

San Diego County Regional Airport Authority Fiscal Year 2008-2009 Annual Illicit Discharge Detection and Elimination Report

December 2009

Municipal Stormwater Permit

Annual IDDE Report for Fiscal-Year 2008-2009

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Statement of Certification
for the Fiscal Year 2008-2009
Annual Report for the Illicit
Discharge Detection and Elimination
Component of The Airport Authority
Storm Water Management Program

"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:

November 25, 2009

Signature:

Paul Manasjan

Printed Name:

Title:

Director, Environmental Affairs Department



SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

INTER-OFFICE COMMUNICATION

Date:

June 27, 2003

To:

Thella F. Bowens President/CEO

Ted Sexton

Vice President, Operations

Subject:

From:

Authorization to Sign National Pollutant Discharge Elimination System

(NPDES) Documents

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

Cc: Paul Manasjan, Director, Environmental Affairs

Zane Gresham, Morris & Foerster





30 May 03

1 INTRODUCTION

The Authority submits this Fiscal Year 2008-2009 Annual Report for the Illicit Discharge Detection and Elimination Component of the Airport Authority Storm Water Management Program (FY08-09 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. In following the reporting outline created by the Copermittees, which puts illicit discharge detection and elimination (IDDE) in the same chapter as other monitoring efforts, this report describes specific stormwater management activities related to IDDE conducted by the San Diego County Regional Airport Authority (Authority) during the dry weather season of 2009 (May 1 through September 30) and the wet weather monitoring conducted during the period of July 1, 2008 to June 30, 2009 (fiscal year 2008-2009). These two efforts are collectively referred to as the Authority's Urban Runoff Monitoring Program.

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.

Section 9 of the SWMP describes the 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.

The Municipal Permit specifies the waste discharge requirements for discharges of urban runoff from the MS4s of the jurisdictions named therein and referred to as the Copermittees. The Municipal Permit outlines the responsibilities of 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

The FY08-09 Annual IDDE Report presents a compilation of the Authority's stormwater illicit discharge detection and elimination management efforts as well as the Authority's wet weather monitoring program in the following order:

- 1 Introduction
- 2 Public Reporting of Illicit Discharges and Connections
- 3 Spill Reporting, Response, and Prevention
- 3.1 IDDE Reporting and Response
- 3.2 Sanitary Sewage Spill Prevention and Response
- 3.3 Used Oil and Toxic Materials Disposal
- 4 Urban Runoff Monitoring
 - 4.1 Dry Weather Monitoring
 - 4.2 Airport Wet Weather Monitoring
- 5 Follow-up and Enforcement
- 6 Program Review and Modification

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 PUBLIC REPORTING OF ILLICIT DISCHARGES AND CONNECTIONS

Authority regulations prohibit illegal discharges and illicit 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. As noted in previous 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 FY08-09, there were a total of 196 IDDE events reported to the Authority using either the telephone numbers or the web pages noted above. These 196 IDDE events are discussed further in Section 3.1 below.

3 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 MS4specific 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 FY08-09

Date	Inspection Element
8/04/08	Dry Weather Monitoring (2008 Dry Weather Season)
8/12/08	Quarterly Authorized/Unauthorized Non-Stormwater Discharge
	Monitoring
11/04/08	Monthly Wet Weather Visual Observations
11/18/08 - 11/21/08	Quarterly Authorized/Unauthorized Non-Stormwater Discharge
	Monitoring
12/15/08	Monthly Wet Weather Visual Observations – sample collected
02/16/09	Monthly Wet Weather Visual Observations
02/23/09 - 02/26/09	Quarterly Authorized/Unauthorized Non-Stormwater Discharge
	Monitoring
03/22/09	Monthly Wet Weather Visual Observations
04/03/09 - 04/13/09	Quarterly Authorized/Unauthorized Non-Stormwater Discharge
	Monitoring
05/27/09	Dry Weather Monitoring (2009 Dry Weather Season)
06/25/09	Dry Weather Monitoring (2009 Dry Weather Season), Sampling and
	Follow-up to 05/27/09
07/23/09	Dry Weather Monitoring (2009 Dry Weather Season)
08/27/09	Dry Weather Monitoring (2009 Dry Weather Season), Follow-up to
	07/23/09

3.1 IDDE REPORTING AND RESPONSE

Appendix A presents information on the 196 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 nine categories shown in Table 2. The nature and disposition of all 196 IDDE incidents noted in Table 2 are presented in Appendix A.

Table 2 Summary of IDDE Incidents by Category as Reported During FY08-09*

Incident Category	Number of Incidents
Trash Spill - Airside	71
Improper Storage	38
Petroleum Spill - Airside	28
Trash Spill - Landside	21
Integrated Pest Management	17
Sewage/Triturator	14
Construction Maintenance	4
Petroleum Spill - Landside	3

^{*}See Appendix A for detailed descriptions of each incident.

The most frequently reported type of incident was trash spills on the airside, comprising 36% of the total. The "Trash-Spill Airside" IDDE category has been the most frequently reported issue for five of the last six fiscal years. This trend is related to the Authority's (and the entire aviation community's) concern for 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 increases the chances that a "trash or non-petroleum spill" will occur on the airside.

Improper Storage was the second most frequently reported type of IDDE event, comprising 19% of the total. "Improper Storage" was a new category added to the Authority's IDDE event tracking list this fiscal year after an evaluation of our inspection program identified this as a significant category that should be monitored. This issue is partially related to a lack of indoor storage area available for use by airport tenants. The Authority will continue to track improper storage as an IDDE event in order to determine the best management methods.

Petroleum spills on the airside were the third most frequently reported type of IDDE event, comprising 14% of the total. Approximately 450,000 gallons of jet fuel are 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 five gallons and all spills are cleaned up immediately.

Trash spills that occurred on the landside comprise 11% of the total number of events listed in Table 2. The "Trash -Spill Landside" IDDE category has historically also been one of the more frequently reported issues. This is partially reflective of the impact that approximately 60,000 people a day coming to the airport can have on the facility and also reflects the constant vigilance and scrutiny of Authority staff and airport tenants on site conditions.

The 17 Integrated Pest Management (IPM) issues listed in Table 2 represent 9% of the total and generally involve the appropriate application of pesticides, 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 7% of the total and are discussed in Section 3.2 below.

Construction maintenance incidents and petroleum spills on the airside each represented 2% or less of the total. Relevant aspects of any significant spills or releases 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

14 IDDE incidents related to sewage at SDIA during the reporting period. Nine 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 nine IDDE incidents at the triturator: three involved a mechanical problem with unit; one involved a clog in the sewer line; four involved evidence that layatory waste had been trailed out of the containment area by the lavatory waste truck; and the final one involved a spill from a lavatory waste truck that breached the containment berm. Only one of these nine events involved a sewage spill and none of these nine events impacted the stormwater conveyance system.

Of the five remaining IDDE sewage incidents that did not involve the triturator: two involved leaks or minor spills from lavatory waste trucks operating at the terminals gate and off-loading lavatory waste from aircraft; one involved a grease trap malfunction and spill on the airside; and two involved sewage leaks from buildings on the landside. Each of these spills was addressed immediately, the spills cleaned up, and the problems corrected. None of these five 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 three separate two-day electronic and universal waste collection events in August of 2008, January of 2009 and April of 2009. These three 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 FY08-09, a portion of which includes the universal waste collected at the electronic and universal waste collection events.

Table 3 Hazardous Wastes Disposed of by The Authority During FY08-09

Description of Waste	Quantity Disposed
Hazardous Waste, Solid	80 pounds
Hazardous Waste, Corrosive Liquid	14 gallons
Hazardous Waste, Aerosols, Flammable	40 pounds
Hazardous Waste, Flammable Liquid (Paints and Thinners)	245 gallons
Asbestos and Non-friable Waste	50 cubic yards
Non-RCRA Hazardous Waste, Solid (Absorbent, Soil, Toner, and Debris)	334 tons
Non-RCRA Hazardous Waste, Solid (Oily Debris and/or Diesel	1,965 pounds
Non-RCRA Hazardous Waste, Liquid	2,695 gallons
Non-Hazardous Waste, Solid (Soil)	27.5 tons
Non-Hazardous Waste, Liquid (Rinse Water)	550 gallons
Waste Flammable Solid, Organic	255 pounds
Universal Waste (Fluorescent Lamps, Monitors, Alkali and/or Rechargeable Batteries)	2,500 pounds

4 URBAN RUNOFF MONITORING

The Authority conducts or participates in the urban runoff monitoring programs to meet requirements of the Municipal Permit. Several of these programs are carried out and reported on collectively by the Copermittees. The Authority conducts two stormwater monitoring programs at the airport: a dry weather monitoring program and an Airport wet weather monitoring program. Information relevant to these two programs during FY08-09 is presented below.

4.1 DRY WEATHER MONITORING

The Municipal Permit requires the Authority to develop a program that can identify nonstormwater illegal discharges/illicit connections. The Permit requires observations and water quality analysis of dry weather flows between June and September as a part of the dry weather monitoring program. Appendix D of the SWMP presents the dry weather monitoring program developed for the airport (see SWMP Appendix D-1).

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 four 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 and the City of San Diego on the same day.

The Authority has implemented a dry weather monitoring program since 2003. Over the past six 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 2009 dry weather season; May 27, 2009, June 25, 2009, and July 23, 2009. There were also three follow-up investigations for the 2009 dry weather season conducted in response to the lab results from the dry weather monitoring events. Follow ups were conducted on June 25, 2009 for the May monitoring event, July 23, 2009 for the June monitoring event, and August 27, 2009 for the July monitoring event.

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 based 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 80% 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 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 – no evidence of overland flow was observed but ponded water was present during the May 27, 2009, June 25, 2009, and July 23, 2009 monitoring and follow-up events. On May 27, 2009 slightly cloudy water with a yellow color and some organic floatables was observed in the catch basin. Field samples were collected but no samples exceeded field action levels and therefore no laboratory analysis was conducted. On June 25, 2009 water with a yellow color was observed in the catch basin. Sampling for field action levels showed an exceedance for MBAS. Laboratory samples showed an exceedance only for copper. Recognizance was conducted at the time of the monitoring event and a follow-up field visit was conducted at the site on July 23, 2009 in response to the lab results from the June monitoring event. Neither investigation found evidence of an illegal discharge in the vicinity nor identified upstream sources. On July 23, 2009 water with a yellow color and some fine particulate was observed in the catch basin. Sampling for field action levels showed exceedances for ammonia and MBAS. Laboratory samples showed an exceedance only for copper. Recognizance was conducted at the time of the monitoring event and a follow-up field visit was conducted at the site on August 27, 2009 in response to the lab results from the July monitoring event. Neither investigation found evidence of an illegal discharge in the vicinity nor identified upstream sources.

Site C-B03-2 – no overland flow was observed but water was present and the site was determined to be tidally influenced during the May 27, 2009, June 25, 2009, and July 23, 2009 monitoring events. 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 were performed.

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. Ponded water, likely due to the watering truck, was observed during all three monitoring events; namely, May 27, 2009, June 25, 2009, and July 23, 2009. During the May monitoring event, the water observed in the catch basin was yellow in color, slightly cloudy and contained some sediment and fine particulate. Organic floatables were also noted. Again, during the June event the water observed in the catch basin was yellow in color, and contained some sediment and fine particulate. Some vegetation and insects were also observed during the June event. Field screening on all three days showed no action level exceedances and, therefore, lab tests were not necessary.

Site C-B05-4 - no overland flow was observed but water was present during the May 27, 2009, June 25, 2009, and July 23, 2009 monitoring events. During the July 23, 2009 monitoring event, insects were observed in the catch basin. Based on the high level of conductivity measured at this site, which suggested that the water present was seawater, the site was determined to be tidally influenced, and no further field analyses or laboratory analyses were performed.

Site C-B06-5 – no overland flow was observed during the May 27, 2009, June 25, 2009, and July 23, 2009 monitoring events. On May 27, 2009, the site was dry and some sediment and gravel was observed in the catch basin. On June 25, 2009, some sediment and gravel were present in the catch basin and the water observed was yellow in color. On July 23, 2009, sediment and gravel were present and some insects were observed. During the June 25, 2009, and July 23, 2009 monitoring events, the site was determined to be tidally influenced. The high level of conductivity measured at the site suggested seawater intrusion and no further field analyses or laboratory analyses were performed.

Site C-B07-6 – no evidence of overland flow was observed during the May 27, 2009, June 25, 2009, and July 23, 2009 monitoring events. The site was moist and musty in odor on May 27, 2009, but dry with no odor for the June and July monitoring events. During both the May 27, 2009 and June 25, 2009 monitoring events, sediment and gravel, sheen and/or oily deposits were observed in the catch basin. The presence of sheen has historically been noted at this site and is likely due to its proximity to an oil-water separator and parking area for fuel trucks and other equipment. No other sources were identified in the area at the time of the sampling. Because the site was dry no further field analyses or laboratory analyses were performed.

Site C-B07-7 - the site was dry and no evidence of overland flow was observed during the May 27, 2009, June 25, 2009, and July 23, 2009 monitoring events During the May 27, 2009 and June 25, 2009 monitoring events, sediment and gravel were present in the catch basin with limited vegetation observed in the catch basin in June. Because the site was dry no further field analyses or laboratory analyses were performed.

Site C-B08-8 – ponded, yellow/brown, slightly cloudy water and trash were observed during the May 27, 2009, June 25, 2009, and July 23, 2009 monitoring and follow-up visits. On May 27, 2009 no evidence of overland flow was observed but the color of the water in the catch basin was yellow/brown. Results from the field tests could not be interpreted and/or were inconclusive. As such, laboratory analysis was conducted and showed exceedances for total coliform, copper and zinc. On June 25, 2009 no evidence of overland flow was observed and the color of the water in the catch basin was yellow/brown. Again, results from the field tests could not be interpreted and/or were inconclusive. Laboratory analysis was conducted and showed exceedances for copper and zinc. For both the May and June monitoring events, recognizance was conducted at the time of the event and a follow-up field visit was conducted at the site at later dates (June 25, 2009 and July 23, 2009) in response to the lab results from the monitoring event. Neither investigation found evidence of an illegal discharge in the vicinity nor identified upstream sources. On July 23, 2009 evidence of overland flow was observed at the site and bubbles/foam, sheen, sediment and insects were also observed in the catch basin. Sampling for field action levels showed an exceedance for ammonia. Laboratory samples showed exceedances for copper and zinc. Reconnaissance was conducted at the time of the monitoring event and a follow-up field visit was conducted at the site on August 27, 2009, in response to the lab results from the July monitoring event. Neither investigation found evidence of an illegal discharge in the vicinity nor identified upstream sources.

Site C-B12-9 - no evidence of overland flow was observed during the May 27, 2009, June 25, 2009, and July 23, 2009 monitoring events. Sediment, gravel, and/or fine particulates were observed in the catch basin during all three events and stains were observed during the July event. During all three events ponded water was also observed in the catch basin but the site was determined to be tidally influenced, based on the high level of conductivity measured, and therefore no further field analyses or laboratory analyses were performed.

Site C-B09-10 – the site was dry during the May 27, 2009, June 25, 2009, and July 23, 2009 monitoring events. Although evidence of irrigation runoff was observed during the May monitoring event, no water was present. No evidence of overland flow was observed in June or July when the catch basin was again dry. Sediment and gravel were observed in the catch basin in May, fine particulates in June, and no debris of note in July. No further field analyses or laboratory analyses were performed at this site during any of the monitoring events.

Table 4 lists the dry weather monitoring stations by Site ID, includes a brief description of the location, indicates on which dates, if any, 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), and notes the potential pollutants of concern identified as a result of sampling and analysis.

During the 2009 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 MBAS in June and MBAS and ammonia during the July monitoring event. Laboratory analyses of the ponded water collected at Site C-B01-1 each time reported that copper 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 as potential pollutant of concern are similar to the results from the FY07-08 and FY06-07 dry weather monitoring program and are consistent with the results of the Authority's wet weather monitoring program (discussed in Section 4.2 below). Field sampling of the ponded water at Site C-B05-3 did not exceed action levels during all three monitoring events during the 2009 dry weather season. Subsequently 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 FY07-08 and FY06-07 dry weather monitoring program. Site C-B08-8 had ponded water on all three occasions during the 2009 dry weather season. During the first two 2009 events, results from the field test kits could not be interpreted and/or were inconclusive. Field analysis from the final monitoring event in July identified ammonia as exceeding the field screening action levels. These field results are similar to the results from the FY07-08 and FY06-07 dry weather monitoring program. The laboratory data for all three of the 2009 monitoring events at Site C-B08-8 showed exceedances for copper and zinc, with one of the three monitoring events also showing exceedances for total coliforms. 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 2009 dry weather monitoring season.

Table 4 Dry Weather Monitoring Program Sample Sites During FY08-09

Site ID	Site Description	Dates with Sufficient Water to Sample	Type of Analyses (S, F, L)*	Potential Pollutant(s) of Concern Indentified
CB01-1	Grated inlet inside zipper line, south of FBO, north of	5/27/09*	F	Ammonia, MBAS, pH, Cu, Zn
	runway	6/25/09*	F, L	pH, Cu, Zn
		7/23/09* (routine investigation and follow up)	F, L F, L	Cu, Zn
CB03-2	Grated inlet inside zipper	5/27/09*	S	
	line, south of runway, near	6/25/09*	S	
	B1-D sign	7/23/09		
CB05-3	Grated inlet within the	5/27/09*	F	
	rental car holding lot	6/25/09*	F	
		7/23/09*	F	
CB05-4	Grated inlet, south of	5/27/09*	S	
	runway, north of generator	6/25/09*	S	
	yard	7/23/09*	S	
CB06-5	Grated inlet southeast of	5/27/09	2	
02000	control tower	6/25/09*	S	
		7/23/09*	S	
CB07-6	Inlet pipe, in manhole west	5/27/09		
020, 0	of oil water separator in	6/25/09		
	cargo area	7/23/09		
CB07-7	Grated inlet south of cargo	5/27/09		
	area, west of West Wing	6/25/09		
	8	7/23/09		
CB08-8	Grated inlet northwest of Terminal 1 East, across	5/27/09*	F, L	Ammonia, MBAS, Total Coliforms, Cu
	from Gate 8	6/25/09* (routine	F, L	Ammonia, Total
		investigation and		Coliforms, Cu
		follow-up)		
		7/23/09*(routine	F, L	Ammonia, Total
		investigation and		Coliforms, Cu, Zn
		follow-up)		
		8/27/09 (follow-		
		up investigation)		
CB12-9	Grated inlet in West RON	5/27/09*	S	
		6/25/09*	S	
		7/23/09*	S	
CB09-10	Manhole near Terminal 2	5/27/09		
	Parking Entrance, on north	6/25/09		
	side	7/23/09		

^{*} Site had sufficient water to sample S = Sample conductivity suggests seawater and no further analyses conducted. F = Field analyses conducted. L = Laboratory analyses conducted.

4.2 AIRPORT WET WEATHER MONITORING

The Authority has developed a wet weather monitoring program to address three objectives: 1) to comply with the General Industrial Permit requirements applicable to the airport; 2) to identify and characterize pollutants-of-concern (POCs); and 3) to measure BMP effectiveness. The wet weather monitoring program is described in detail in Appendix D.2 of the SWMP. The monitoring program includes three sampling elements designed to address the three objectives of the program:

- 1. Compliance sampling performed to comply with the General Industrial Permit; and
- 2. Source identification sampling a multi-year effort performed to identify and rank sources of pollutants of concern at SDIA in terms of annual mass loading in stormwater, identify the potential for reduction in the concentrations of these pollutants of concern through BMP implementation, and identify that combination of sources best addressed through BMP implementation to achieve pollutant load reduction objectives; and
- 3. BMP Effectiveness sampling a multi-year effort to monitor the performance and effectiveness of BMPs. Structural and non-structural BMP performances are being evaluated at locations that receive runoff from both industrial and non-industrial drainage basins to assess whether the BMPs are reducing pollutant concentrations (for both primary and secondary pollutants of concern) below benchmark values and whether BMPs are achieving the short-term and long-term pollutant load reduction objectives developed by the Authority for the primary pollutants of concern at SDIA (specifically, copper and zinc).

All the sampling locations are described in Appendix D-2 of the SWMP. The sampling locations selected for compliance monitoring are the same 10 sites used in the dry weather monitoring program and listed in Table 7-4 above. There are fourteen sampling locations used to characterize the quality of non-industrial stormwater runoff associated with vehicle and aircraft use and emissions, atmospheric deposition, and galvanized metal structures, particularly metal roofs. For BMP effectiveness monitoring, 7 sampling locations were selected from the 14 source identification sampling locations to minimize the number of additional sampling locations.

