	**NA**

Flow Observed ☐Yes **X** No ☐ Ponded **X** Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes X No ☐ Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		ft
Depth		ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entro.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Small amount of ponded water-not enough to sample. Likely seawater.

San Diego Stormwater Copermittees
Dry Weather Monitoring Field Datasheet

☒ **Routine Investigation** ☐ **IC/ID Follow-Up For** _____

GENERAL SITE DESCRIPTION (NAD 83 decimal degrees to 5th place)

Site ID	CB09-10	**Latitude**	32.7301	**Watershed**	**Hydrologic Unit**	908
Location	Curb inlet on Terminal 2 parking entry road	**Longitude**	-117.1999		**Hydrologic Area**	908.2
Date	08/04/2008	**TB Page**	1299 FI		**Hydrologic Subarea** (Optional)	908.21
Time	0830	**Observer**	, KG		**Discharge Area** (Optional)	

Land Use (Primary) (Check one only): ☐ Residential ☐ Commercial X Industrial ☐ Agricultural ☐ Parks ☐ Open

Land Use (Secondary) (Optional, greater than 10%): ☐ Residential ☐ Commercial ☐ Industrial ☐ Agricultural ☐ Parks ☐ Open

Conveyance (Check one only): ☐ Manhole ☒ Catch Basin ☐ Outlet ☐ Concrete Channel ☐ Natural Creek ☐ Earthen Channel

ATMOSPHERIC CONDITIONS

Weather	☐ Sunny	X Partly Cloudy	☐ Overcast	☐ Fog		
Tide	☐ N/A	X Low	☐ Incoming	☐ High	☐ Outgoing	**Tide Height:-.2** ft.
Last Rain	X > 72 hours	☐ < 72 hours				
Rainfall	X None	☐ < 0.1"	☐ > 0.1"			

RUNOFF CHARACTERISTICS

Odor	☐ None	☐ Musty	☐ Rotten Eggs	☐ Chemical	☐ Sewage	X Other	**N/A**
Color	☐ None	☐ Yellow	☐ Brown	☐ White	☐ Gray	X Other	**N/A**
Clarity	☐ Clear		☐ Slightly Cloudy	☐ Opaque		X Other	**N/A**
Floatables	☐ None	X Trash	☐ Bubbles/Foam	☐ Sheen	☐ Fecal Matter	X Other	**N/A**
Deposits	☐ None	X Sediment/Gravel	☐ Fine Particulates	☐ Stains	☐ Oily Deposits	X Other	**N/A**
Vegetation	☐ None	☐ Limited	☐ Normal	☐ Excessive		X Other	**N/A**
Biology	☐ None	☐ Insects	☐ Algae	☐ Snails/Fish	☐ Mussels/Barnacles	X Other	**N/A**

Flow Observed ☐Yes **X** No ☐ Ponded ☐ Tidal

Does the storm drain flow reach the Receiving Water? ☐ Yes ☐ No X N/A

Evidence of Overland Flow? ☐ Yes ☐ No X Irrigation Runoff ☐ Other:

Photo Taken **X** Yes ☐ No **Photo #**

Field Screening Samples Collected? Yes X No

Water Temp (°C)		**NH3-N** (mg/L)		**NO3-N** (mg/L)		**React PO4** (mg/L)	
pH (pH units)		**TURB** (NTU)		**COND (**mS/cm)		**MBAS** (mg/L)	

FLOW ESTIMATION WORKSHEETS

Flowing Creek or Box Culvert

Width		Ft
Depth		Ft
Velocity		ft/sec
Flow		gpm

Filling a Bottle or Known Volume

Volume		mL
Time to Fill		sec
Flow		gpm

Flowing Pipe

Diameter		Ft
Depth		Ft
Velocity		ft/sec
Flow		Gpm

Analytical Laboratory Samples Collected? ☐ **Yes** X **No**

O&G (mg/L)		**Entero.** (MPN/100mL**)**		**Fecal Col.** (MPN/mL)		**Chlorpy.** (*u*g/L)		**Pb** (*u*g/L)	
Hardness (mg/L)		**Total Col.** (MPN/100mL)		**Diazanon** (*u*g/L)		**Cd** (*u*g/L)		**Zn** (*u*g/L)	

COMMENTS: Dry.