The results of the FY08-09 wet weather monitoring program were detailed by MACTEC Engineering and Consulting, Incorporated, in a report entitled "Draft 2008-2009 Storm Water Sampling Summary Report," and dated July 2009. The FY08-09 wet weather season resulted in a total rainfall of 9.12 inches at SDIA compared to the annual average rainfall of 10.2 inches. During the FY08-09 wet weather season, sampling activities were performed during six storm events. Table 5 provides a summary of the total rainfall and duration of each storm.

Table 5 Sampled Storm Event Summary

Event	Date	Total Rainfall (inches)	Event Duration (hours)
1	11/26/2008	0.93	6.2
2	12/15/2008	0.98	17.7
3	12/22/2008	0.44	3.5
4	2/5/2009	0.40	16.8
5	2/16/2009	0.47	4.7
6	3/22/2009	0.12	1.1

The compliance sampling element of the program was completed during the first two storm events of the season November 26, 2008 and December 15, 2008. A total of 20 compliance samples were collected over the two storm events at 10 sampling sites. A summary of the results, showing median, maximum, and minimum values, along with the coefficient of variance, is presented in Table 6.

Table 6 Compliance Sampling Analytical Results Summary

Pollutant of Concern	Units	Median	Coefficient of Variance (%)	Maximum Value	Minimum Value	Number of Samples
Ammonia as N	mg/L	0.83	62.3	2.4	0.29	20
BOD	mg/L	32	53	68	8	20
COD	mg/L	110.5	53.6	242	28	20
SC	μmhos/cm	211	78	791	24	20
Oil & Grease	mg/L	1	39.5	2	0.5	20
рН	pH Units	6.66	7.4	7.8	5.81	20
TSS	mg/L	7.5	92.2	35	1	20
Aluminum, Total	μg/L	445	136	5,300	25	20
Copper, Total	μg/L	130	91	590	8.6	20
Iron, Total	μg/L	735	127.1	6,600	25	20
Lead, Total	μg/L	5.15	114.9	34	1	20
Zinc, Total	μg/L	265	81.9	1,200	19	20
Copper, Dissolved	μg/L	73.5	107.8	490	5.8	20
Zinc, Dissolved	μg/L	235	69.9	490	10	20
Ethylene Glycol	mg/L	5	0	5	5	20
Propylene Glycol	mg/L	5	0	5	5	20
MBAS	mg/L	0.155	52.3	0.34	0.025	20
Diesel Range Organics	mg/L	0.4	115.5	1.9	0.025	20
Jet-A	mg/L	0.025	0	0.025	0.025	20
Oil Range Organics	mg/L	1.1	60.1	3	0.35	20

Table 7 shows a comparison of the median concentrations calculated for the compliance sampling pollutants of concern to the benchmarks, to determine the number of benchmark exceedances that occurred. Specific conductivity, oil and grease, total suspended solids, total zinc and ethylene glycol did not exceed the benchmarks. Total copper and total iron both had exceedance frequencies of 95%. Biologic oxygen demand (BOD), dissolved copper, and dissolved zinc each exceeded the benchmarks in over 50% of the samples. The remaining pollutants of concern exceeded the benchmarks in 45% or less of the samples. These results are consistent with historical data for POCs at SDIA. The source identification sampling and BMP effectiveness monitoring efforts are designed to help assess the need for potential stormwater management program changes. As monitoring and sampling continue in the future, possible sources of the analytes that exceeded the benchmarks, as well as the status of BMP implementation, will continue to be evaluated and modified as needed.

Table 7 Comparison of Compliance Sampling Results to Benchmarks

Pollutant of Concern (units)	Median Concentration	Benchmark	No. of Analyses	No. of Exceedances	Exceedance Frequency
Ammonia-N (mg/L)	0.83	2.14	20	2	10%
	32	30	20	11	55%
BOD (mg/L)					
COD (mg/L)	110.5	120	20	9	45%
Specific Conductivity* (μmhos/cm)	211	900	20	0	0
Oil & Grease (mg/L)	1	15	20	0	0%
pH (pH unit)	6.66	6.0-9.0	20	1	5%
TSS (mg/L)	7.5	100	20	0	0%
Aluminum, Total (μg/L)	445	750	20	8	40%
Copper, Total (µg/L)	130	14	20	19	95%
Copper, Dissolved (µg/L)	73.5	14	20	19	95%
Iron, Total (μg/L)	735	1,000	20	8	40%
Lead, Total (µg/L)	5.15	82	20	0	0%
Zinc, Total (μg/L)	265	120	20	16	80%
Zinc, Dissolved (µg/L)	235	120	20	14	70%
Ethylene Glycol (mg/L)**	5	100	20	0	0%

The source identification sampling element of the program was performed during all six storm events of the FY08-09 wet season. The parking lot sites were sampled for six storms and the airport operations sites were sampled for five storms. Those source identification sites, which also double as the BMP effectiveness sites, were sampled for the complete list of pollutants of concern used in the compliance sampling component of the program. A summary of the statistics (median, maximum, and minimum values, number of samples, along with the coefficient of variance) on analytical results from all source identification samples collected for the past three seasons (2006-2007, 2007-2008, and 2008-2009), is presented in Table 8.

Table 8 Source Identification Sampling Analytical Results Summary

Pollutant of Concern	Units	Median	Coefficient of Variance (%)	Maximum Value	Minimum Value	Number of Samples
BOD	mg/L	18	75.1	84	3.5	81
COD	mg/L	45	68.4	218	10	81
SC	μmhos/cm	130	48.3	378	39	81
Oil & Grease	mg/L	1	58.0	4	0.5	81
pН	pH Units	7	7.8	8.9	5.5	81
TSS	mg/L	6	131.1	91	0.5	81
Aluminum, Total	μg/L	120	174.3	3,915	25	81
Copper, Total	μg/L	35	203.4	2,000	5.4	117
Iron, Total	μg/L	150	157.3	5,605	20	81
Lead, Total	μg/L	1	184.3	55.5	1.0	81
Zinc, Total	μg/L	98.5	411.7	21,000	14	117
Copper, Dissolved	μg/L	22	232.8	1,700	2.9	117
Zinc, Dissolved	μg/L	78	479.8	20,000	2.4	117
Ethylene Glycol	mg/L	5	56.7	29.1	5	81
Propylene Glycol	mg/L	5	110.5	58	5	81

Table 9 shows the relationships between pollutant source areas and the sampling sites. The results in Table 9 suggest that roofs are a larger source of zinc than other source areas and that the runway/ramp area is a larger source of copper. The total copper loads for the parking lots and airport operations are similar and there is no statistical difference between them. Ranking the pollutant sources from highest to lowest pollutant load, the list appears as follows: 1) for total copper - runway/ramp, roofs, airport operations, parking lots; 2) for total zinc - roofs, runway/ramp, parking lots, airport operations.

Table 9 Annual Pollutant Load Calculated for Pollutant Source Types

Source	Sampling Locations	Source Area (acres)	Pollutant of Concern	Annual Load ^(a) (lbs)
	S-B08-1 S-B08-2		Copper, Total	2.4
Parking Lots	S-B09-3	80	Zinc, Total	11.43
raiking Lois		80	Copper, Dissolved	1.32
	S-B11-4		Zinc, Dissolved	6.81
	S-B05-5			
	S-B07-6		Copper, Total	28.2
Roof Runoff	S-B12-7	40	Zinc, Total	239 (19.82) ^(b)
Root Ruilott		10	Copper, Dissolved	17.8
	S-B08-8		Zinc, Dissolved	215.2 (14.9) ^(b)
	S-B08-9		Copper, Total	317.6
Dunyyay/Damma	S-B03-10	320	Zinc, Total	122.8
Runway/Ramps		320	Copper, Dissolved	252.8
	S-B06-11		Zinc, Dissolved	108.3
	S-B06-12		Copper, Total	3.71
A :	S-B12-13	00	Zinc, Total	10.16
Airport Operations		90	Copper, Dissolved	2.22
	S-B08-14		Zinc, Dissolved	7.53

⁽a) Results are based on calculations using mean concentrations.

⁽b) Results for values in parenthesis are based on calculations using median concentrations.

The FY07-08 wet weather season source identification sampling results suggest that the runway/ramp areas and roofs be considered priority areas for the implementation of treatment control BMPs to reduce copper and zinc loads in stormwater discharges. The Authority has initiated capital improvement program (CIP) project # 104057, Stormwater Management Pilot Projects, to help identify structural BMPs that might be effective in addressing these two pollutant source areas.

The BMP effectiveness element of the wet weather monitoring program is designed as a six-year study, with the first three years dedicated to study calibration and the following three years designed to evaluate the implementation of various of BMP treatment options. FY08-09 completed the data collection for the three year calibration phase. As such, there is no reason to further discuss the BMP effectiveness element of the wet weather monitoring program in this Annual Report.

5 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. Additionally, there were no unauthorized discharges identified as a result of the dry weather monitoring activities conducted in the 2009 dry weather season.

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.

6 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 second year the results of a complete dry weather season monitoring program have been presented in a single report and the first year that they have been combined in this report with our wet weather compliance sampling in order to discuss our urban runoff monitoring efforts as a whole. Information presented throughout this report and the 2008-2009 Municipal Annual Report (particularly Chapter 11-Effectiveness Assessment Component), supports a determination that the Authority's stormwater management efforts, including the IDDE and wet weather compliance sampling components, have proven to be effective and are in general compliance with the Municipal Permit.



Appendix A

FY08-09 Illicit Discharge Detection and Elimination Report Log

FY08-09 Illicit Discharge Detection and Elimination Report Log

Subject	Date	Description
Trash-Spill Airside	7/1/2008	07:30 Flagship called to report the trash compactors in T2E, AA and T1 are full and trash is building up on the ramp. Notified Allied Waste.
Trash-Spill Airside	7/1/2008	09:05 Maintenance called to advise the pallet bin is full. Spoke with Allied Waste.
Trash-Spill Airside	7/1/2008	11:20 MX9 and Z2 retrieve 6 bags of trash on the west ramp. Briefed DL service crews regarding FOD issues.
Trash-Spill Airside	7/3/2008	08:49 Overflow water and sediment/dirt from DL HVAC unit. Contacted Ocean Blue for clean up. Observed spill on AOA near Gate 39. Contacted GAT and DL. Spill determined to be water with sediment. Advised Environmental.
Trash-Spill Airside	7/4/2008	12:58 Recovered FOD on Runway 27 reported by ATCT. ATCT advised.
Petroleum-Spill Airside	7/7/2008	16:26 Aircraft vented fuel out wing. ASIG used absorbent and brooms to clean up area. No storm drain involvement. Environmental was advised. HPD generated report.
Sewage Spill	7/7/2008	06:30 WN reports that the grease trap near G1/G2 is overflowing onto the ramp again. Host was called to respond and he reported that they well get the rooter contractor out again to blast the line which appears to be clogged. 09:00 Host reports that the rooter contractor is on site and remedying the problem. Host was instructed to clean up the dam to contain the flow when they are finished cleaning up.
Trash-Spill Landside	7/8/2008	16:47 ATO reports there is broken glass curbside on the west end of the CT.
IPM	7/11/2008	13:07 Alaska Airlines called to report a beehive on their belt loader at Gate 18. Notified Maintenance.
Petroleum-Spill Airside	7/12/2008	21:26 Z3 reports fuel spill from Express Jet on CT; Z3 responding to investigate. 21:28 Z3 on site, contacted Express Jet mechanic who reported that while troubleshooting a fuel leak from the right wing, he damaged a fuel flow control rod causing a leak.2
Petroleum-Spill Airside	7/12/2008	22:55 Landing AA Eagle exiting at Twy B-5 experienced a break failure warning while taxiing to CT ramp. Broken hydraulic line spilled fluid on hot wheel producing smoke. Smoke disspated after several minutes. Fluid soaked with absorbent.22:55 No storm drains were affected.
Petroleum-Spill Airside	7/18/2008	offloading ULDs from a plane at Gate 31.No storm drains were affected.
IPM	7/21/2008	12:09 DL reports there is a large amount of bees inbetween Gates 37 and 38. Notified MX.
Petroleum-Spill Airside	7/23/2008	07:40 United reported a fuel spill at Gate 14. Zebra 2/3 and Maintenance responded.
Petroleum-Spill Airside	7/24/2008	18:39 ASIG reports a five gallon fuel spill at the FEDEX area. Fed Ex mechanic said that an over flow valve in the aircraft malfunctioned. Notified Zebra 2. No storm drains
Petroleum-Spill Airside	7/25/2008	affected. 07:56 American reported a hydraulic spill at Gate 31. Spill was about 3-4 gallons. Z2 responded.10:10 loader was working a flight and hydraulic line blew resulting in leak
Petroleum-Spill Airside	7/26/2008	on the ramp. No drains were affected. HPD was not notified due to the small size. 22:45 Fuel spill occurred at Gate 23. Mis-communication between ASIG fueler and Exec Air Mechanic while performing a manual refueling operation on the right wing of a
		Jetblue Airbus. Appx. 15 gallons were spilled, no drains affected.
IPM	7/30/2008	06:10 Southwest called to report a rodent in the Gates 1 and 2 area. Notified Maintenance.
Trash-Spill Airside	7/30/2008	15:02 Flagship reports the trash comapctor near AA is full. Contacted Allied Waste. They will have someone out tomorrow. Notified Z2 and Flagship.12:10 Flagship called to report that the compactor at American Airlines, T2E is overflowing or out of service.
Trash-Spill Airside	8/1/2008	07:10 Southwest called to report that the trash comapctor by Gates 1 and 2 is full. Notified Allied Waste.
IPM	8/3/2008	12:24 ATO reports there is a dead rat curbside T1 near the Valet Parking area. Notified Maintenance.
Trash-Spill Airside	8/3/2008	10:54 Contacted GAT to have trash by stairs from terminal between Gates 37 and 38 on the back of DL provisioning truck and on the back of their lav truck properly stored and disposed of.
Trash-Spill Landside	8/3/2008	12:32 ATO reports there is water coming from an inset water valve curbside UA near one of the handicap ramps. Notified Maintenance.
Trash-Spill Landside	8/4/2008	10:26 ATO reports someone ran over a bottle of shaving cream curbside AA check-in. Advised Flagship.
Improper Storage	8/5/2008	2 tvs, 1 used oil drum without secondary containment and past disposal date, and one hydraulic fluid can without secondary containment were all improperly stored by where the DHL plane parks.
Petroleum-Spill Airside	8/5/2008	Generator at runway light generator house had a drip pan underneath it. Container was very full and needed to be properly disposed of.
Trash-Spill Airside	8/5/2008	Rubber removal disposal dumpster had stains around it on the ground and on the walls of the ramp.
Trash-Spill Airside	8/5/2008	United yard area (on Winship Lane) had water leaving yard and crossing the street toward the storm drain. Employee said is was just water from washing down a piece of equipment.
Trash-Spill Airside	8/5/2008	exuaniment. Trash compactor by United Cargo Area had a spill of trash in front of it (mostly cigarette butts).
Trash-Spill Airside	8/5/2008	T2 connector area was looking moderately messy with some trash on the ground.
Trash-Spill Airside	8/5/2008	IU/:30 HMS Host called to report the trash compactor in T2W is OTS. Notified Allied Waste.
Trash-Spill Airside Trash-Spill Landside	8/5/2008 8/6/2008	07:30 HMS Host called to report the trash compactor in T2W is OTS. Notified Allied Waste. ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship.
Trash-Spill Airside Trash-Spill Landside Trash-Spill Landside	8/5/2008 8/6/2008 8/11/2008	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship. 06:51 Notified by Environmental of water main leak in the SAN Park Harbor Drive parking lot. Lindbergh Parking had been notified and will barricade the area off.
Trash-Spill Landside Trash-Spill Landside	8/6/2008 8/11/2008	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship. 06:51 Notified by Environmental of water main leak in the SAN Park Harbor Drive parking lot. Lindbergh Parking had been notified and will barricade the area off. Environmental has notified the City of the water leak.
Trash-Spill Landside Trash-Spill Landside Construction Maintenance	8/6/2008 8/11/2008 8/12/2008	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship. 06:51 Notified by Environmental of water main leak in the SAN Park Harbor Drive parking lot. Lindbergh Parking had been notified and will barricade the area off. Environmental has notified the City of the water leak. Broken sandbags near Gate 3 (Southwest)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage	8/6/2008 8/11/2008 8/12/2008 8/12/2008	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship. 06:51 Notified by Environmental of water main leak in the SAN Park Harbor Drive parking lot. Lindbergh Parking had been notified and will barricade the area off. Environmental has notified the City of the water leak. Broken sandbags near Gate 3 (Southwest) Red storage cart without lid (American Eagle)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage	8/6/2008 8/11/2008 8/12/2008 8/12/2008 8/12/2008	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship. 06:51 Notified by Environmental of water main leak in the SAN Park Harbor Drive parking lot. Lindbergh Parking had been notified and will barricade the area off. Environmental has notified the City of the water leak. Broken sandbags near Gate 3 (Southwest) Red storage cart without lid (American Eagle) Lavatory trucks have open bucket on the back of truck (Express Jet)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage	8/6/2008 8/11/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship. 06:51 Notified by Environmental of water main leak in the SAN Park Harbor Drive parking lot. Lindbergh Parking had been notified and will barricade the area off. Environmental has notified the City of the water leak. Broken sandbags near Gate 3 (Southwest) Red storage cart without lid (American Eagle) Lavatory trucks have open bucket on the back of truck (Express Jet) Both closed and open paint containers without secondary containment near Gate 3 (open containers from contractor?) (Southwest)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage	8/6/2008 8/11/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship. 06:51 Notified by Environmental of water main leak in the SAN Park Harbor Drive parking lot. Lindbergh Parking had been notified and will barricade the area off. Environmental has notified the City of the water leak. Broken sandbags near Gate 3 (Southwest) Red storage cart without lid (American Eagle) Lavatory trucks have open bucket on the back of truck (Express Jet) Both closed and open paint containers without secondary containment near Gate 3 (open containers from contractor?) (Southwest) Open box of material near Gate 2 without secondary containment (Southwest)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage	8/6/2008 8/11/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship. 06:51 Notified by Environmental of water main leak in the SAN Park Harbor Drive parking lot. Lindbergh Parking had been notified and will barricade the area off. Environmental has notified the City of the water leak. Broken sandbags near Gate 3 (Southwest) Red storage cart without lid (American Eagle) Lavatory trucks have open bucket on the back of truck (Express Jet) Both closed and open paint containers without secondary containment near Gate 3 (open containers from contractor?) (Southwest) Open box of material near Gate 2 without secondary containment (Southwest) GAT truck in cargo area needs drip pans (Delta)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage	8/6/2008 8/11/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship. 06:51 Notified by Environmental of water main leak in the SAN Park Harbor Drive parking lot. Lindbergh Parking had been notified and will barricade the area off. Environmental has notified the City of the water leak. Broken sandbags near Gate 3 (Southwest) Red storage cart without lid (American Eagle) Lavatory trucks have open bucket on the back of truck (Express Jet) Both closed and open paint containers without secondary containment near Gate 3 (open containers from contractor?) (Southwest) Open box of material near Gate 2 without secondary containment (Southwest) GAT truck in cargo area needs drip pans (Delta) Near Gate 17, there are both Timco turbo oil containers left out, as well as a bucket containing an oily substance (United)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage	8/6/2008 8/11/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship. 06:51 Notified by Environmental of water main leak in the SAN Park Harbor Drive parking lot. Lindbergh Parking had been notified and will barricade the area off. Environmental has notified the City of the water leak. Broken sandbags near Gate 3 (Southwest) Red storage cart without lid (American Eagle) Lavatory trucks have open bucket on the back of truck (Express Jet) Both closed and open paint containers without secondary containment near Gate 3 (open containers from contractor?) (Southwest) Open box of material near Gate 2 without secondary containment (Southwest) GAT truck in cargo area needs drip pans (Delta) Near Gate 17, there are both Timco turbo oil containers left out, as well as a bucket containing an oily substance (United) Drip pan under chemical dispenser near Gate 11 is full (United)
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FY08-09 Illicit Discharge Detection and Elimination Report Log

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Subject	Date	Description
Trash-Spill Airside	9/19/2008	a lot of trash has accumulated in the area behind blast fence across from the triturator. Trash has also accumulated on top of the storm drain in that area.
Petroleum-Spill Landside	9/20/2008	10:46 ATO reports there is a puddle of oil curbside T1 near the Red Bus stop. Advised MX.
Improper Storage	9/23/2008	UA mechanic shop area improper storage of drums of honey bee deorant
Sewage/Triturator Spill	9/29/2008	1:19 Received a report that the handle is broken for the water at the triturator. Notified Plumber 1.
Improper Storage	10/3/2008	Supplies stored on the west side of the air traffic control tower without adequate cover/containment.
Trash-Spill Airside	10/4/2008	8:10 Flagship called to report that the compactor in TI 1 is not working because the door is broken.MX check on the compactor. The door has fallen off and needs to be
Trasti-Spili Ali side	10/4/2006	
I	10/14/2000	welded, 9:55 Waste Management called to report that the compactor has been replaced.
Improper Storage	10/14/2008	IAS - Drip pan with used dry absorbent left out
Improper Storage	10/14/2008	Southwest at Gate 3 poor housekeeping and improper storage of broken sandbags, fluorescent lights, and boxes of oil
Improper Storage	10/14/2008	New Gate 1A SW hydraulic oil drum by construction site without secondary containment
Trash-Spill Airside	10/14/2008	Host - Grease trap door left open, debris and staining on ground
Trash-Spill Airside	10/14/2008	Southwest end of gate 5 blue juice staining
Petroleum-Spill Airside	10/23/2008	WN reported a hydraulic spill from the recycling trash bin, T1. The hose popped out and is leaking hydraulic fuel. 1310: Maintenance connected the hose back in place and
		cleaned area. Contacted WM to test the level of hydraulic fluid.
Improper Storage	10/24/2008	Cyclone materials left on airside no labels on drums and improper storage.
Improper Storage	10/24/2008	Southwest Airlines improper storage of lavatory cleaner containers, fluorescent lights need proper disposal. Broken sand bags at Gate 3.
	10/27/2008	
Trash-Spill Airside		HMS Host T2 Connector dumpster area evidence of spills and debris. The area is due for a power wash.
Petroleum-Spill Airside	10/30/2008	7:20 Zebra 2 noticed an ASIG fuel truck on north ramp had a fuel spill.ASIG supervisor speculated that a valve on the truck did not fully close druing refueling of a DL
		aircraft; resulting in the fuel spill. Unkown amount of fuel entered the slit trench.
Trash-Spill Airside	10/30/2008	Trash and debris were on the ground around the dumpster in the "bone yard" area.
Petroleum-Spill Airside	11/4/2008	12:42 UAL called to report a slight fuel leak from a DGS Tug located near Gate 16. DGS Tug has a slight leak with a drip pan underneath the fuel line. The drip pan appears
		to be full of water and diesel fuel.DGS will dispose of the drip pan and repair tug.
Trash-Spill Airside	11/7/2008	Observed grease tracks and spills near the grease trap area at the T2 connector it also had a very strong odor.
Construction Maintenance	11/12/2008	Large pile of plastic/trash was left by new gate 1A
Improper Storage	11/12/2008	2 drip pans with soiled kitty litter were left out north side of runway by vehicle gate P-04B
Sewage Spill	11/13/2008	11:13 A sewage coming out of winglet bldg was reported. Environmental was advised. Ocean Blue will provide clean up.
Trash-Spill Landside	11/14/2008	11:40 ATO called to report the curb area at T2E needs to be cleaned and the ash trays emptied. Notified Flagship.
	11/18/2008	
Improper Storage	11/18/2008	In the Landmark operations area drip pans were being used but there were still stains around them. Drums without secondary containment. Compressed gas tank not
Improper Steres	11/10/2222	stored property.
Improper Storage		Used oil containers on top of Executive Air GSE truck and oil spills on truck (in capital cargo area near plane)
Improper Storage	11/18/2008	observed a compressed gas tank stored in an unusual way at the ARFF station
Petroleum-Spill Airside	11/18/2008	In the DHL/airborne express operations area fresh oil stains and absorbent left out on an oil stain.
Trash-Spill Airside	11/18/2008	debris and trash surrounding the "bone yard" dumpster
Trash-Spill Airside	11/18/2008	observed trash and debris scattered in the United maintenance shop area
Petroleum-Spill Airside	11/21/2008	oil staining and fresh oil on ramp between US Air gates 34 and 35. Supply carts with cleaning products and oil on back also observed in this area.
Petroleum-Spill Airside	11/21/2008	At Delta Gate39 there was fresh oil staining and evidence of leftover absorbent from a previous oil spill.
Sewage Spill	11/21/2008	In the American Airlines operations area environmental affairs staff observed blue juice leaking from the plane while the plane was hooked up to lav waste truck. Blue juice
Sewage Spill	11/21/2006	
Total Coll Month	44 (04 (0000	staining was also observed on the ramp near gate 27.
Trash-Spill Airside	11/21/2008	staining and evidence of blue juice leaks at southwest gates
Trash-Spill Airside	11/21/2008	HMS Host - staining by grease trap on ground and by trash containers (gates 10 and 11)
Trash-Spill Airside	11/21/2008	United Airlines - by gate 12 Airserve has a hand washing station. The water bin contains degreaser, is not in a secure place, and is overflowing.
Trash-Spill Airside	11/21/2008	DAL Global - Trash cart dripping between gates 25 and 23 (american airline gates)
Trash-Spill Airside	11/24/2008	Staining/material all over ground and ramp by rubber removal dumpster (laocated next to air traffic control tower)
Trash-Spill Landside	11/24/2008	10:29 ATO Paging reports there is anti-freeze curbside T1 near WN check-in. Notified MX.
Trash-Spill Airside	12/5/2008	Observed oil, trash, and lavatory chemical spills at SWA Gate 4.
Sewage/Triturator Spill	12/5/2008	Toilet paper trail at trituator entrance. Notified Ocean Blue to clean up.
Sewage Spill	12/11/2008	12:35 Valet Services called to report a sewer leak under the Quiter Home Building. Notified MX. Environmental contacted Ocean Blue.1:05 The QHP has an overfilled lav
		Itank.
Petroleum-Spill Airside		
Trash-Spill Airside	12/12/2008	fresh oil on ramp at United gate 12
LL GOLFOPHI ALI SIUC	12/12/2008 12/12/2008	fresh oil on ramp at United gate 12 trash compactor area between commuter terminal and terminal 1 needs to be cleaned up. Large debris and grime around dumpsters.
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FY08-09 Illicit Discharge Detection and Elimination Report Log

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Subject	Date	Description
Trash-Spill Airside	2/23/2009	SDCRAA - some lose trash has accumulated in the bone yard area
IPM	2/24/2009	11:00 Aztec reported a snake in the planters by the flagpole. MX and Z3 responded and removed the snake for Epic/Contractor to pick up.
Trash-Spill Airside	2/24/2009	12:30 Flagship reported the dumpsters near AA is overflowing and trash is outside the dumpster. Notified Zebra 2 and contacted Waste Management.
Trash-Spill Airside	2/24/2009	15:29 Flagship reported trash compactor by AA is full. Notified Waste Management Account Rep.
Trash-Spill Landside	2/25/2009	10:04 Airport 10 reported UPS dumpsters are overflowing. Dumpsters on public side of airport. Contacted Waste Management. 9:56am Empty US Air trash carts were tiped over and liquid was leaking from them. Motor oil and other supply bottles need better secondary containment (btw gates 33-
Improper Storage Improper Storage	2/26/2009	9:35am Emply OS Air trash can't were tiped over and indid was leaking from them. Motor oil and other supply bottles need better secondary containment (blw gates 33-36). They are currently just stored under the stairs. 9:15am - Executive Air - Drums were observed being stored outside without secondary containment. Spoke with employee onsite and drums were immediately relocated.
Petroleum-Spill Airside	2/26/2009	7:04 Tower reported UAL-737-300, leaking fuel while taxing, 7:10 Aircraft returned to gate and deplaned, 7:11 DAO briefed, 7:15 Zebra 2 cancelled alert, 7:16 Zebra 2
Trash-Spill Airside	2/26/2009	7:04 I ower reported DAL-737-300, leaking their write taking. 7:10 Aircraft returned to gate and deplaned. 7:11 DAC othered. 7:15 Zebra 2 cancelled alert. 7:16 Zebra 2 closed Twy B between B5 and B6 for clean-up. Spill is approx. 5-10 gallons of hydraulic fluid. 9:22AM Coolant spilled in Delta yard area during maintenance activities. It was reported to employees to clean up immediately.
Trash-Spill Airside	2/26/2009	7.224m Coolant spined in Detail yand area uning maintenance activities. It was reported to employees to clean up immediately. 9.424M Northwest Afrilines - no lids on several transforans between gates 24 and 26.
Petroleum-Spill Airside	2/27/2009	19:15 Flagship adviced that the recycle compactor in T2W is not working. MX notified.
Construction Maintenance	3/3/2009	11:05 am Runoff from US Post Office demolition project entering storm drains on Winship Lane.
Trash-Spill Landside	3/3/2009	10:30 am Cigarette butt litter in planters at T2E transportation islands.
Petroleum-Spill Airside	3/10/2009	10:30 ELS reported Diesel Spill at Gate 22. Met ELS employee's working on the jet bridge at Gate 22, no aircraft parked at gate. Spill location on the lead-in line for Gate 22. Spill less than 1-gallon. Contacted ATS manager. ATS determined that it wasn't
IPM	3/11/2009	14:00 US Airways reported flies and other insects in their ops office underneath Gate 36. MX1 notified.
Trash-Spill Airside	3/11/2009	10:10 TOC reported dumpster in WN cargo area is full. Contacted Waste Management.
Petroleum-Spill Airside	3/12/2009	2:35pm Generators by runway lighting vault are leaking and drip pans do not appear big enough to catch all the leaks. Stains are forming around the drip pans.
Trash-Spill Airside	3/12/2009	1:40pm Area that used to be occupied by UPS, in front of the commuter terminal, has some larged stains.
Trash-Spill Airside	3/12/2009	2:15pm a trash can was open and knocked over in the capital cargo operational area.
Trash-Spill Airside	3/12/2009	2:15pm - Capital Cargo - Trash can had been tiped over and was open in the capital cargo area
Trash-Spill Landside	3/12/2009	9:36 ATO reported wonit curbside WN check-in. Notified Flagship.
Petroleum-Spill Landside Trash-Spill Landside	3/13/2009 3/17/2009	10:30 SOC requested clean-up at T1 curbside, in front of Bag claims 1, 2, & 3 for antifreeze. Contacted FMD Main line/ x2725. M1 responded. 10:20 ATO requested clean-up for broken glass under T2 ped bridge and by Delta curbside. Flagship responded.
Improper Storage	3/20/2009	1:35am - Landmark Aviation - Drip pan was left out when it was not in use.
IPM	3/20/2009	1.3.22 WN reported a swarm of bees at loading dridge 8: Mx notified. 13.33 Mx reported that they checked the area and have not found the swarm.
Petroleum-Spill Airside	3/20/2009	2:25pm - @ Delta gates 38 through 40 there were multiple oilly spill areas, many fresh stains, and the substance had been tracked all over the area by vehicles or carts.
		There was some evidence that some absorbent had been used but was not sufficient.
IPM	3/26/2009	14:25 Delta Ops reported a swarm of bees at gate 38. Notified Maintenance.
IPM	3/26/2009	14:53 GAT reported a swarm of bees clustering on a tow bar located at gate 38. Notified MX1. Contractor is en-route to take care of bees.
Trash-Spill Landside Trash-Spill Landside	3/26/2009 3/27/2009	11:54 ATO reported a spill curbside at the CT. Notified Flagship. 5:50 Zebra 2 advised of a vehicle on fire in Lot 8. HPD and SDFD en route. ATO Lead/TSA Ops advised. Left message for DAO. 6:00 Fire out and did not affect other
Trasn-spili Landside	3/2//2009	5:50 Zebra Z advised or a venice on line in Lot 6. RPD and SDPD en route. ATO Leady I SA Ops advised. Let t message for DAO. 6:00 Fire out and did not affect other vehicles. MPR, DLO, VPD, LPI advised. LPI advised.
Trash-Spill Airside	3/29/2009	11:01 Zebra 2 advised the trash compactor T2 in OTS and notified Waste Management.
Improper Storage	4/3/2009	1:30pm Allied Aviation - Need to provide secondary containment for fuel cart(s) and stored chemicals (e.g. put on a pallet), and provide cover for material storage area.
Petroleum-Spill Landside	4/6/2009	Also, before fire hydrant testing, sweep/clean surfaces and/or berm storm drains to prevent runoff. 11:28 ATO reported a good size radiator fluid spill curbside WN check-in area. MX notified.
Improper Storage	4/8/2009	10:30am Aeromexico - Need to repair or perform maintenance on the Swissport truck, which is currently used as material storage, to ensure that there are no leaking fluids,
Improper Storage	4/10/2009	and perform regular inspections to ensure there are no leaks. 10:00am ATI - One of the trash cans was full and did not have a cover. Properly dispose of trash, ensure that trash cans are emptied regularly and add a cover/lid.Also,
IPM	4/10/2009	there is a stockpile of metal bars on a wooden pallet outdoors. Remove/dispose of them. 10:50 Swarm of bees at the base of escalators at T2W parking lot reported. Bee hive in nearby palm tree. FMD notified. 12:03 Bee contractor on site and contained site
Improper Storage	4/13/2009	using caution tape. 10:30am United -1) Container used to add "blue juice" to lavatory service trucks outside the maintenance shop is leaking/dripping. 2) The haz, waste accumulation area
		outside the maintenance shop is not fully covered.3) A battery without secondary containment.
Improper Storage	4/14/2009	9:00am Landmark - The waste/used oil tank is not sufficiently covered. Need to provide extended cover so that rain cannot contact the tank.
Improper Storage	4/16/2009	9:00am US Air - 1) Some hazardous waste and waste oil storage drums were not properly labeled. 2) Need to provide timely disposal of accumulated hazardous waste to prevent overflow of waste, and keep waste containers covered. 3) Evidence of spills/leaks
IPM	4/18/2009	12:37 AA reported swarm of bees between gates 25 & 27. MX notified. MX advised Aztec will be on site in approx. two hours. Zebra units advised. 15:10 Beekeeper on-site.
Improper Storage	4/20/2009	1:30pm HMS Host -need secondary containment for the three (3) 250-gallon grease containers (one is located at Terminal 1 behind Chili's; one is by T2 connector; and one is outside the HMS Host maintenance shop by gate 25).
Trash-Spill Airside	4/28/2009	10:00am ARFF - 1) Damaged sand bags next to the storm drain behind ARFF building need to be replaced. 2) Dumpsters should be moved away from the storm drain in
Improper Storage	4/29/2009	order to prevent accidental leaks from reaching the storm drain. 9:00am FedEx - Covers for EDCO dumpsters were open. Lids should be kept closed at all times, except for when trash disposal is taking place.
Petroleum-Spill Airside		19:10 Southwest aircraft at Gate 5 leaking hydraulic fluid on right main, producing smoke, smoke dissipated upon Z-2 arrivals, less than 1 qt fluiud leaked on ground; WN
		cleaning up with Quicksorb, no fluid in drains, no ARFF response required.
Trash-Spill Airside	5/12/2009	9:31 HMSHOST reported clogged drains near trash compactors at T2W Loading Dock. Plumber notified.
Improper Storage	5/15/2009	10:04 am ELS - Outdoor trash cans did not all have lids and waste/waste oil storage drums were not properly labeled.
Trash-Spill Airside Trash-Spill Airside	5/20/2009 5/20/2009	20:52 Southwest staff reported Northwest spilled a container of pamphlets at Gate 5, East Ramp area. Zebra 2 on-site. 20:52 Tower reported FOD near Gate 5 as reported to Tower by SWA pilot. FOD was 1"X1" coupons covering the ramp area. An airport employee reported that he saw the
Trash-Spill Airside	5/21/2009	coupons fall off a NWA bag cart. SWA Operations notified. 16:01 Removed FOD from WN ramp as reported by a passing aircraft. Also removed FOD from T-2-W alleyway.
IPM	5/23/2009	11:13 LPI reported a swarm of bees by the escalators in the parking lot on the west side of T2. Mx notified.
Trash-Spill Landside	5/23/2009	11.15 ET reported a swarin or weeks by the examination in the principle of in the transportation island of T2. Rightin profiled. 11.15 ET requested that trash cans be emptied on the transportation island of T2. Rightin profiled.
Trash-Spill Landside	5/31/2009	10:15 ATO reported a broken wine bottle curbside at Southwest. Flagship notified.
Trash-Spill Airside	6/6/2009	11:10 Southwest called to report the compactor is not working by E4. Requested maintenance respond. Per Maintenance, Waste Management needs to be contacted.
		Notified Waste Management.
IPM	6/7/2009	11:56 GS-1 gate called to advise she has a swarm of bees circling her area. Notified MX.
IPM Sourge/Triturator Spill	6/18/2009	3:56 ATO reports there is a swarm of bees on the T2 transportation Island. Notified MX-1.
Sewage/Triturator Spill	6/26/2009	10:17 Per request from Z-2, contacted Ocean Blue and requested their assistance with a 20-30 gal lavatory spill by US Airways at the triturator. There spill did not enter any of the storm drains but did flow to the perimeter fence. 2230Left a message with EAD regarding the incident. 2220- Discovered 20-30 gal lavatory spill at triturator; US Air lavatory agent stated the coupling came off as he was dumping the truck, spilling the truck contents outside the triturator building drain containment (he was staring at the flow when I arrived); advised agent to move the truck forward in the building to contain more of the spill and begin clean-up; contacted US Ops for additional assistance; Requested Z-3 contact Ocean Blue and Environmental; spill migrated to localizer building, across perimeter road and under the perimeter fence; no drains in the area; spill was contained between the fences and did not reach the Solar parking lot.
Trash-Spill Landside	6/27/2009	10:03 T1 ATO reports a trash can overflowing at the Alaska Airlines (AS) Curbside Check-in. Notified Flagship.
Trash-Spill Landside	6/29/2009	4:50 MX-5 reports the trash can is overflowing curbside CO check-in. Notified Flagship.