Draft Trash Assessment Form

SITE ID: CB01-1 DATE: 8-4-08

LOCATION: Inlet near Jim's Atv TIME: 0730

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
☐ **Marginal**	Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present.
☐ **Submarginal**	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter and debris (>100- 400) . Evidence of site being used frequently by people: many cans, bottles, food wrappers, blankets, or clothing present.
☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB03-2 DATE: 8/4/08

LOCATION: E. END OF RUNWAY TIME: 0715

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
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* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
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Draft Trash Assessment Form

SITE ID: CB05-3 DATE: 8-4-08

LOCATION: RENTAL CAR STORAGE TIME: 0845

OBSERVER: LG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
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☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
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Draft Trash Assessment Form

SITE ID: CB05-4 DATE: 8/4/08

LOCATION: NEAR OLD TELEDYNE TIME: 0700

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
☐ **Suboptimal**	On first glance, little or no trash visible. After close inspection small levels of trash (~10-50 pieces) evident in evaluated area.
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☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB06-5 DATE: 8-4-08

LOCATION: NEAR CONTROL TOWER TIME: 0800

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
EVALUATION OF TRASH INCLUDES*: ☒ MS4 ☐ RECEIVING WATER ☐ BOTH	
☒ **Optimal**	On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.
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☐ **Poor**	Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial levels of litter and debris (>400 pieces).

* In areas where receiving water is accessible and adjacent to dry weather site, trash evaluation must include receiving water.

Site Evaluation for Threat to Human Health and/or Aquatic Health	
☐ **Threat Human Health**	Site poses a threat to human health via swimming, wading, or walking through the area. Trash and debris has the potential to contain chemicals that may bioaccumulate, transmit dangerous bacteria (e.g. medical waste, diapers, human waste), or has the potential for physical harm (sharps, entanglement, nails, etc...). Comments should be added for clarification .
☐ **Threat to Aquatic Health**	Site poses a threat to aquatic health or other wildlife (via contact, ingestion, entanglement, etc...) from the trash and debris present. Trash and debris such as small floatable material that is persistent and can be transported long distances may resemble food and may be ingested. Wire, plastic, fishing line, and other material that has the potential for entanglement. Oil and other visible chemicals or chemical containers falls in this category. Comments should be added for clarification.

Draft Trash Assessment Form

SITE ID: CB07-6 DATE: 8-4-08

LOCATION: OWS @ ASIG TIME: 0645

OBSERVER: KG.

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
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Site Evaluation for Threat to Human Health and/or Aquatic Health	
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Draft Trash Assessment Form

SITE ID: CB07-7 DATE: 8-4-08

LOCATION: WESTWING PARKING TIME: 0815

OBSERVER: KG.

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
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Site Evaluation for Threat to Human Health and/or Aquatic Health	
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Draft Trash Assessment Form

SITE ID: CB08-8 DATE: 8-4-08

LOCATION: SW TERMINAL 1 GATE 8 TIME: 0600

OBSERVER: KG

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
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Site Evaluation for Threat to Human Health and/or Aquatic Health	
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Draft Trash Assessment Form

SITE ID: CB12-9 DATE: 8-4-08

LOCATION: INLET NW OF T2 TIME: 0620

OBSERVER: KG.

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
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Site Evaluation for Threat to Human Health and/or Aquatic Health	
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Draft Trash Assessment Form

SITE ID: CB09-10 DATE: 8-4-08

LOCATION: T-2 ENTRY ROAD TIME: 0830

OBSERVER: KO

PREVIOUS TRASH ASSESSMENT RATING (IF APPLICABLE):

ESTIMATED AREA OF ASSESSMENT L x W (FT):

Amount and Extent of Trash	
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