Appendix B

2009 Dry Weather Monitoring Field Data Sheets, Trash Assessment Forms and Lab Reports

CENEDAL	CITE DECORI	x Routine Investi		AD 00 1		/ID Follow-U	_	r		_	
Site ID	CB01-1	7110N		AD 83 dec itude	32.7325	ees to 5th place		Hydrolo	gic Unit	908	
Location	Catch basin nea	r DHL area	Lon	gitude	-117.17	969	Watershed	Hydrolo	gic Area	908	.2
Date	5/27/2009		ТВ	Page	1288 H	1	hed	Hydrolo (Optiona	gic Subare	ea 908	.21
Time	8:06		Obs	server	KG, AF	I		charge Are	,	 	
Land Use (Proceedings)		□ Residential		x Ir	dustrial	☐ Agricultur	al	□ Parks		□ Open	
Land Use (So	econdary) eater than 10%)	☐ Residential		x Ir	dustrial	□ Agricultur	al	□ Parks		□ Open	
Conveyance (Check one o	nly)	☐ Manhole	x Catch Basin	□С	utlet	☐ Concrete Channel		□ Natural	Creek	☐ Earthen C	Channel
ATMOSPH	IERIC CONDIT	IONS									
Weather Tide Last Rain	 □ Sunny □ N/A X > 72 hours 	☐ Partly Cloudy ☐ Low ☐ < 72 hours	x Overcast x Incoming	□ Fo □ Hi	_	□ Outgoing		Tide Heig	ght:1.4	ft.	
Rainfall	X None	\square < 0.1"	$\square > 0.1$ "								
RUNOFF (Odor Color Clarity Floatables Deposits	x None None Clear None None X None	TICS Musty x Yellow Trash Sediment/Gravel	□ Rotten Egg □ Brown x Slightly Cl □ Bubbles/Fc □ Fine Partic	oudy oam	☐ Chen ☐ White ☐ Opaq ☐ Sheer ☐ Stain	e ue 1		-		Other Other Other Other Other	Organics
Vegetation Biology	x None x None	☐ Limited☐ Insects	□ Normal □ Algae		☐ Exce		□ M	issels/Barnac		Other Other	
Does the sto	orm drain flow r			tion Runof]Yes ff □(x No Other:	□ N //				
Does the sto Evidence of Photo Take	orm drain flow r f Overland Flow en x Yes ing Samples Coll	each the Receiving W ?	ater? No □ Irriga		f [Other:					
Does the sto Evidence of Photo Take Sield Screen Water Temp	orm drain flow r f Overland Flow en x Yes ing Samples Coll (°C) 21	each the Receiving W ?	ater? No □ Irriga	tion Runof	f □(React PO4 MBAS (mg		.6 .75
Does the sto Evidence of Photo Take Tield Screen Water Temp pH (pH units)	orm drain flow r f Overland Flow en x Yes ing Samples Coll (°C) 21 (s) 7.3 FIMATION WO	each the Receiving W ?	No □ Irriga No □ Irriga No □ Irriga No □ Irriga No □ Irriga	tion Runof	NO3	Other:	0		React PO4 MBAS (mg	g/L)	
Does the sto Evidence of Photo Take ield Screen Water Temp pH (pH units FLOW EST Flowi	orm drain flow r f Overland Flow en x Yes ing Samples Coll (°C) 21 s) 7.3	each the Receiving W ?	No ☐ Irriga No ☐ Irriga No ☐ (Mg/L)	tion Runof	NO3	Dther:	0	Diameter	React PO4	g/L) g Pipe	.75
Does the sto Evidence of Photo Take ield Screen Water Temp pH (pH units FLOW EST Flowi	orm drain flow r f Overland Flow en x Yes ing Samples Coll (°C) 21 (s) 7.3 FIMATION WO	each the Receiving W ?	No ☐ Irriga No ☐ Irriga No ☐ Irriga No ☐ (NTU)	tion Runof	NO3	Other:	0	Diameter Depth	React PO4 MBAS (mg	g/L) g Pipe I	.75
Does the sto Evidence of Photo Take Geld Screen Water Temp pH (pH units) FLOW EST Flowing Width Depth Velocity	orm drain flow r f Overland Flow en x Yes ing Samples Coll (°C) 21 (s) 7.3 FIMATION WO	each the Receiving W ?	No ☐ Irriga No ☐ Irriga No ☐ Irriga No ☐ (NTU)	tion Runof	NO3	Dther:	0	Diameter	React PO4 MBAS (mg	g/L) g Pipe I	.75
Does the sto Evidence of Photo Take Field Screen Water Temp pH (pH units FLOW EST Flowi Width Depth Velocity Flow	orm drain flow r f Overland Flow en x Yes ing Samples Coll (°C) 21 (s) 7.3 FIMATION WO	Property of the receiving War	No Irriga	Bottle or K	NO3	Other: B-N (mg/L) ND (mS/cm) ume mL sec gpm	588	Diameter Depth Velocity	React PO4 MBAS (mg	g Pipe I f	.75
Field Screen Water Temp pH (pH units FLOW EST Flowi Width Depth Velocity Flow Analytical Li	orm drain flow r f Overland Flow en x Yes ing Samples Coll (°C) 21 (s) 7.3 FIMATION WO	Property of the receiving Ward of the Receiv	No Irriga	tion Runof	NO3	Other:	0 .588	Diameter Depth Velocity	React PO4 MBAS (mg	g Pipe I	.75

		x Routine Invest	igation		IC/I	D Follow-U	p For	·		_	
GENERAL	SITE DESCRIPT	TION	<u>.</u>	(NAD 83 d	decimal degree	s to 5th place)		_			
Site ID	CB03-2			Latitude	32.72864		Wat	Hydrolog	ic Unit	908	
Location	East End of runw	ay near blast fence		Longitude	-117.1784	43	Watershed	Hydrolog	ic Area	908	.2
Date	5/27/2009			TB Page	1288 J1		<u>E</u>	Hydrolog (Optional)		a 908	.21
Time	0846			Observer	KG, AH		ı	charge Area	ı		
Land Use (P. (Check one o	• •	Residential	Comm	nercial :	x Industrial	Agricultura		Parks	,	Open	
Land Use (S	econdary) eater than 10%)	Residential	Comm	nercial	x Industrial	Agricultura	ıl	Parks		Open	
Conveyance (Check one o		Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural (Creek	Earthen	Channel
ATMOSPI	IERIC CONDITI	ONS									-
Weather Tide Last Rain	Sunny N/A > 72 hours	Partly Cloudy Low < 72 hours	x Overca x Incom		Fog High	Outgoing		Tide Heigl	nt:1.4	ft.	
Rainfall	x None	< 0.1"	> 0.1"	ı							
RUNOFF	CHARACTERIST	TICS									
Odor	None	Musty		en Eggs	Chemi	cal		vage		Other	seawater
Color Clarity	None x Clear	Yellow	Brov Sligh	vn itly Cloudy	White Opaqu	P	Gra	ıy	х	Other Other	seawater
Ciarny Floatables	x None	Trash	-	oles/Foam	Sheen	·	Fec	al Matter		Other	
Deposits	x None	Sediment/Gravel		Particulates	Stains			y Deposits		Other	
Vegetation	x None	Limited	Norr		Excess	sive				Other	
Biology	x None	Insects	Alga	ie	Snails/	'Fish	Mu	ssels/Barnacle	es	Other	
Flow Obse	rved Yes	No Ponde	d x Tida	al							
Does the st	orm drain flow re	each the Receiving \	Vater?		Yes	No :	x N/A				
Evidence o	f Overland Flow?	Yes	ι No	Irrigation Ru	unoff O	ther:			_		
Photo Tak	en x Yes	No Photo#									
				-	·						
-											
Field Screer	ning Samples Coll	ected? Yes NH3	No -N (mg/L)	I	NO3-	·N (mg/L)		1	React PO4	(mg/L)	
	p (°C)	NH3	No -N (mg/L) B (NTU)			N (mg/L) D (mS/cm)			React PO4		
Field Screen Water Tem pH (pH uni	p (°C) is) TIMATION WOI	NH3 TUE	-N (mg/L) B (NTU)	P. 41	CON	D (mS/cm)			MBAS (m	g/L)	
Field Screen Water Tem pH (pH uni	p (°C) is)	NH3 TUF RKSHEETS ulvert	-N (mg/L) B (NTU)	ling a Bottle o		D (mS/cm)		Diameter		g/L) ng Pipe	ft
Field Screen Water Tem pH (pH uni FLOW ES	p (°C) is) TIMATION WOI	RKSHEETS ulvert	-N (mg/L) B (NTU) Fil	ling a Bottle	CON	D (mS/cm)			MBAS (m	g/L)	ft ft
FLOW ES Flow Width	p (°C) is) TIMATION WOI	RKSHEETS ulvert ft V.	-N (mg/L) B (NTU) Fil	ling a Bottle o	CON	D (mS/cm) me mL] [Diameter	MBAS (m	g/L)	
Field Screen Water Tem pH (pH unit FLOW ES Flow Width Depth	p (°C) is) TIMATION WOI	RKSHEETS ulvert ft V.	-N (mg/L) -B (NTU) File blume me to File	ling a Bottle o	CON	me mL sec		Diameter Depth	MBAS (m	g/L)	ft
Field Screen Water Tem pH (pH unit FLOW ES Flow Width Depth Velocity Flow	TIMATION WOI	RKSHEETS ulvert ft Ti ft/sec gpm	-N (mg/L) -B (NTU) Fil	ling a Bottle o	CON	me mL sec		Diameter Depth Velocity	MBAS (m	g/L)	ft ft/sec
Field Screer Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow Analytical I	p (°C) is) TIMATION WOI	RKSHEETS ulvert ft Ti ft/sec gpm es Collected? Entero.	-N (mg/L) -B (NTU) File blume me to File	No Fecal Col.	or Known Volu	me mL sec gpm		Diameter Depth Velocity	MBAS (m	g/L)	ft ft/sec
Field Screen Water Tem pH (pH unit FLOW ES Flow Width Depth Velocity Flow Analytical I O&G (mg/L)	TIMATION WOI	RKSHEETS ulvert ft ft ft/sec gpm es Collected? Entero. (MPN/100mL)	-N (mg/L) -B (NTU) Fil	No Fecal Col. (MPN/mL)	or Known Volu	me mL sec gpm	y.	Diameter Depth Velocity	Flowin	g/L)	ft ft/sec
Field Screer Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow Analytical I	TIMATION WOI	RKSHEETS ulvert ft Ti ft/sec gpm es Collected? Entero.	-N (mg/L) -B (NTU) Fil	No Fecal Col.	or Known Volu	me mL sec gpm	y.	Diameter Depth Velocity	Flowin	g/L)	ft ft/sec

			nvestigation	A		/ID Follow-U	-	r			
	SITE DESCRIP	TION		T .		ees to 5th place	<u> </u>	1			
Site ID	CB05-3			Latitude	32.7378	32	Wai	Hydrolo	gic Unit	90	8
Location	Rental car parkir	ng area		Longitude	-117.18	311	Watershed	Hydrolo	gic Area	90	8.2
Date	5/26/2009			TB Page	1268 H	7	2	Hydrolo (Optiona	gic Subarea al)	90	8.21
Time	10:40			Observer	KG, AF	I		charge Are	ea		
Land Use (Proceedings)	• • •	Residenti	al Com	mercial	x Industrial	Agricultura	al	Parks		Open	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residenti	al Comr	mercial	x Industrial	Agricultura	ıl	Parks		Open	
Conveyance (Check one or	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural	Creek	Earthen	Channel
ATMOSPH	ERIC CONDITI	ONS									
Weather Tide	Sunny N/A	Partly Clo Low	oudy x Overc		Fog High	Outgoing		Tide Heis	ght:1.4	ft.	
Last Rain	x > 72 hours	< 72 hour		· ·	J			•			
Rainfall	x None	< 0.1"	> 0.1'	,							
RUNOFF C Odor	CHARACTERIST x None	Γ ICS Musty	Dott	en Eggs	Chen	nia a 1	C		0	\4L	
Color	None	x Yellow	Brov		White		Sew Gra	-)ther)ther	
Clarity	Clear			ntly Cloudy	Opaq			,		ther	
loatables	None	Trash		bles/Foam	Sheer	ı	Feca	al Matter	хО	ther	Organi
eposits	None x None	x Sediment/Grave		Particulates	Stain		Oily	Deposits		ther	
	x None	Limited	Non								
_	x None	Insects	Alga	mal ie	Exces Snails	ssive s/Fish	Mus	sels/Bamacl		ther ther	
Biology	x None	Insects		ie			Mus	ssels/Bamacl			
Biology Flow Obser	x None	Insects x No Po	Alga onded Tida	ie		s/Fish	Mus	ssels/Bamacl			
Biology Flow Obser Does the sto	x None ved Yes	Insects x No Po	Alga onded Tida ng Water?	ie	Snails Yes	s/Fish	: N/A		les O		
Biology Flow Obser Does the sto Evidence of	x None ved Yes rm drain flow re Overland Flow?	Insects x No Po ach the Receiving	Alga onded Tida ng Water? No	al	Snails Yes	s/Fish No x	: N/A		les O		
Biology Flow Obser Does the sto Evidence of Photo Take	x None ved Yes rm drain flow re Overland Flow? n x Yes	Insects x No Po ach the Receivin Yes No Photo	Alga onded Tide ng Water? No to #	al	Snails Yes	s/Fish No x	: N/A		les O		
Biology Flow Obser Does the sto Evidence of Photo Taker	x None ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Colle	Insects x No Po ach the Receivin Yes No Photected? x Yes	Algaonded Tidang Water? No to #	al	Snails Yes noff x C	No x	: N/A		dust control.	Other	.5
Biology Flow Obser Does the sto Evidence of Photo Taker eld Screening	x None ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 22	Insects x No Po ach the Receivin Yes No Phote cted? x Yes	Alga onded Tide ng Water? No to #	al Irrigation Ru	Yes noff x C	No x Other: Parking lo	x N/A ot uses		les O	mg/L)	.5 .75
Biology Flow Obser Does the sto Evidence of Photo Taker eld Screenin Vater Temp H (pH units)	x None ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 22	Insects x No Po ach the Receivin Yes No Phote cted? x Yes	Algaonded Tide ng Water? No to # No NH3-N (mg/L)	al Irrigation Ru -	Yes noff x C	No x Other: Parking lo	N/A of uses		dust control.	mg/L)	
Flow Obsertion O	x None ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 22) 7.1	Insects x No Po ach the Receivin Yes No Phote cted? x Yes	Algaonded Tidang Water? No to # No NH3-N (mg/L) TURB (NTU)	al Irrigation Ru -	Yes noff x C	No x Other: Parking le	0 5.01	s water for o	dust control.	mg/L) Pipe	.75
Flow Obser Does the sto Evidence of Photo Taker eld Screenin Water Temp OH (pH units) FLOW EST Flowir	x None ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 22) 7.1 IMATION WOR	Insects x No Po ach the Receivin Yes No Phote cted? x Yes The control of	Algaonded Tidang Water? No to # No NH3-N (mg/L) FURB (NTU) Fill Volume	al Irrigation Ru .6 2.2	Yes noff x C	No x Other: Parking le -N (mg/L) ID (mS/cm)	0 5.01	s water for o	dust control. React PO4 (MBAS (mg/I	mg/L) Pipe	.75 Ft
Flow Obser Does the sto Evidence of Photo Taker eld Screenic Water Temp oH (pH units) FLOW EST Flowin Width Depth	x None ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 22) 7.1 IMATION WOR	Insects x No Po ach the Receivin Yes No Phote cted? x Yes The control of	Algaonded Tide ng Water? No to # No NH3-N (mg/L) TURB (NTU) Fill Volume Time to Fill	al Irrigation Ru .6 2.2	Yes noff x C	No x Other: Parking le -N (mg/L) ID (mS/cm) Ime mL sec	0 5.01	S water for o	dust control. React PO4 (MBAS (mg/I	img/L) Pipe	.75 Ft Ft
Flow Obsertion O	x None ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 22) 7.1 IMATION WOR	Insects x No Po ach the Receivin Yes No Phote cted? x Yes The control of	Algaonded Tidang Water? No to # No NH3-N (mg/L) FURB (NTU) Fill Volume	al Irrigation Ru .6 2.2	Yes noff x C	No x Other: Parking le -N (mg/L) ID (mS/cm)	0 5.01	Diameter Depth	dust control. React PO4 (MBAS (mg/I	img/L) Pipe	Ft Ft ft/sec
Flow Obsertion O	x None ved Yes orm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 22 (°C) 22 (°C) 7.1 IMATION WOR ng Creek or Box Cu	Insects x No Po ach the Receivin Yes No Phot cted? x Yes The color of the c	Alganded Tideng Water? No to # No NH3-N (mg/L) TURB (NTU) Fill Volume Time to Fill Flow	Irrigation Ru .6 2.2	Yes noff x C	No x Other: Parking le -N (mg/L) ID (mS/cm) Ime mL sec	0 5.01	S water for o	dust control. React PO4 (MBAS (mg/I	img/L) Pipe	.75 Ft Ft
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		Routine Invest	igation		IC	TD Follow-U	p For	3		
GENERAL	SITE DESCRIPT		9	(NAD 83 d		es to 5th place	-			
Site ID	CB05-4			Latitude	32.7306			Hydrologic	Unit	908
Location	By runway light v	aults //		Longitude	-117.18	301	Watershed	Hydrologic	Area	908.2
Date	5/26/2009			TB Page	1288 G	1	8.	Hydrologic (Optional)	Subarea	908.21
Time	0855			Observer	KG, AH			harge Area ional)		
Land Use (Pr (Check one or		Residential	Comm	ercial	x Industrial	Agricultura	ıl	Parks	Oį	pen
Land Use (Se	econdary) eater than 10%)	Residential	Comm	ercial	k Industrial	Agricultura	ıl	Parks	Oi	pen
Conveyance (Check one or		Manhole	x Catch I	Basin	Outlet	Concrete Channel		Natural Cre	eek Ea	arthen Channel
ATMOSPE	IERIC CONDITION	ONS						340	<u>-</u>	
Weather Fide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overca x Incomi		Fog High	Outgoing		Tide Height:	:- 1.4 ft	
Rainfall	x None	< 0.1"	> 0.1"							
	CHARACTERIST		5	_	a.		•		0.1	G .
Odor Color	x None x None	Musty Yellow	Rotte Brow	n Eggs m	Chen Whit		Sew Gra	•	x Oth x Oth	
Clarity	Clear			tly Cloudy	Opaq			,	Oth	
Floatables	x None	Trash		les/Foam	Shee			l Matter	Oth	
Deposits Vegetation	x None	Sediment/Gravel Limited	Fine Norm	Particulates	Stain Exce		Oily	Deposits	Oth	
Biology	x None	Insects	Algae			s/Fish	Mu	sels/Barnacles	Oth Oth	
Flow Obser	rved Yes	x No Ponde	d x Tidal	l						
		x No Ponde		1	Yes	No >	(N/A			
Does the st		ach the Receiving V	Vater?	l Irrigation Ru		No >			_	
Does the sto	orm drain flow rea	ach the Receiving V	Vater?	rrigation Ru					_	
Does the sto Evidence of Photo Take	orm drain flow real for the flow?	Yes No Photo #	Vater?	rrigation Ru					_	
Does the sto Evidence of Photo Take	orm drain flow real for the flow? En x Yes Ling Samples Colle	Yes Yes x	Vater? No I	rrigation Ru	noff (Other:				ng/l)
Does the sto Evidence of Photo Take ield Screen Water Temp	orm drain flow real form of Overland Flow? en x Yes uing Samples Colle	Yes Yes x	Vater?	rrigation Ru	noff (R	eact PO4 (m	
Does the sto Evidence of Photo Take ield Screen Water Temp pH (pH unit	orm drain flow real form of Overland Flow? en x Yes uing Samples Colle	Yes No Photo # cted? Yes x NH3	Vater? No No No No No No No	rrigation Ru	noff (Other:		R	eact PO4 (m	
Does the steel Evidence of Photo Take ield Screen Water Temp pH (pH unit FLOW EST	orm drain flow real form of Overland Flow? en x Yes ing Samples Collection (°C) s)	Yes Yes X Cted? Yes X NH3 TUR	Vater? No No No No No No No No No N	rrigation Ru	NO:	Other: B-N (mg/L) ND (mS/cm)		R	eact PO4 (m	
Does the sto Evidence of Photo Take ield Screen Water Temp pH (pH unit FLOW EST Flow Width	orm drain flow real form of Overland Flow? en x Yes ing Samples Collection (°C) s)	Yes Yes X No Photo # cted? Yes X NH3 TUR KSHEETS dvert	Vater? No No No No No No N(mg/L) B (NTU) Fill	rrigation Ru	NO:	Other: B-N (mg/L) ND (mS/cm) ume mL		R M	eact PO4 (m IBAS (mg/L)	ipe ft
Does the store of Evidence of Photo Take eld Screen Water TempoH (pH unit FLOW EST Flow Width Depth	orm drain flow real form of Overland Flow? en x Yes ing Samples Collection (°C) s)	Yes Yes X No Photo # cted? Yes X NH3 TUR KKSHEETS clevert ft Vo ft Ti	Vater? No No No No N (mg/L) B (NTU) Fill	rrigation Ru	NO:	B-N (mg/L) ND (mS/cm) ume mL sec		R M	eact PO4 (m IBAS (mg/L)	ipe ft ft
Photo Take eld Screen Water Temp oH (pH unit) FLOW EST Flow Width Depth Velocity	orm drain flow real form of Overland Flow? en x Yes ing Samples Collection (°C) s)	Yes No Photo # cted? Yes x NH3 TUR KSHEETS livert ft	Vater? No No No No No No N(mg/L) B (NTU) Fill	rrigation Ru	NO:	Other: B-N (mg/L) ND (mS/cm) ume mL		R M	eact PO4 (m IBAS (mg/L)	ipe ft ft ft/sec
Does the sto Evidence of Photo Take ield Screen Water Temp pH (pH unit FLOW EST Flow Width Depth Velocity Flow	orm drain flow real form of Overland Flow? en x Yes sing Samples Colled (°C) s) FIMATION WOR ing Creek or Box Cu	No Photo # cted? Yes x NH3 TUR KKSHEETS clevert ft ft/sec gpm	Vater? No No No No Nimg/L) B (NTU) Fill olume me to Fill	ing a Bottle o	NO:	B-N (mg/L) ND (mS/cm) ume mL sec		R M	eact PO4 (m IBAS (mg/L)	ipe ft ft
Photo Take ield Screen Water Temp pH (pH unit FLOW EST Flow Width Depth Velocity Flow Analytical L	orm drain flow real form of Overland Flow? en x Yes ing Samples Collection (°C) s)	No Photo # cted? Yes x NH3 TUR KKSHEETS dvert ft Ti ft/sec Fl gpm cs Collected?	Vater? No No No No Nimg/L) B (NTU) Fill olume me to Fill	ing a Bottle o	NO:	B-N (mg/L) ND (mS/cm) ume mL sec gpm		R M	eact PO4 (m IBAS (mg/L)	ft ft ft/sec gpm
Photo Take Field Screen Water Temp PH (pH unit) FLOW EST Flow Width Depth Velocity Flow	orm drain flow real form of Overland Flow? en x Yes sing Samples Colled (°C) s) FIMATION WOR ing Creek or Box Cu	No Photo # cted? Yes x NH3 TUR KKSHEETS clevert ft ft/sec gpm	Vater? No No No No Nimg/L) B (NTU) Fill olume me to Fill	ing a Bottle o	NO:	B-N (mg/L) ND (mS/cm) ume mL sec		R M	eact PO4 (m IBAS (mg/L)	ft ft ft/sec gpm
Does the sto Evidence of Photo Take Tield Screen Water Temp PH (pH unit) FLOW EST Flow Width Depth Velocity Flow Analytical L O&G	orm drain flow real form of Overland Flow? en x Yes sing Samples Colled (°C) s) FIMATION WOR ing Creek or Box Cu	No Photo # cted? Yes x NH3 TUR KKSHEETS clevert ft ft/sec gpm cs Collected? Entero.	Vater? No No No No Nimg/L) B (NTU) Fill olume me to Fill	ing a Bottle o	NO:	B-N (mg/L) ND (mS/cm) ume mL sec gpm	y.	R M	eact PO4 (m IBAS (mg/L)	ipe ft ft ft/sec gpm

CENEDAL	SITE DESCRIPT	Routine Investi	gation	(NIAD 92 da		ID Follow-U	-	r		
Site ID	CB06-5	IION		Latitude	32.7358 ⁴	es to 5th place; 1		Hydrologic	Unit	908
Location	East of control to	wer		Longitude	-117.186	37	Watershed	Hydrologic	: Area	908.2
Date	5/27/09			TB Page	1268 G7		De la	Hydrologic (Optional)	Subarea	908.21
Time	0750			Observer	KG, AH			charge Area		l
Land Use (Pri		Residential	Comm	ercial x	Industrial	Agricultura		Parks	Op	en
Land Use (See (Optional, great		Residential	Comm	ercial x	Industrial	Agricultura	ıl	Parks	Op	en
Conveyance (Check one on	ly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Cr	eek Ea	rthen Channel
ATMOSPH	ERIC CONDITI	ONS								
Weather Tide Last Rain	Sunny N/A > 72 hours	Partly Cloudy Low < 72 hours	Overca Incom		og ligh	Outgoing		Tide Height	:ft.	
Rainfall	None	< 0.1"	> 0.1"							
RUNOFF C	HARACTERIST None		Posts	en Eggs	Chem	iaal	S		x Othe	or Duri
Color	None	Musty Yellow	Brow		White		Gra	vage ıy	x Othe	
Clarity	Clear		•	tly Cloudy	Opaqı		_		x Othe	
Floatables Deposits	x None None	Trash x Sediment/Gravel		oles/Foam Particulates	Sheen Stains			al Matter y Deposits	Othe Othe	
Vegetation	x None	Limited	Norn	nal	Exces	sive			Oth	
Biology	x None	Insects	Alga	e	Snails	/Fish	Mu	ssels/Barnacles	Oth	er
Flow Obser		x No Ponded	Tida	al						
Does the sto	rm drain flow re	ach the Receiving W	ater?		Yes	No :	x N/A			
Evidence of	Overland Flow?	Yes x	No 1	Irrigation Run	off C	Other:			_	
Photo Take	n x Yes	No Photo#_		-			5			
	ng Samples Colle		No							
Water Temp pH (pH units			N (mg/L) L(NTU)			-N (mg/L) ID (mS/cm)			React PO4 (mg/L)	g/L)
FLOW EST	IMATION WO	RKSHEETS								•
Flowing Width	ng Creek or Box C		Fill ume	ling a Bottle or	Known Volu		7 -	Discourse	Flowing Pi	
Depth			e to Fill			mL sec	┪┟	Diameter Depth		ft ft
Velocity		ft/sec Flo	W			gpm] [Velocity		ft/sec
Flow		gpm	-					Flow		gpm
Analytical La	aboratory Sample	es Collected?	Yes	No						
O&G (mg/L)		Entero. (MPN/100mL)		Fecal Col. (MPN/mL)		Chlorp (ug/L)	у.		Pb (ug/L)	
		Total Col.		Diazanon		Cd (ug/l	. .)		Zn (ug/L)	
Hardness (mg/L)		(MPN/100mL)		(ug/L)					i i	

		x Routine Inv	estigation		IC	ID Follow-U	p For			
GENERAL	SITE DESCRIP	TION		(NAD 83 d	lecimal degre	es to 5th place)			
Site ID	CB07-6		·	Latitude	32.7308		T	Hydrologic	Unit	908
Location	OWS @ AA Sta	aging area		Longitude	-117.19	323	Watershed	Hydrologic	Area	908.2
Date	5/27/2009			TB Page	1288 F1] & [Hydrologic (Optional)	Subarea	908.21
Time	0732			Observer	KG, Al-	I	Disch (Opti	narge Area		
Land Use (Pr (Check one or		Residential	l Comr	nercial >	x Industrial	Agricultura		Parks	0	pen
Land Use (Se	econdary) eater than 10%)	Residential	l Comr	nercial >	x Industrial	Agricultura	ıl	Parks	0	pen
Conveyance (Check one or		x Manhole	Catch	Basin	Outlet	Concrete Channel		Natural Cre	eek E	arthen Channel
ATMOSPH	IERIC CONDIT	IONS								
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clou x Low < 72 hours	Incon		Fog High	Outgoing		Tide Height	:1.4ft	t.
Rainfall	x None	< 0.1"	> 0.1	,,						
RUNOFF (CHARACTERIS	TICS								
Odor	None	x Musty	Rott	ten Eggs	Chen		Sewa	-	Oth	
Color	None	Yellow	Bro		Whit		Gray		x Oth	
Clarity Floatables	Clear None	Trash	_	htly Cloudy bles/Foam	Opac x Shee		Eccal	l Matter	x Oth	
Deposits	None	x Sediment/Grave		Particulates	Stain			Deposits	Oth Oth	
Vegetation	x None	Limited	Nor			ssive	ж ону	Doposia	Oth	
-	x None	Insects	Alg	ae	Snail	s/Fish	Muss	sels/Barnacles	Oth	her
Biology			Alg nded Tid		Snail		Muss	sels/Barnacles	Oth	her
Biology Flow Obser	rved Yes		nded Tid		Snail Yes		Muss N/A	sels/Barnacles	Oth	her
Biology Flow Obser Does the sto	rved Yes	x No Por	nded Tid	al	Yes	s/Fish		sels/Barnacles	Oth	<u> </u>
Biology Flow Obser Does the sto Evidence of	rved Yes orm drain flow r f Overland Flow	x No Porceach the Receiving? Yes	nded Tid ng Water? x No	al Irrigation Ru	Yes	s/Fish x No		sels/Barnacles	Oti	her
Biology Flow Obser Does the ste Evidence of Photo Take	rved Yes orm drain flow r f Overland Flow en x Yes	x No Poi reach the Receiving? Yes No Phot	nded Tid	al Irrigation Ru	Yes	s/Fish x No		sels/Barnacles	Oth	her
Biology Flow Obser Does the sto Evidence of Photo Take	rved Yes orm drain flow r f Overland Flow en x Yes ing Samples Col	x No Poireach the Receiving? Yes No Photelected? Yes	nded Tid ng Water? x No o #x	al Irrigation Ru	Yes	x No Other:		-	Oth	
Biology Flow Obser Does the ste Evidence of Photo Take	orm drain flow r f Overland Flow en x Yes ing Samples Coll o (°C)	x No Poireach the Receiving? Yes No Photelected? Yes	nded Tid ng Water? x No o #	al Irrigation Ru	Yes noff (s/Fish x No		R	_	ng/L)
Biology Flow Obser Does the sto Evidence of Photo Take Tield Screen Water Temp pH (pH unit) FLOW EST	rved Yes orm drain flow r f Overland Flow en x Yes ing Samples Coll o (°C) s)	x No Poireach the Receiving? Yes No Photelected? Yes RKSHEETS	nded Tid ng Water? x No no # x No x No NH3-N (mg/L) TURB (NTU)	Irrigation Ru	Yes noff NO CO	x No Other: 3-N (mg/L) ND (mS/cm)		R	- Geact PO4 (n IBAS (mg/L)	ng/L)
Biology Flow Obser Does the sto Evidence of Photo Take ield Screen Water Temp pH (pH unit) FLOW EST	orm drain flow r f Overland Flow en x Yes ing Samples Coll o (°C)	x No Poireach the Receiving? Yes No Photelected? Yes RKSHEETS Culvert	nded Tid ng Water? x No x No x No x No xH3-N (mg/L) TURB (NTU) Fi	al Irrigation Ru	Yes noff NO CO	x No Other: 3-N (mg/L) ND (mS/cm)	N/A	R N	eeact PO4 (n	ng/L)) ipe
Biology Flow Observation Flow Observation Flow Observation Flow Establishment	rved Yes orm drain flow r f Overland Flow en x Yes ing Samples Coll o (°C) s)	x No Poi	nded Tid ng Water? x No no # x No NH3-N (mg/L) TURB (NTU)	Irrigation Ru	Yes noff NO CO	x No Other: 3-N (mg/L) ND (mS/cm)	N/A	R M	- Geact PO4 (n IBAS (mg/L)	ng/L)
Biology Flow Observation Flow Observation Flow Observation Flow Establishment	rved Yes orm drain flow r f Overland Flow en x Yes ing Samples Coll o (°C) s)	x No Poireach the Receiving? Yes No Photelected? Yes RKSHEETS Culvert	nded Tid ng Water? x No x No x No x No xH3-N (mg/L) TURB (NTU) Fi	Irrigation Ru	Yes noff NO CO	x No Other: 3-N (mg/L) ND (mS/cm) ume mL	N/A	R N N N N N N N N N N N N N N N N N N N	- Geact PO4 (n IBAS (mg/L)	ng/L)) ipe
Biology Flow Obser Does the ste Evidence of Photo Take Geld Screen Water Temp pH (pH unit) FLOW EST Flow Width Depth Velocity	rved Yes orm drain flow r f Overland Flow en x Yes ing Samples Coll o (°C) s)	x No Poi	x No x No x No NH3-N (mg/L) TURB (NTU) Fi Volume Time to Fill	Irrigation Ru	Yes noff NO CO	x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec	N/A	R M	- Geact PO4 (n IBAS (mg/L)	ipe ft ft
Biology Flow Obser Does the ste Evidence of Photo Take ield Screen Water Temp pH (pH units FLOW EST Flow Width Depth Velocity Flow	rved Yes orm drain flow r f Overland Flow en x Yes ing Samples Coll o (°C) s)	x No Poi reach the Receiving? Yes No Phot lected? Yes RKSHEETS Culvert ft ft ft/sec gpm	x No x No x No NH3-N (mg/L) TURB (NTU) Fi Volume Time to Fill	Irrigation Ru	Yes noff NO CO	x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec	N/A	R N N N N N N N N N N N N N N N N N N N	- Geact PO4 (n IBAS (mg/L)	ng/L) ipe ft ft ft/sec
Biology Flow Obser Does the sto Evidence of Photo Take Field Screen Water Temp pH (pH unit) FLOW EST Flow Width Depth Velocity Flow Analytical L O&G	orm drain flow r f Overland Flow en x Yes ing Samples Coll o (°C) s) FIMATION WO ing Creek or Box (x No Poi reach the Receiving? Yes No Phot lected? Yes No RKSHEETS Culvert ft ft ft/sec gpm less Collected? Entero.	x No	lrrigation Russelling a Bottle o	Yes noff NO CO	x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec gpm Chlorp	N/A	R N N N N N N N N N N N N N N N N N N N	- Geact PO4 (n IBAS (mg/L)	ng/L) ipe ft ft ft ft/sec gpm
Biology Flow Obser Does the store of the s	orm drain flow r f Overland Flow en x Yes ing Samples Coll o (°C) s) FIMATION WO ing Creek or Box (x No Poi reach the Receiving? Yes No Phot lected? Yes In Proceed Proceedings (No. 1) P	x No	Irrigation Ru	Yes noff NO CO	x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec gpm	N/A	R N N N N N N N N N N N N N N N N N N N	React PO4 (n IBAS (mg/L)	ng/L) ipe ft ft ft gt/sec gpm

Carrier Description Capter Capt			x Routine Investi	gation		IC/I	ID Follow-U _l	p For		_	
Time	GENERAL	SITE DESCRIP	TION		(NAD 83 de	cimal degree	es to 5th place)				
Time	Site ID	Сь07-7			Latitude	32.73000) -	₩ Hydr	ologic Unit	908	
Time	Location	Inlet in West wi	ng parking lot		Longitude	-117.193	-117.19390		ologic Area	908	.2
Time	Date	5/27/2009			TB Page	1288 F1				e a 908	.21
Land Use (Primary)	Time	0630			Observer	KG, AH		Discharge A		•	
Continuity		•	Residential	Comm	nercial x	Industrial	Agricultura		:s	Open	
ATMOSPHERIC CONDITIONS	(Optional, gre									•	Channel
Meather No	(Check one or	nly)	iviannoje	Calcii	Dasiii	Outlet	Channel	Nau	ilai Cieek	Cartilen	Juanne
None	Weather Tide	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	lncom	ing F	•	Outgoing	Tide l	Height:1.4	ft.	
None				> 0.1"							
Color None Yellow Brown White Gray x Other Dry Clarity Clear Slightly Cloudy Opaque x Other Dry Floatables x None Trash Bubbles/Foam Sheen Fecal Matter Other Deposits None x Sediment/Gravel x Fine Particulates Stains Oily Deposits Other Vegetation None x 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 # 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 Filling a Bottle or Known Volume Flowing Pipe Width ft Opeph ft ft Time to Fill Seec Flow gpm Analytical Laboratory Samples Collected? Yes x No May Collected? Yes x No Analytical Laboratory Samples Collected? Yes x No MRAN (mg/L) (mg/				P.0#	en Faas	Cham	ical	Sewage	,	x Other	Drv
Clear ty Clear			•					-			
None		Clear				Opaqı	ue	•	;	x Other	
Vegetation None x Limited Biology x None Insects Algae Snails/Fish Mussels/Barnacles Other											
Flow Observed								Oily Deposi	ts		
Flow Observed Yes x No Ponded Tidal	-							Mussels/Bar	macles		
Evidence of Overland Flow? Yes x No Irrigation Runoff Other:		rved Yes	x No Ponded								
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 Filling a Bottle or Known Volume Flowing Pipe Width	_	orm drain flow r	each the Receiving V	Vater?		Yes	No :	k N/A			
Photo Taken	Does the st										
Field Screening Samples Collected?			? Yes x	: No	Irrigation Run	noff C	Other:				
NH3-N (mg/L)	Evidence o	of Overland Flow			Irrigation Run	noff C	Other:				
FLOW ESTIMATION WORKSHEETS Flowing Creek or Box Culvert Filling a Bottle or Known Volume Flowing Pipe	Evidence o	of Overland Flow	No Photo#		Irrigation Rur	noff (Other:				19
Flowing Creek or Box Culvert Filling a Bottle or Known Volume Flowing Pipe	Evidence o Photo Take	of Overland Flowen x Yes	No Photo #	. No	Irrigation Rur					14 (mg/[)	
Width	Evidence o Photo Take Field Screen Water Temj	of Overland Flow en x Yes ning Samples Col	No Photo #	No -N (mg/L)	Irrigation Rur	NO3	3-N (mg/L)		React PO)4 (mg/L)	
Depth ft Time to Fill Sec Depth ft	Evidence o Photo Take Field Screen Water Temp pH (pH unit) FLOW ES	of Overland Flow en x Yes uing Samples Col p (°C) ts) TIMATION WO	No Photo # lected? Yes x	No -N (mg/L) B (NTU)		NO3	B-N (mg/L) ND (mS/cm)		React PO	ng/L)	
Flow gpm Flow gpm Flow gpm Flow gpm Flow gpm Flow gpm Flow gpm Flow gpm Flow Gpm G	Evidence o Photo Take Field Screen Water Temp pH (pH unit) FLOW ES'	of Overland Flow en x Yes uing Samples Col p (°C) ts) TIMATION WO	No Photo # lected? Yes x NH3 TUR PRKSHEETS	No -N (mg/L) B (NTU)		NO3	B-N (mg/L) ND (mS/cm)		React PC	ng/L) ing Pipe	ft
Analytical Laboratory Samples Collected? Yes x No	Evidence of Photo Take Field Screen Water Temp pH (pH unit) FLOW EST Flow Width	of Overland Flow en x Yes uing Samples Col p (°C) ts) TIMATION WO	No Photo #	No -N (mg/L) B (NTU) Fil		NO3	B-N (mg/L) ND (mS/cm) ume mL	Diamete Depth	React PC MBAS (n	ing Pipe	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Evidence of Photo Take Field Screen Water Temp pH (pH unit) FLOW ES' Flow Width Depth	of Overland Flow en x Yes uing Samples Col p (°C) ts) TIMATION WO	No Photo # lected? Yes x	No No N (mg/L) B (NTU) File olume me to Fill		NO3	3-N (mg/L) ND (mS/cm) ume mL sec	Diamete Depth Velocity	React PC MBAS (n	ing Pipe	ft
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Photo Take Field Screen Water Temp PH (pH unit) FLOW ES' Flow Width Depth Velocity	of Overland Flow en x Yes uing Samples Col p (°C) ts) TIMATION WO	No	No No N (mg/L) B (NTU) File olume me to Fill		NO3	3-N (mg/L) ND (mS/cm) ume mL sec	Diamete Depth Velocity	React PC MBAS (n	ing Pipe	ft/sec
Hardness Total Col. Diazanon Cd (ug/L) Zn (ug/L)	Field Screen Water Temp PH (pH unit) FLOW ES' Flow Width Depth Velocity Flow	en x Yes ning Samples Col p (°C) ts) TIMATION WO	No Photo # lected? Yes x	No -N (mg/L) B (NTU) File olume me to Fill ow	lling a Bottle or	NO3	3-N (mg/L) ND (mS/cm) ume mL sec	Diamete Depth Velocity	React PC MBAS (n	ing Pipe	ft/sec
	Field Screen Water Temp pH (pH unit) FLOW ES' Flow Width Depth Velocity Flow Analytical I O&G	en x Yes ning Samples Col p (°C) ts) TIMATION WO	No Photo # lected? Yes x	No -N (mg/L) B (NTU) File olume me to Fill ow	Iling a Bottle or	NO3	B-N (mg/L) ND (mS/cm) ume mL sec gpm Chlorp	Diamete Depth Velocity Flow	React PC MBAS (n	ng/L)	ft/sec

		x Routine In	vestigation		IC/	ID Follow-U	p For				
SENERAL	SITE DESCRIP	TION		(NAD 83 de	ecimal degre	es to 5th place	:)				
Site ID	CB08-8			Latitude	32.7336	8	Wai	Hydrolog	gic Unit	908	
ocation	Terminal 1 slit to	rench gate 9		Longitude	-117.196	573	Watershed	Hydrolog	gic Area	908.	2
Date	5/27/2009			TB Page	1288 F1		2	Hydrolog (Optional	gic Subarea)	908.	21
Гime	0918		=_ "	Observer	KG, Ah			charge Areational)	a		
Land Use (Pi Check one of	•	Residentia	al Comm	nercial x	Industrial	Agricultur	al	Parks		Open	
and Use (Se	econdary)	Residentia	al Comr	nercial x	Industrial	Agricultur	al	Parks		Open	
onveyance Check one o		Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural	Creek	Earthen C	hannel
TMOSPI	HERIC CONDIT	IONS									
Veather ide ast Rain	Sunny N/A x > 72 hours	Partly Clo x Low < 72 hour	x Incom		Fog High	Outgoing		Tide Heig	ht: ft.		
lainfall	x None	< 0.1"	> 0.1	,,							
RUNOFF (CHARACTERIS	TICS									
Odor Color	x None None	Musty x Yellow	Roti x Brov	ten Eggs	Chen White		Sew Gra	vage		Other Other	
olor larity	Clear	x renow		htly Cloudy	Opaq		Oia	.y		Other _	-
loatables	None	x Trash	_	bles/Foam	Shee	•	Fec	al Matter		Other	
eposits	x None	Sediment/Grav	el Fine	Particulates	Stain	s	Oil	y Deposits	(Other	
egetation	x None	Limited	_	mal	Exce			1 . (15 1		Other _	
egetation liology	x None	Insects	Alg	ae		ssive s/Fish	Mu	ssels/Barnacl		Other _ Other _	
egetation iology low Obser loes the st	x None rved Yes form drain flow r of Overland Flow	insects x No Po each the Receivi ? Yes	Algonded Tid ng Water? x No	ae	Snail Yes		Mu N/A			_	
Vegetation Biology Flow Observation Does the st Evidence of	x None rved Yes form drain flow r of Overland Flow en x Yes	Insects x No Po each the Receivi Yes No Pho	Algonded Tid ng Water? x No	ae Iai	Snail Yes	s/Fish x No				_	
egetation iology low Observates the st dividence of the Control Take	x None rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll	insects x No Po each the Receivi Yes No Pho lected? x Yes	Algonded Tid ng Water? x No to # No	ae Iai	Yes	s/Fish x No Other:			es o	Other _	1
Vegetation Biology Flow Observates the st Evidence of Photo Takes Geld Screen	x None rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) 20.9	insects x No Po each the Receivi Yes No Pho lected? x Yes	Algonded Tid ng Water? x No	ae lal Irrigation Rui	Yes noff NO	s/Fish x No	N/A			Other	1 1+
Vegetation Siology Flow Observates the st Evidence of Photo Take eld Screen Water Tempor (pH unit) FLOW ES	x None rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) 20.9	insects x No Po each the Receivi ? Yes No Pho lected? x Yes RKSHEETS	Algonded Tid ng Water? x No to # No NH3-N (mg/L) TURB (NTU)	ae lal lrrigation Rui	Yes noff (x No Other: 3-N (mg/L) ND (mS/cm)	N/A		React PO4	(mg/L)	
egetation iology low Observater Temporal (pH unit) LOW ES' Flow	x None rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) 20.9 ts) 7.42 TIMATION WO	insects x No Po each the Receivi ? Yes No Pho lected? x Yes RKSHEETS Culvert	Algonded Tid ng Water? x No to # No NH3-N (mg/L) TURB (NTU) Fi Volume	are lal lrrigation Run	Yes noff (x No Other: 3-N (mg/L) ND (mS/cm) ume mL	N/A	Diameter	React PO4 MBAS (mg	(mg/L) /L) g Pipe	1+
egetation iology low Observes the st vidence of hoto Take eld Screen Vater Tem H (pH unit) LOW ES Flow Vidth Low	x None rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) 20.9 ts) 7.42 TIMATION WO	Insects x No Po each the Receivi ? Yes No Pho lected? x Yes RKSHEETS Culvert ft ft	Algonded Tid ng Water? x No to # No NH3-N (mg/L) TURB (NTU) Fi Volume Time to Fill	are lal lrrigation Run	Yes noff (x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec	N/A	Diameter Depth	React PO4 MBAS (mg	(mg/L) /L) g Pipe	1+
egetation tology low Observed toes the st vidence of hoto Take eld Screen Vater Tem H (pH unit LOW ES' Flow Vidth telocity	x None rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) 20.9 ts) 7.42 TIMATION WO	Insects x No Po each the Receivi ? Yes No Pho lected? x Yes RKSHEETS Culvert ft ft ft/sec	Algonded Tid ng Water? x No to # No NH3-N (mg/L) TURB (NTU) Fi Volume	are lal lrrigation Run	Yes noff (x No Other: 3-N (mg/L) ND (mS/cm) ume mL	N/A	Diameter Depth Velocity	React PO4 MBAS (mg	(mg/L) /L) g Pipe	I+
egetation iology low Observation low Observati	x None rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) 20.9 ts) 7.42 TIMATION WO ving Creek or Box (°C)	Insects x No Po each the Receivi ? Yes No Pho lected? x Yes RKSHEETS Culvert ft ft ft/sec gpm	Algonded Tid ng Water? x No to # No NH3-N (mg/L) TURB (NTU) Fi Volume Time to Fill Flow	are lal lrrigation Run	Yes noff (x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec	N/A	Diameter Depth	React PO4 MBAS (mg	(mg/L) /L) g Pipe	1+
Vegetation Biology Flow Observation Coes the st Evidence of Photo Take Eviden	x None rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) 20.9 ts) 7.42 TIMATION WO	Insects x No Po each the Receivi ? Yes No Pho lected? x Yes RKSHEETS Culvert ft ft ft/sec gpm les Collected? Entero.	Algonded Tid ng Water? x No to # No NH3-N (mg/L) TURB (NTU) Fi Volume Time to Fill	larigation Run >1	Yes noff (x No Other: 3-N (mg/L) ND (mS/cm) ume	N/A	Diameter Depth Velocity	React PO4 MBAS (mg	(mg/L) /L) g Pipe F F	I+
Vegetation Biology Flow Observation Biology Flow Observation Evidence of Photo Take Flow Ester Tempore (pH unit) FLOW Ester Tempore (pH unit) Flow Width Depth Velocity Flow Flow Flow	x None rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) 20.9 ts) 7.42 TIMATION WO ving Creek or Box (°C)	Insects x No Po each the Receivi ? Yes No Pho lected? x Yes RKSHEETS Culvert ft ft ft/sec gpm les Collected?	Algonded Tid ng Water? x No to # No NH3-N (mg/L) TURB (NTU) Fi Volume Time to Fill Flow	ae lal Irrigation Run >1 11.6	Yes noff (x No Other: 3-N (mg/L) ND (mS/cm) ume	<.25 4.04	Diameter Depth Velocity	React PO4 MBAS (mg	(mg/L) /L) g Pipe F F G G g/L)	I+

CENEDAL	CITE DECCRIPT	Routine Inve	stigation	(NIAD 92 .		•				
Site ID	CB12-9	ION		Latitude	32.73510	es to 5th place) 5		Hydrologic Ur	uit	908
Location	Inlet at T-2 West	· <u>-</u> .		Longitude	-117.204	144	₩ ⊢	Hydrologic Ar		908.2
Date	5/27/09	·		TB Page	1268 E7			Hydrologic Su (Optional)	haraa	908.21
Time	0711			Observer	KG, Ah			arge Area		
Land Use (P. (Check one o		Residential	Comr	nercial	x Industrial	Agricultura		Parks	Ope	n
	eater than 10%)	Residential	Comr	nercial	x Industrial	Agricultura	1	Parks	Ope	n
Conveyance (Check one o		Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	Eart	hen Channel
ATMOSPI	HERIC CONDITION	ONS	·.					 -		
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloud x Low < 72 hours	y x Overc x Incom		Fog High	Outgoing		Tide Height:1	.4 ft.	
Rainfall	x None	< 0.1"	> 0.1	,						
Odor	CHARACTERIST: None	Musty		en Eggs	Chem		Sewag	ge	x Other	Seawater
Color Clarity	None Clear	Yellow	Brov Slig	wn htly Cloudy	White Opaqı		Gray		x Other x Other	
Floatables Deposits	X None None	Trash X Sediment/Gravel		bles/Foam Particulates	Sheen Stains			Matter Deposits	Other Other	
Vegetation Biology	X None X None	Limited Insects	Non Alga	mal	Exces Snails	sive		els/Barnacles	Other Other	
Flow Obser		No Pond			Silatis	W 1 1311	Muss	cis/ Darnacies	Other	
	orm drain flow rea		_	iai	Yes	* No	N/A			
Evidence o	f Overland Flow?	Yes	X No	Irrigation Ru	noff C	Other:				
	en X Yes		#							
Photo Take		No Photo	π	_						
									<u> </u>	***
Field Screen Water Temp	ing Samples Collect	cted? Yes NH	X No I3-N (mg/L)			-N (mg/L)			t PO4 (mg/	L)
Field Screen Water Temp pH (pH unit	ing Samples Collection (°C)	eted? Yes NH	X No			-N (mg/L)			t PO4 (mg/ S (mg/L)	L)
Field Screen Water Temp pH (pH unit	ing Samples Collection (°C) s) FIMATION WOR	eted? Yes NH TU	X No I3-N (mg/L) RB (NTU)		CON	ID (mS/cm)		MBA	S (mg/L)	
Field Screen Water Temp PH (pH unit	ing Samples Collection (°C)	eted? Yes NH TU KSHEETS	X No I3-N (mg/L) RB (NTU)			ID (mS/cm)] [Di	MBA		
Field Screen Water Temp pH (pH unit FLOW ES' Flow Width Depth	ing Samples Collection (°C) s) FIMATION WOR	KSHEETS lvert ft ft ft	X No (3-N (mg/L) (RB (NTU) Fil Volume Fime to Fill		CON	IME mL sec	De	MBA F ameter	S (mg/L)	ft ft
FLOW EST Flow Width Depth Velocity	ing Samples Collection (°C) s) FIMATION WOR	KSHEETS lvert ft ft/sec ft/sec	X No (3-N (mg/L) RB (NTU) File Volume		CON	MD (mS/cm) me mL	De Ve	F ameter epth elocity	S (mg/L)	ft ft ft/sec
Field Screen Water Temp PH (pH unit FLOW EST Flow Width Depth Velocity Flow	FIMATION WOR	KSHEETS vert ft ft ft ft gpm ft ft ft ft ft ft ft f	X No (3-N (mg/L) (RB (NTU) Fil Volume Fime to Fill Flow	lling a Bottle o	CON	IME mL sec	De Ve	MBA F ameter	S (mg/L)	ft ft
Field Screen Water Temp pH (pH unit FLOW ES' Flow Width Depth Velocity Flow Analytical L O&G	ing Samples Collection (°C) s) FIMATION WOR	KSHEETS lvert ft ft ft/sec gpm s Collected?	X No (3-N (mg/L) (RB (NTU) Fil Volume Fime to Fill	X No Fecal Col.	CON	me mL sec gpm	De Ve Flo	F ameter epth elocity	S (mg/L)	ft ft ft/sec
Field Screen Water Temp pH (pH unit FLOW EST Flow Width Depth Velocity Flow Analytical L	FIMATION WOR	KSHEETS lvert ft ft/sec gpm s Collected?	X No (3-N (mg/L) (RB (NTU) Fil Volume Fime to Fill Flow	lling a Bottle o	CON	me mL sec gpm	Ve Flo	F ameter epth elocity	S (mg/L)	ft ft ft/sec

		Routine Invest	igation	1		ID Follow-U	-			
	SITE DESCRIP	<u> </u>		(NAD 83		ees to 5th place				Т
Site ID	CB09-10			Latitude	32.7299	3	Wai	Hydrologic	Unit	908
Location	Inlet at T-2 Wes	t		Longitude	-117.19	748	Watershed	Hydrologic	: Area	908.2
Date	5/27/09			TB Page	1299 FI		<u>e</u> .	Hydrologic (Optional)	Subarea	908.21
Time	0648			Observer	KG, Ah			harge Area		
Land Use (P. (Check one o		Residential	Comr	mercial	x Industrial	Agricultura	ıl	Parks	Oį	pen
Land Use (Se	econdary) eater than 10%)	Residential	Comr	mercial	x Industrial	Agricultura	ıl	Parks	O.	pen
Conveyance (Check one o		Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Cre	eek Ea	arthen Channel
ATMOSPI	IERIC CONDIT	IONS								
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overo x Incom		Fog High	Outgoing		Tide Height	:1.4ft	t.
Rainfall	x None	< 0.1"	> 0.1	19						
RUNOFF (CHARACTERIS	ГІCS								
Odor	None	Musty		ten Eggs	Chen		Sew	-	x Oth	
Color Clarity	None Clear	Yellow	Bro	wn htly Cloudy	White		Gra	у	x Oth x Oth	
Floatables	X None	Trash	_	bles/Foam	Opaq Sheei		Fee	al Matter	X Out	
Deposits	x None	X Sediment/Gravel		e Particulates	Stain			Deposits	Oth	
Vegetation	X None	Limited	Nor		Exce				Oth	
Biology	X None	Insects	Alg	ae	Snail	s/Fish	Mus	ssels/Barnacles	Oth	ner
Flow Obser	rved Yes	x No Ponde	d Tid	ial						
Does the st	orm drain flow r	each the Receiving V	Vater?		Yes	No	N/A			
				Imination D						
Evidence o	f Overland Flow:	Yes	No x	TITTIPALION KI	inoff (Other:				
	f Overland Flow?	? Yes	No x	Irrigation Ru	unoff (Other:			_	
		Yes No Photo#		—	unoff (Other:		., .	_	
Photo Take	en X Yes	No Photo#		—	unoff (Other:				
Photo Take	en X Yes	No Photo# ected? Yes X	(No -N (mg/L)			Other:		R	React PO4 (m	
Photo Take	ing Samples Coll	No Photo# ected? Yes X	(No	Irrigation Ri	NO			R	React PO4 (m	
Photo Take Field Screen Water Temp PH (pH unit	ing Samples Coll	No Photo # ected? Yes X NH3 TUR	(No -N (mg/L)	Irrigation Ri	NO	3-N (mg/L)		R		
Photo Take Field Screen Water Temp PH (pH unit) FLOW ES'	ing Samples Coll o (°C) s)	No Photo # ected? Yes X NH3 TUR RKSHEETS	(No -N (mg/L) B (NTU)		NO:	3-N (mg/L) ND (mS/cm)		R	MBAS (mg/L))
Photo Take Sield Screen Water Temp PH (pH unit) FLOW ES'	ing Samples Coll	No Photo # ected? Yes X NH3 TUR RKSHEETS	(No -N (mg/L) B (NTU)		NO	3-N (mg/L) ND (mS/cm)		F N)
Photo Take Sield Screen Water Temp PH (pH unit) FLOW ES'	ing Samples Coll o (°C) s)	No Photo # ected? Yes X NH3 TUR RKSHEETS culvert ft Vo	(No -N (mg/L) B (NTU) Fi		NO:	3-N (mg/L) ND (mS/cm)		R	MBAS (mg/L)	ipe
Photo Take Sield Screen Water Temp PH (pH unit) FLOW ES' Flow Width	ing Samples Coll o (°C) s)	No Photo # ected? Yes X NH3 TUR RKSHEETS culvert ft Vo	(No -N (mg/L) B (NTU) Fi blume me to Fill		NO:	3-N (mg/L) ND (mS/cm) sume mL		F N	MBAS (mg/L)	ripe
Photo Take Field Screen Water Temp PH (pH unit) FLOW ES' Flow Width Depth	ing Samples Coll o (°C) s)	No Photo # ected? Yes X NH3 TUR RKSHEETS culvert ft Vo ft Tir	(No -N (mg/L) B (NTU) Fi blume me to Fill		NO:	3-N (mg/L) ND (mS/cm) ume mL sec		Diameter Depth	MBAS (mg/L)	ripe ft ft
Photo Take Field Screen Water Temp PH (pH unit) FLOW ES' Flow Width Depth Velocity Flow	ing Samples Coll (°C) s) FIMATION WO	No	(No -N (mg/L) B (NTU) Final content of the conten	illing a Bottle	NO:	3-N (mg/L) ND (mS/cm) ume mL sec		Diameter Depth Velocity	MBAS (mg/L)	ripe ft ft ft/sec
Photo Take Field Screen Water Temp PH (pH unit) FLOW ES' Flow Width Depth Velocity Flow Analytical L O&G	ing Samples Coll o (°C) s)	No Photo # ected? Yes X NH3 TUR RKSHEETS culvert ft ft ft/sec gpm les Collected? Entero.	(No -N (mg/L) B (NTU) Fi blume me to Fill		or Known Vol	3-N (mg/L) ND (mS/cm) ume mL sec		Diameter Depth Velocity	MBAS (mg/L) Flowing P	ft ft ft/sec gpm
Photo Take Water Temp PH (pH unit) FLOW ES' Flow Width Depth Velocity Flow Analytical L O&G (mg/L)	ing Samples Coll (°C) s) FIMATION WO	No Photo # ected? Yes X NH3 TUR RKSHEETS culvert ft ft ft/sec gpm les Collected?	(No -N (mg/L) B (NTU) Final content of the conten	X No Fecal Col. (MPN/mL)	or Known Vol	3-N (mg/L) ND (mS/cm) ume mL sec gpm		Diameter Depth Velocity	MBAS (mg/L)	ft ft ft/sec gpm
Photo Take Field Screen Water Temp PH (pH unit) FLOW ES' Flow Width Depth Velocity Flow Analytical L O&G	ing Samples Coll (°C) s) FIMATION WO	No Photo # ected? Yes X NH3 TUR RKSHEETS culvert ft ft ft/sec gpm les Collected? Entero.	(No -N (mg/L) B (NTU) Final content of the conten	X No Fecal Col.	or Known Vol	3-N (mg/L) ND (mS/cm) sume mL sec gpm Chlorp	y-	Diameter Depth Velocity	MBAS (mg/L) Flowing P	ft ft ft/sec gpm

SITE ID:	CB01-1	DATE:	5/27/2009
LOCATION:	WEST OF LANDMARK	TIME:	0806
OBSERVER:	KRIS GREEN/ANNIE HILL		
PREVIOUS TRAS	SH ASSESSMENT RATING:		
ESTIMATED ARI	EA OF ASSESSMENT L X W (FT):	20x20)
	Amount and Ex	tent of T	rash
EVALUATION OF	TRASH INCLUDES*: X MS4	RECEIVIN	IG WATER DOTH
x Optimal	On first glance, no trash visible. Li area is closely examined for litter ar		rash (<10 pieces) evident when evaluated
□ Suboptimal	On first glance, little or no trash vis 50 pieces) evident in evaluated are		close inspection small levels of trash (~10-
□ Marginal		of site being	100 pieces) on first glance. Evaluated area ng used by people: scattered cans, bottles,
	Trash distracts the eye on first glar	nce. Evalua	ted area contains substantial levels of litter

bottles, food wrappers, blankets, or clothing present.

Site is significantly impacted by trash.

levels of litter and debris (>400 pieces).

and debris (>100- 400). Evidence of site being used frequently by people: many cans,

constriction point or evidence of excessive dumping. Evaluated area contains substantial

Evidence of trash accumulation behind a

Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

□ Submarginal

□ Poor

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

	ŧ		TENTIA HECK		1		F		TIAL S	OURC TO 2)	E	
ТУРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Honsehold	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste						<u>년</u>						
Business Related								·				
Cigarette Butts												
Construction	_											
Fabric/Clothing												
Food Packaging		-										
Food Waste												
Household							10.7					
Shopping Carts												
Toxic												
Yard Waste					F				10			

omments <u>:</u>			
			
200100-30	30 30000 miles C		100000
	10.72	1000 200 200 200 1000 1000 1000 1000 10	2
			349,357
	Cathory	N THE RESIDENCE MANAGEMENT OF THE PROPERTY OF	

SITE ID:	CB03-2	DATE:	5/27/2009
LOCATION:	EAST END OF RUNWAY	TIME:	0846
OBSERVER: _	KRIS GREEN/ ANNIE HILL		
PREVIOUS TRAS	H ASSESSMENT RATING:		
ESTIMATED ARE	A OF ASSESSMENT L X W (FT):	20x2	0
	Amount and Ext	tent of T	rach
	Amount and Ext	tent of t	14511
EVALUATION OF T	RASH INCLUDES*: X MS4	RECEIVII	NG WATER DOTH
x Optimal	On first glance, no trash visible. Lit area is closely examined for litter and		trash (<10 pieces) evident when evaluated
☐ Suboptimal	On first glance, little or no trash visi 50 pieces) evident in evaluated area		close inspection small levels of trash (~10-
□ Marginal		of site bei	100 pieces) on first glance. Evaluated area ng used by people: scattered cans, bottles,
□ Submargina		of site be	ated area contains substantial levels of litter ing used frequently by people: many cans, resent.
□ Poor		essive du	vidence of trash accumulation behind a mping. Evaluated area contains substantial

Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle □ Potentiāl batteries, or fluorescent light bulbs. Alternatively high prevalence of any Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential Threat to vehicle batteries, or spray cans; any evidence large clumps of yard waste **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

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

	ıt		TENTIA HECK				P		TIAL S	OURC TO 2)	E	
TYPE	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												
Cigarette Butts							-					
Construction												
Fabric/Clothing												
Food Packaging												
Food Waste												
Household												
Shopping Carts												
Toxic							-					
Yard Waste	DDECEN											

		PAGE 1		
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	200			
			***************************************	********

SITE ID:	CB05-3	DATE:	5/27/2009
LOCATION:	RENTAL CAR PARKING LOT	TIME:	1040
OBSERVER:	KRIS GREEN/ANNIE HILL		4
PREVIOUS TRAS	SH ASSESSMENT RATING:		
ESTIMATED ARI	EA OF ASSESSMENT L X W (FT):	20x2	0
	Amount and Exte	ent of T	rash
EVALUATION OF	TRASH INCLUDES X MS4 RE	ECEIVING	WATER DOTH
x Optimal	On first glance, no trash visible. Littl area is closely examined for litter and		trash (<10 pieces) evident when evaluated
☐ Suboptimal	On first glance, little or no trash visib 50 pieces) evident in evaluated area.	le. After	close inspection small levels of trash (~10-
□ Marginal		f site bei	100 pieces) on first glance. Evaluated area ng used by people: scattered cans, bottles,
□ Submargin		f site bei	ated area contains substantial levels of litter ing used frequently by people: many cans, esent.
	Site is significantly impacted by tr	rash. E	vidence of trash accumulation behind a

levels of litter and debris (>400 pieces).

constriction point or evidence of excessive dumping. Evaluated area contains substantial

Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle □ Potential batteries, or fluorescent light bulbs. Alternatively high prevalence of any Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential Threat to vehicle batteries, or spray cans; any evidence large clumps of yard waste **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

□ Poor

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

	¥		TENTIA HECK			111	P		TIAL S	OURC TO 2)	E	M
TYPE	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive	1											
Biohazard Waste					- 63							
Business Related	_											
Cigarette Butts								e e				
Construction						20	-					
Fabric/Clothing												
Food Packaging												
Food Waste					44							
Household												
Shopping Carts												
Toxic												
Yard Waste						-1-40/			-1 10	in land		

ments <u>:</u>				
· · · · · · · · · · · · · · · · · · ·				
75.00		TO THE THE PARTY.		
		- ACAMAN		
			200	
	2.0			

SITE ID:	CB05-4	DATE: <u>5/27/2009</u>
LOCATION: _	BY RUNWAY LIGHT VAULT	TIME: _0855
OBSERVER:	KRIS GREEN, ANNIE HILL	
PREVIOUS TRASI	ASSESSMENT RATING:	
ESTIMATED AREA	A OF ASSESSMENT L X W (FT):	20x20
	Amount and Ext	ent of Trash
EVALUATION OF T	RASH INCLUDES*: X MS4	RECEIVING WATER BOTH
X Optimal	On first glance, no trash visible. Litt area is closely examined for litter and	le or no trash (<10 pieces) evident when evaluated debris.
□ Suboptimal	On first glance, little or no trash visit 50 pieces) evident in evaluated area.	ole. After close inspection small levels of trash (~10-
□ Marginal		vels (~51-100 pieces) on first glance. Evaluated area of site being used by people: scattered cans, bottles, present.
□ Submargina		e. Evaluated area contains substantial levels of litter of site being used frequently by people: many cans, lothing present.
□ Poor		rash. Evidence of trash accumulation behind a essive dumping. Evaluated area contains substantial s).

Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential Threat to vehicle batteries, or spray cans; any evidence large clumps of yard waste **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

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

	nt		TENTIA HECK				P	(CHE	TIAL S		E	
ТУРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												
Cigarette Butts				31								
Construction				11								
Fabric/Clothing												
Food Packaging											10	
Food Waste							.=.					
Household												
Shopping Carts												
Toxic												
Yard Waste						-b 40 //				ia la sati		

mments:				
		ate and a supplemental suppleme		7.0-7.0
	200 - 20	3		2.0
			b 14.0000	10014
2002 E	100 States			10.
The second second			W. T.	

Amount and Extent of Track						
ESTIMATED AR	EA OF ASSESSMENT L X W (FT):	20x2	0			
PREVIOUS TRA	SH ASSESSMENT RATING:					
OBSERVER:	KRIS GREEN/ ANNIE HILL					
LOCATION:	EAST OF CONTROL TOWER	TIME:	0750			
3112.31		272.	J. 2.7.2000			
SITE ID:	CB06-5	DATE:	5/27/2009			

Amount and Extent of Trash				
EVALUATION OF TR	ASH INCLUDES*: X MS4 RECEIVING WATER BOTH			
x 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 Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)					
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.				
□ Potential Threat to Aquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.				

	nt		TENTIA HECK				P		TIAL S	OURC TO 2)	E	F
ТУРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Honsehold	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												
Cigarette Butts												
Construction									52			
Fabric/Clothing												
Food Packaging												
Food Waste												
Household					<u> </u>							
Shopping Carts												
Toxic												
Yard Waste				0								

comments:					
				27	
200	See men	the solution are to	NOON LOW.		
	2		= %		
	7.755 23.1		35 36 7 2		

SITE ID:	EID: CB07-6		5/27/2009		
LOCATION:	OWS AT AA MAINTENANCE YARD	TIME:	0732		
OBSERVER: KRIS GREEN/ANNIE HILL					_
PREVIOUS TRA	SH ASSESSMENT RATING:			9	_
ESTIMATED AREA OF ASSESSMENT L X W (FT):			0		

Amount and Extent of Trash				
EVALUATION OF TR	ASH INCLUDES*: X MS4 RECEIVING WATER BOTH			
x 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 Evalu	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
□ Potential Threat to Aquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

SITE ID:	CB07-7	DATE: <u>5/27/2009</u>				
LOCATION:	CB AT WEST WING PARKING	TIME: 0630				
OBSERVER:	KRIS GREEN/ANNIE HILL					
PREVIOUS TRAS	H ASSESSMENT RATING:					
ESTIMATED ARE	A OF ASSESSMENT L X W (FT):	50x50				
	Amount and Ex	ent of Trash				
EVALUATION OF 1	RASH INCLUDES*: X MS4	RECEIVING WATER BOTH				
x Optimal	On first glance, no trash visible. Lit area is closely examined for litter an	tle or no trash (<10 pieces) evident when evaluated d debris.				
☐ Suboptimal	On first glance, little or no trash visi 50 pieces) evident in evaluated area	ble. After close inspection small levels of trash (~10-				
□ 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.					
□ Submargina		ce. Evaluated area contains substantial levels of litter of site being used frequently by people: many cans, clothing present.				
□ Poor		trash. Evidence of trash accumulation behind a essive dumping. Evaluated area contains substantial es).				

Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential Threat to vehicle batteries, or spray cans; any evidence large clumps of yard waste **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

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

	ıt .	POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТҮРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive											-	
Biohazard Waste					13							
Business Related												
Cigarette Butts												
Construction												
Fabric/Clothing												
Food Packaging												
Food Waste												
Household												
Shopping Carts										Dis ^{II}		
Toxic												
Yard Waste												

Comments:			
		9	
- 100 m m m m m m m m m m m m m m m m m m			***
		-	
	5.34. ()	***********	

SITE ID:	CB08-8		5/27/2009					
LOCATION:	T1 GATE 9 SLIT TRENCH		0918					
OBSERVER:	KRIS GREEN/ ANNIE HILL							
PREVIOUS TRA	PREVIOUS TRASH ASSESSMENT RATING:							
ESTIMATED AR	EA OF ASSESSMENT L X W (FT):	_20x2	0					
	Amount and Extent of Trash							
EVALUATION OF	TRASH INCLUDES*: X MS4	RECEIVI	NG WATER BOTH					
Optimal On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluate								

	Amount and Extent of Trash						
EVALUATION OF TR	EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH						
On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.							
X 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 Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

	ıt.		TENTIA HECK			ilit.	F		TIAL S	OURC TO 2)	E	
ТУРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Honsehold	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												=
Cigarette Butts												
Construction												
Fabric/Clothing												
Food Packaging												
Food Waste									-			
Household					Г							
Shopping Carts							Et :					
Toxic												
Yard Waste	1										4	

omments <u>:</u>	 W			
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SITE ID :	ITE ID: CB12-9		5/27/2009					
LOCATION:	OCATION: INLET W END OF T2		0711					
OBSERVER:	KRIS GREEN/ ANNIE HILL							
PREVIOUS TRAS	PREVIOUS TRASH ASSESSMENT RATING:							
ESTIMATED ARE	A OF ASSESSMENT L X W (FT):	0						
	Amount and Extent of Trash							
EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH								
X 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

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

levels of litter and debris (>400 pieces).

Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

	ij		TENTIA HECK				F		TIAL S	OURC TO 2)	E	13
Түре	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive			Ì		İ							
Biohazard Waste												
Business Related												
Cigarette Butts												
Construction												
Fabric/Clothing												
Food Packaging		П										
Food Waste				,								
Household												
Shopping Carts												
Toxic												
Yard Waste												

Comments:				
	US KINI BESTANDA DE TRADATION MULTURA	*:		
<u> </u>			The state of the s	
	50-3t		37.000	WANTED SHIPE TO
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	antawaw s je sa			

SITE ID: CB09-10 DATE: 5/27/2009						
LOCATION: TERMINAL 1 PARKING LOT TIME: 0648						
OBSERVER: KRIS GREEN. ANNIE HILL						
PREVIOUS TRASH ASSESSMENT RATING:						
ESTIMATED AREA OF ASSESSMENT L x W (FT): 20x20						
Amount and Extent of Trash						

	Amount and Extent of Trash						
EVALUATION OF TR	EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH						
X Optimal On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluate 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 Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

	ţ		TENTIA HECK			POTENTIAL SOURCE (CHECK UP TO 2)						
TYPE	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Honsehold	Construction	Commercial	Industriał	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												
Cigarette Butts												
Construction										- 1		
Fabric/Clothing												
Food Packaging												
Food Waste												
Household					-VI							
Shopping Carts												
Toxic												
Yard Waste	DESENS				4.45				-1			

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23 June 2009

Amanda Archenhold MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego, CA 92123

RE:San Diego Airport

Work Order No.: 0905400

Attached are the results of the analyses for samples received by the laboratory on 05/27/09 12:45.

The samples were received by Sierra Analytical Labs, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analyses were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report. If you require any additional retaining time, please advise us.

Sincerely,

Kuhard K. Forsyth

Laboratory Director

Sierra Analytical Labs, Inc. is certified by the California Department of Health Services (DOHS), Environmental Laboratory Accredidation Program (ELAP) No. 2320.



Project: San Diego Airport

Project Number: [none]

Project Manager: Amanda Archenhold

Reported: 06/23/09 16:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CBO8-8-5-27-09	0905400-01	Liquid	05/27/09 09:18	05/27/09 12:45
CBO8-8-FB-5-27-09	0905400-02	Liquid	05/27/09 09:30	05/27/09 12:45
CBO8-8-DUP-5-27-09	0905400-03	Liquid	05/27/09 09:18	05/27/09 12:45

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 otherwises noted in the report with data qualifiers. All quality objective criteria were met, except as noted in the report with data qualifiers.



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 06/23/09 16:11

Microbiological Parameters by APHA Standard Methods Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Notes
CBO8-8-5-27-09 (0905400-01) Liquid	Sampled: 05/27/	09 09:18	Received: 0	5/27/09 1	2:45				
Enterococcus Fecal Coliforms Total Coliforms	1200 210 150000	100 10 1000	CFU/100 mL "	100 10 1000	B9E2802	05/27/09	05/27/09 15:10	SM 9230C SM 9222D SM 9222B	
CBO8-8-FB-5-27-09 (0905400-02) Liqu	id Sampled: 05	/27/09 09:	30 Receive	d: 05/27/	09 12:45				
Enterococcus	<10	10	CFU/100 mL	10	B9E2802	05/27/09	05/27/09 15:10	SM 9230C	
Fecal Coliforms	<10	10	"	"	"	"	"	SM 9222D	
Total Coliforms	<10	10	"	"	"	"	"	SM 9222B	
CBO8-8-DUP-5-27-09 (0905400-03) Liq	uid Sampled: (05/27/09 09	9:18 Receiv	ed: 05/2	7/09 12:45				
Enterococcus	1700	100	CFU/100 mL	100	B9E2802	05/27/09	05/27/09 15:10	SM 9230C	
Fecal Coliforms Total Coliforms	160 120000	10 1000	"	10 1000	"	"	"	SM 9222D SM 9222B	



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 06/23/09 16:11

Conventional Chemistry Parameters by APHA/EPA Methods Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CBO8-8-5-27-09 (0905400-01) Liquid Sa	mpled: 05/27/0	9 09:18 R	eceived:	05/27/09 1	2:45				
Total Hardness Hexane Extractable Material (HEM)	692 2.30	0.400 2.00	mg/L	1	B9F2321 B9E2831		06/23/09 14:57 05/28/09 13:50	SM 2340 C EPA 1664	
CBO8-8-FB-5-27-09 (0905400-02) Liquid	Sampled: 05/2	27/09 09:30	Receiv	ved: 05/27/0	9 12:45				
Total Hardness Hexane Extractable Material (HEM)	ND ND	0.400 2.00	mg/L	1	B9F2321 B9E2831	06/23/09 05/28/09	06/23/09 14:57 05/28/09 13:50		



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 06/23/09 16:11

Metals (Dissolved) by EPA 200 Series Methods Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CBO8-8-5-27-09 (0905400-01) Liquid S	Sampled: 05/27/0	9 09:18 Re	eceived:	05/27/09 1	2:45				
Cadmium	16	4.0	μg/L	2	B9F0119	06/01/09	06/01/09 15:20	EPA 200.8	_
Copper	1300	2.0	"	"	"	"	"	"	
Lead	6.7	4.0	"	"	"	"	"	"	
Zinc	1100	2.0	"	"	"	"	"	"	
CBO8-8-FB-5-27-09 (0905400-02) Liquid	l Sampled: 05/	27/09 09:30	Receiv	ved: 05/27/	09 12:45				
Cadmium	ND	4.0	μg/L	2	B9F0119	06/01/09	06/01/09 15:24	EPA 200.8	
Copper	ND	2.0	"	"	"	"	"	"	
Lead	ND	4.0	"	"	"	"	"	"	
Zinc	3.4	2.0	"	"	"	"	"	"	



Analyte

Copper

Lead

Zinc

MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego CA, 92123 Project: San Diego Airport

Spike

Level

100

100

100

Source

Result

%REC

94.6

134

111

1.6

0.54

3.4

70-130

70-130

70-130

3.17

25.0

7.27

20

20

20

QM-07

%REC

Limits

RPD

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 06/23/09 16:11

RPD

Limit

Notes

Metals (Dissolved) by EPA 200 Series Methods - Quality Control Sierra Analytical Labs, Inc.

Units

Reporting

Limit

2.0

4.0

2.0

Result

96.2

135

114

Batch B9F0119 - EPA 200 Series										
Blank (B9F0119-BLK1)				Prepared of	& Analyze	ed: 06/01/	09			
Cadmium	ND	4.0	μg/L							
Copper	ND	2.0	"							
Lead	ND	4.0	"							
Zinc	ND	2.0	"							
LCS (B9F0119-BS1)				Prepared of	& Analyze	ed: 06/01/	09			
Cadmium	101	4.0	μg/L	100		101	85-115			
Copper	99.6	2.0	"	100		99.6	85-115			
Lead	111	4.0	"	100		111	85-115			
Zinc	107	2.0	"	100		107	85-115			
Matrix Spike (B9F0119-MS1)	Sourc	e: 090540	0-02	Prepared of	& Analyze	ed: 06/01/	09			
Cadmium	98.0	4.0	μg/L	100	ND	98.0	70-130			
Copper	99.3	2.0	"	100	1.6	97.7	70-130			
Lead	105	4.0	"	100	0.54	104	70-130			
Zinc	106	2.0	"	100	3.4	103	70-130			
Matrix Spike Dup (B9F0119-MSD1)	Source: 0905400-02			Prepared of	& Analyze	ed: 06/01/	09			
Cadmium	96.1	4.0	μg/L	100	ND	96.1	70-130	1.96	20	



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 06/23/09 16:11

Notes and Definitions

_<10 <10

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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, June 23, 2009 Received Date: Thursday, May 28, 2009

Received Time: 10:01 am Turnaround Time: Normal

Client: Sierra Analytical

26052 Merit Circle, Suite 105 Laguna Hills, CA 92653

Mevinphos ND 0.089 0.10

.....ND

_____ND

.....ND

TrichloronateND

Surrogate: Triphenyl phosphate

Tokuthion (Prothiofos)ND 0.063 0.10

ND 0.060

Attn: Nick Forsyth Project: 0905400

Naled

Phorate

Ronnel

Stirophos

Phones: (949) 348-9389 **Fax:** (949) 348-9115

6/2/09 6/17/09 13:51 day W9F0112

6/17/09 13:51 day W9F0112

6/17/09 13:51 day W9F0112

6/17/09 13:51 day W9F0112

6/17/09 13:51 day W9F0112

6/17/09 13:51 day W9F0112

6/17/09 13:51 day W9F0112

S-04

P.O. #:

Lab Sample ID: 9E28003-01 Sampled by: Client	Sample ID: Sampled: 05/		3-8-5-27-09 9:18							Ma	trix: Water
Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed		Batch	Qualifier
Azinphos methyl (Guthion)	ND	0.12	0.15	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Bolstar	ND	0.088	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Chlorpyrifos	ND	0.041	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Coumaphos	ND	0.068	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Demeton-o	ND	0.049	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Demeton-s	ND	0.063	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Diazinon	ND		0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Dichlorvos	ND	0.11	0.15	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Disulfoton	ND	0.064	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Ethoprop	ND	0.11	0.15	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Fensulfothion	ND	0.090	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Fenthion	ND	0.027	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Merphos	ND	0.062	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Methyl parathion	ND	0.057	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	

Lab Sample ID: 9E28003-02	Sample ID: CB08-8-8-FB-5-27-09	Matrix: Water
Sampled by: Client	Sampled: 05/27/09 09:30	

ug/l

ug/l

ug/l

ug/l

ug/l

ug/l

ug/l

0.10

0.10

6-173

0.054

200 %

0.037 0.10

0.050 0.10

0.031 0.10

EPA 8141A EPA 8141A

EPA 8141A

EPA 8141A

EPA 8141A

EPA 8141A

EPA 8141A

6/2/09

6/2/09

6/2/09

6/2/09

6/2/09

6/2/09

Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed		Batch	Qualifier
Azinphos methyl (Guthion)	ND	0.12	0.15	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Bolstar	ND	0.088	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Chlorpyrifos	ND	0.041	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Coumaphos	ND	0.068	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Demeton-o	ND	0.049	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	

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Surrogate: Triphenyl phosphate

Certificate of Analysis

Lab Sample ID: 9E28003-02 Sample ID: CB08-8-8-FB-5-27-09 Matrix: Water Sampled by: Client Sampled: 05/27/09 09:30

Sampled by: Client	Sampled: 05/	27/09 09	9:30								
Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed		Batch	Qualifier
Demeton-s	ND	0.063	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Diazinon	ND	0.058	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Dichlorvos	ND	0.11	0.15	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Disulfoton	ND	0.064	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Ethoprop	ND	0.11	0.15	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Fensulfothion	ND	0.090	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Fenthion	ND	0.027	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Merphos	ND	0.062	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Methyl parathion	ND	0.057	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Mevinphos	ND	0.089	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Naled	ND	0.060	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Phorate	ND	0.054	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Ronnel	ND	0.037	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Stirophos	ND	0.050	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Tokuthion (Prothiofos)	ND	0.063	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	
Trichloronate	ND	0.031	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav	W9F0112	

6-173

136 %



Quality Control Section

Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Batch W9F0112 - EPA 8141A

Blank (W9F0112-BLK1)					Prepared: 06	/02/09	Analyzed: 06/17	/09 13:51	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Triphenyl phosphate		1.30		ug/l	1.00	130	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					
CS (W9F0112-BS1)					Prepared: 06	/02/09	Analyzed: 06/17	/09 13:51	

LCS (W9F0112-BS1)

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Triphenyl phosphate		1.26		ug/l	1.00	126	6-173		
Azinphos methyl (Guthion)		0.993		ug/l	1.00	99	18-159		
Bolstar		1.02		ug/l	1.00	102	49-148		
Chlorpyrifos		1.01		ug/l	1.00	101	49-143		
Coumaphos		1.10		ug/l	1.00	110	42-161		
Demeton-o		1.02		ug/l	1.00	102	47-132		
Demeton-s		0.957		ug/l	1.00	96	45-147		
Diazinon		1.09		ug/l	1.00	109	46-136		
Dichlorvos		0.923		ug/l	1.00	92	29-164		
Disulfoton		0.951		ug/l	1.00	95	46-155		
Ethoprop		1.06		ug/l	1.00	106	54-141		
Fensulfothion		1.32		ug/l	1.00	132	54-167		
Fenthion		1.07		ug/l	1.00	107	50-143		
Merphos		1.48		ug/l	1.00	148	40-185		
Methyl parathion		1.07		ug/l	1.00	107	47-142		

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Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Batch W9F0112 - EPA 8141A

LCS (W9F0112-BS1)					Prepared: 06	/02/09	Analyzed: 06/17		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Mevinphos		1.22		ug/l	1.00	122	43-145		
Naled		1.04		ug/l	1.00	104	16-177		
Phorate		0.951		ug/l	1.00	95	56-134		
Ronnel		1.07		ug/l	1.00	107	49-140		
Stirophos		1.10		ug/l	1.00	110	46-146		
Tokuthion (Prothiofos)		1.03		ug/l	1.00	103	52-139		
Trichloronate		0.914		ug/l	1.00	91	52-136		
LCS Dup (W9F0112-BSD1)					Prepared: 06	/02/09	Analyzed: 06/17/09 13:51		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Triphenyl phosphate		1.30		ug/l	1.00	130	6-173		
Azinphos methyl (Guthion)		0.936		ug/l	1.00	94	18-159	6	25
Bolstar		1.06		ug/l	1.00	106	49-148	4	25
Chlorpyrifos		1.08		ug/l	1.00	108	49-143	6	25
Coumaphos		1.04		ug/l	1.00	104	42-161	5	25
Demeton-o		1.02		ug/l	1.00	102	47-132	0.3	25
Demeton-s		0.982		ug/l	1.00	98	45-147	3	25
Diazinon		1.12		ug/l	1.00	112	46-136	3	25
Dichlorvos		0.881		ug/l	1.00	88	29-164	5	25
Disulfoton		0.984		ug/l	1.00	98	46-155	3	25
Ethoprop		1.08		ug/l	1.00	108	54-141	2	25
Fensulfothion		1.22		ug/l	1.00	122	54-167	8	25
Fenthion		1.14		ug/l	1.00	114	50-143	6	25
Merphos		1.60		ug/l	1.00	160	40-185	8	25
Methyl parathion		1.14		ug/l	1.00	114	47-142	6	25
Mevinphos		1.23		ug/l	1.00	123	43-145	1	25
Naled		1.07		ug/l	1.00	107	16-177	3	25
Phorate		1.01		ug/l	1.00	101	56-134	6	25
Ronnel		1.12		ug/l	1.00	112	49-140	5	25
Stirophos		1.14		ug/l	1.00	114	46-146	3	25
Tokuthion (Prothiofos)		1.09		ug/l	1.00	109	52-139	5	25
Trichloronate		0.982		ug/l	1.00	98	52-136	7	25

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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.

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



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.

Flags for Data Qualifiers:

S-04	The surroga	ate recovery for this sample	is outside of established con	itrol limits due to possi	ble sample matrix effect.
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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

DL Method Detection Limit
RL Method Reporting Limit
MDA Minimum Detectable Activity

9E28003 Page 5 of 5

CHAIN OF CUSTODY RECORD

SIERRAANALYTICAL

TEL: 949•348•9389

FAX: 949•348•9115

26052 Merit Circle. Suite 105. Laguna Hills, CA-92653

Date: \$\infty 27/69 Page \tag \to of_

Lab Project No.:

Geotracker EDD Info: Field Point Names/ mos. Client LOGCODE Site Global ID Comments Return to Client ☐ Lab Disposal* Sample Disposal: Storage Location mc GOO - 12103 ☐ Archive Other Chilled - Temp. (°C) - C.O FOR LABORATORY USE ONLY - Sample Receipt Conditions: Chilled - Temp. (°C) Total Number of Containers Submitted to 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. The delivery of samples and the signature on this chain of custody form constitutes Total Number of Containers Received Other _ Analysis Requested by Laboratory Appropriate Sample Container Laboratory Properly Labelled Sample Seals Ø (T Intact Ţ D X Time: (2:45) No. of Containers Date: **5/**27 24 Hour 72 Hour D 5 Day Date: Time: Versous various Container Immediate Hour Normal 4 Day Received By: Nate Blassock Company: SUN Prily HO Preservative Client Project ID: Time Requested Turn Around (Carrier/Waybill No.) Matrix 3 Shipped Via: Received Bv: Received By: Company: 5/27 0918 Time 202 Time: Time: Date Date 1808-8 DURJUPO103 51 858 2783600 Sierra No. 2808-8 FB-5-209 02 õ CR08-8-5-17-09 SanDreso Client Sample ID. Special Instructions: Client Proj. Mgr.: Client Address: Client Tel. No.: Client Fax. No.: Sampler Signature: Relinquished By: telinquished By: Client: Company: Company:

DISTRIBITION: White - To Accompany Samples. Yellow - Laboratory Copy. Pink - Field Personnel Copy

		x Routine Inve	stigation			/ID Follow-	•	r			
	SITE DESCRIP	TION				ees to 5th plac					
Site ID	CB01-1			Latitude	32.7325	57	Wat	Hydrolog	gic Unit	908	
Location	Catch basin near	r DHL area		Longitude	e -117.17	969	Watershed	Hydrolog	gic Area	908.2	
Date	6/25/2009			TB Page	1288 H	1		(Optional		908.2	1
Time	0751			Observer	KG, AI	· I		charge Areational)	a		
Land Use (Pr (Check one or		☐ Residential	□ Comn	nercial	x Industrial		ral	□ Parks		Open	
	econdary) eater than 10%)	☐ Residential	□ Comn	nercial	x Industrial	☐ Agricultu	ral	□ Parks		Open	
Conveyance (Check one or	nly)	☐ Manhole	x Catch	Basin	□ Outlet	☐ Concrete Channel		□ Natural (Creek 🗆 l	Earthen Cha	annel
ATMOSPH	ERIC CONDIT	IONS									
Weather Tide Last Rain	☐ Sunny☐ N/AX > 72 hours	□ Partly Cloud□ Low□ < 72 hours	y x Overc x Incom		□ Fog □ High	□ Outgoing		Tide Heig	ht: ft.		
Rainfall	X None	□ < 0.1"	□ > 0.1"	,							
RUNOFF C	CHARACTERIS' x None	TICS	□ Rotte	en Eggs	□ Cher	nical	□ Se	vage	□ 0	ther	
Color	□ None	x Yellow	□ Brov		□ Whit		□ Gr	ay	□ O		
Clarity Floatables	x Clear x None	□ Trash	_	htly Cloudy bles/Foam	☐ Opac ☐ Shee	•	□ Fe	cal Matter	□ 0 □ 0		
Deposits	X None	☐ Sediment/Gravel		Particulates				y Deposits	□0		
Vegetation	x None	□ Limited	□ Norr	mal	☐ Exce	ssive			□O	ther	
U	x None	□ Insects	□ Alga	ne	□ Snail		□ Mı	ssels/Barnacl		ther	
Biology Flow Obser	x None ved □Yes	☐ Insects ☐ No x Pond	□ Alga ed □ Tida		□ Snail		□ Mu	ssels/Barnacl		ther	
Biology Flow Obser Does the sto Evidence of	rved □Yes orm drain flow re	□ No x Ponderach the Receiving	ed □ Tida Water? x No □		□ Yes	s/Fish	□ Mu			ther	
Biology Flow Obser Does the sto Evidence of Photo Take	rved □Yes orm drain flow ref Overland Flow? n x Yes	□ No x Ponderach the Receiving Yes □ No Photo	ed	al	□ Yes	s/Fish □ No				ther	
Biology Flow Obser Does the sto Evidence of Photo Take	orm drain flow ref COverland Flows on x Yes	□ No x Ponderach the Receiving Yes □ No Photo sected? x Yes	ed □ Tida Water? x No □	al	□ Yes	s/Fish □ No					.2
Biology Flow Obser Does the sto Evidence of Photo Take Field Screeni	rved □Yes orm drain flow ref C Overland Flow? on x Yes on Samples Coll (°C) 21.6	□ No x Ponderach the Receiving ? □ Yes □ No Photo: ected? x Yes NH	ed	al Irrigation Ru	□ Yes unoff □ □	s/Fish □ No Other:			es 🗆 O	mg/L)	.2
Biology Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units	rved □Yes orm drain flow ref C Overland Flow? on x Yes on Samples Coll (°C) 21.6	□ No x Ponderach the Receiving Yes □ No Photo: ected? x Yes □ NH □ TU	ed	al Irrigation Ru	□ Yes unoff □ □	□ No Other: 3-N (mg/L)	x N/A		React PO4 (mg/L)	_
Biology Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units) FLOW EST	rved \Box Yes orm drain flow ref c Overland Flow? on x Yes on Samples Coll $(^{\circ}C)$ 21.6 $(^{\circ}C)$ 6.76	□ No x Ponderach the Receiving Yes □ No Photo: ected? x Yes □ NH □ TU RKSHEETS ulvert	ed	Irrigation Ru	□ Yes unoff □ □	s/Fish No Other: 3-N (mg/L) ND (mS/cm)	x N/A		React PO4 (mg/L)	_
Biology Flow Obser Does the sto Evidence of Photo Take Cield Screeni Water Temp pH (pH units) FLOW EST	rved \Box Yes orm drain flow reference for a flow from \Box Yes on \Box Yes	No x Ponderach the Receiving Yes No Photo: ected? x Yes NH TU: RKSHEETS ulvert Ft	ed	Irrigation Ru	□ Yes unoff □ □ NO □ CO	S/Fish □ No Other: 3-N (mg/L) ND (mS/cm)	x N/A		React PO4 (MBAS (mg/I	mg/L)	_
Biology Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp PH (pH units) FLOW EST Flowin Width	rved \Box Yes orm drain flow reference for a flow from \Box Yes on \Box Yes	No x Ponderach the Receiving Yes No Photo: ected? x Yes NH TU RKSHEETS ulvert Ft Ft T	ed	Irrigation Ru	□ Yes unoff □ □ NO □ CO	S/Fish □ No Other: 3-N (mg/L) ND (mS/cm) ume □ mL	x N/A	Diameter	React PO4 (MBAS (mg/I	mg/L) J Pipe Ft	1
Biology Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units) FLOW EST Flowin Width Depth Velocity	rved \Box Yes orm drain flow reference for a flow from \Box Yes on \Box Yes	No x Ponderach the Receiving Yes No Photo: ected? x Yes NH TU RKSHEETS ulvert Ft Ft T	ed	Irrigation Ru	□ Yes unoff □ □ NO □ CO	No No Other: 3-N (mg/L) ND (mS/cm) mL sec	x N/A	Diameter Depth	React PO4 (MBAS (mg/I	mg/L) .) Pipe Ft Ft	1 ec
Biology Flow Obser Does the store of the Evidence of the Evi	rved □Yes orm drain flow ref or Overland Flow? on x Yes on Samples Coll (°C) 21.6 o) 6.76 CIMATION WOLL on Creek or Box Coll on Coll on Creek or Box Coll on Coll	No x Ponderach the Receiving Yes No Photo: ected? x Yes NH TU RKSHEETS ulvert Ft Ft ft/sec gpm	ed	Irrigation Ru	□ Yes unoff □ □ NO □ CO	No No Other: 3-N (mg/L) ND (mS/cm) mL sec	x N/A	Diameter Depth Velocity	React PO4 (MBAS (mg/I	mg/L) Pipe Ft Ft ft/s	1 ec
Biology Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units) FLOW EST Flowin Width Depth Velocity Flow	rved \Box Yes orm drain flow reference for a flow from \Box Yes on \Box Yes	No x Ponderach the Receiving Yes No Photo: ected? x Yes NH TU RKSHEETS ulvert Ft Ft ft/sec gpm	ed	Irrigation Ru	□ Yes unoff □ □ NO □ CO	No No Other: 3-N (mg/L) ND (mS/cm) mL sec	x N/A	Diameter Depth Velocity	React PO4 (MBAS (mg/I	mg/L) Pipe Ft ft/s gpr	1 ec

		x Routine Invest	igation			IC/I	D Follow-Up	For				
GENERAL	SITE DESCRIPT	TION		(NAD 83	decir	nal degree	es to 5th place)					
Site ID	CB03-2			Latitude		32.72864		Wat	Hydrologic	Unit	908	
Location	East End of runw	ay near blast fence		Longitude		-117.178	43	Watershed	Hydrologic Area		908	.2
Date	6/25/2009			TB Page		1288 J1		ed	Hydrologic (Optional)	Subarea	908	.21
Time	0739			Observer		KG, AH			harge Area ional)			
Land Use (Pr (Check one or		Residential	Comm	nercial	x Ind	ustrial	Agricultural		Parks	o	pen	
Land Use (Se	econdary) eater than 10%)	Residential	Comr	nercial	x Ind	ustrial	Agricultural		Parks	o	pen	
Conveyance (Check one or		Manhole	x Catch	Basin	Ou	tlet	Concrete Channel		Natural Cr	eek E	arthen (Channel
ATMOSPH	IERIC CONDITI	ONS										-
Weather Tide Last Rain	Sunny N/A > 72 hours	Partly Cloudy x Low < 72 hours	x Overc x Incom		Fog Hig	n	Outgoing		Tide Height	:ft.		
Rainfall	x None	< 0.1"	> 0.1	,								
RUNOFF (CHARACTERIST	CICS										
Odor	None	Musty	Rott	ten Eggs		Chemi	ical	Sew	age	x Oth	ier	<u>seawater</u>
Color	None	Yellow	Bro			White	:	Gray	/	x Oth		<u>seawater</u>
Clarity	x Clear		_	htly Cloudy		Opaqu		_	157	Oti		
Floatables Deposits	x None x None	Trash Sediment/Gravel		bles/Foam Particulates		Sheen Stains			l Matter Deposits	Oti Oti		
Vegetation	x None	Limited	Nor			Exces		Only	Deposits	Otl		
Biology	x None	Insects	Alg			Snails		Mus	sels/Barnacles			
Flow Obser	rved Yes	No Ponde	d x Tid	al								
Dogs that of			Vater?			Yes	No x	N/A				
Does the st	orm drain flow re	ach the Receiving V				1 65	•					
*		_	. No	Irrigation R	unofi		Other:					
Evidence of	f Overland Flow?	Yes	(No	Irrigation R	unofi					_		
Evidence of	f Overland Flow? en x Yes	Yes ?	« No	Irrigation R	unofi					_		
Evidence of Photo Take	f Overland Flow? en x Yes ing Samples Colle	Yes ? No Photo#	No	Irrigation R	unofi	· c	Other:			React PO4 (n	ng/L)	
Evidence of	f Overland Flow? en x Yes ing Samples Colle o (°C)	Yes ? No Photo# ected? Yes x NH3	« No	Irrigation R	unoff	NO3				React PO4 (n MBAS (mg/L)		
Evidence of Photo Take Field Screen Water Temp pH (pH units	f Overland Flow? en x Yes sing Samples Colle o (°C) s) FIMATION WOI	No Photo # ected? Yes x NH3 TUR	No No No N (mg/L)			NO3	-N (mg/L) ID (mS/cm)			MBAS (mg/L))	
Evidence of Photo Take Field Screen Water Temp pH (pH unit FLOW EST	f Overland Flow? en x Yes ing Samples Colle o (°C) s)	No Photo # ected? Yes x NH3 TUR RKSHEETS	No No No N (mg/L) B (NTU)	Irrigation R		NO3	-N (mg/L) ID (mS/cm)	1	P		ipe	f.
Evidence of Photo Take Sield Screen Water Temp pH (pH unit FLOW EST Flow Width	f Overland Flow? en x Yes sing Samples Colle o (°C) s) FIMATION WOI	No Photo # ccted? Yes x NH3 TUR RKSHEETS ulvert ft Vo	No No N (mg/L) B (NTU) Fi			NO3	-N (mg/L) ID (mS/cm) ume mL		Diameter	MBAS (mg/L)	ipe	ft
Evidence of Photo Take Sield Screen Water Temp pH (pH units FLOW EST Flow Width Depth	f Overland Flow? en x Yes sing Samples Colle o (°C) s) FIMATION WOI	No Photo # ected? Yes x NH3 TUR RKSHEETS ulvert ft Vo	No No No N (mg/L) K (NTU) Fi			NO3	-N (mg/L) ID (mS/cm) me mL sec	1 🗖	Diameter Depth	MBAS (mg/L)	ipe	ft
Evidence of Photo Take Photo Take Field Screen Water Temp ph (pH unit) FLOW EST Flow Width Depth Velocity	f Overland Flow? en x Yes sing Samples Colle o (°C) s) FIMATION WOI	No Photo # sected? Yes x NH3 TUR RKSHEETS ulvert ft	No No N (mg/L) B (NTU) Fi			NO3	-N (mg/L) ID (mS/cm) ume mL		Diameter Depth Velocity	MBAS (mg/L)	ipe	ft ft/sec
Evidence of Photo Take Field Screen Water Temp pH (pH unit FLOW EST Flow Width Depth	f Overland Flow? en x Yes sing Samples Colle o (°C) s) FIMATION WOI	No Photo # ected? Yes x NH3 TUR RKSHEETS ulvert ft Vo	No No No N (mg/L) K (NTU) Fi			NO3	-N (mg/L) ID (mS/cm) me mL sec		Diameter Depth	MBAS (mg/L)	ipe	ft
Evidence of Photo Take Field Screen Water Temp pH (pH unit) FLOW EST Flow Width Depth Velocity Flow	f Overland Flow? en x Yes sing Samples Colle o (°C) s) FIMATION WOI	No Photo # ected? Yes x NH3 TUR RKSHEETS ulvert ft ft/sec gpm	No No No N (mg/L) K (NTU) Fi	lling a Bottle	or K	NO3	-N (mg/L) ID (mS/cm) me mL sec gpm	,	Diameter Depth Velocity	Flowing P	ipe	ft ft/sec
Photo Take Field Screen Water Temp pH (pH unit) FLOW EST Flow Width Depth Velocity Flow Analytical L O&G	f Overland Flow? en x Yes ing Samples Colle (°C) s) FIMATION WOR	No Photo # ceted? Yes x NH3 TUR RKSHEETS ulvert ft Ti ft/sec gpm es Collected? Entero.	No N	lling a Bottle No Fecal Col.	or K	NO3	-N (mg/L) ID (mS/cm) me mL sec gpm	,	Diameter Depth Velocity	MBAS (mg/L)	ipe	ft ft/sec
Field Screen Water Temp pH (pH unit) FLOW EST Flow Width Depth Velocity Flow Analytical L O&G (mg/L)	f Overland Flow? en x Yes ing Samples Colle (°C) s) FIMATION WOR	No Photo # Sected? Yes x NH3 TUR RKSHEETS ulvert ft ft ft/sec gpm es Collected? Entero. (MPN/100mL)	No N	No Fecal Col. (MPN/mL)	or K	NO3	-N (mg/L) ID (mS/cm) me mL sec gpm Chlorpy (ug/L)	· .	Diameter Depth Velocity	Flowing P	ipe	ft ft/sec
Field Screen Water Temp PH (pH units FLOW EST Flow Width Depth Velocity Flow Analytical L O&G	f Overland Flow? en x Yes ing Samples Colle (°C) s) FIMATION WOR	No Photo # ceted? Yes x NH3 TUR RKSHEETS ulvert ft Ti ft/sec gpm es Collected? Entero.	No N	lling a Bottle No Fecal Col.	or K	NO3	-N (mg/L) ID (mS/cm) me mL sec gpm	· .	Diameter Depth Velocity	Flowing P	ipe	ft ft/sec

		x Routine I	Investigation		IC/	ID Follow-U	J p Fo r	·		
GENERAL	SITE DESCRI	PTION		(NAD 83	decimal degre	es to 5th place	e)			_
Site ID	CB05-3			Latitude	32.7378	2	₩ ₂	Hydrologic	Unit	908
Location	Rental car park	ing area		Longitude	-117.183	311	Watershed	Hydrologic .	Area	908.2
Date	6/25/2009			TB Page	1268 H7	,	hed	Hydrologic (Optional)	Subarea	908.21
Time	0600			Observer	KG			harge Area ional)		
Land Use (Pr (Check one or		Residen	tial Com	mercial :	x Industrial	Agricultur		Parks	Ор	en
Land Use (Se (Optional, gre Conveyance (Check one or	eater than 10%)	Residen Manhole			x Industrial Outlet	Agricultur Concrete Channel	al	Parks Natural Cree	Op	en rthen Channel
•	•	TONG						•		
ATMOSPH Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly C x Low < 72 hou	X Incom		Fog High	Outgoing		Tide Height:_	ft.	
Rainfall	x None	< 0.1"	> 0.1'	,						
	CHARACTERIS	TICS								
Odor	x None	Musty		ten Eggs	Chemi		Sewa	•	Othe	
Color Clarity	None x Clear	x Yellow	Brov	wn htly Cloudy	White Opaqu		Gray	,	Othe	
Floatables	x None	Trash	-	bles/Foam	Sheen		Feca	l Matter	Othe Othe	
Deposits	None	x Sediment/Grav		Particulates	Stains			Deposits	Othe	
Vegetation	None	x Limited	Non	mal	Excess	sive		- ·	Othe	
Biology	None	x Insects	Alga	ae	Snails	Fish	Mus	sels/Barnacles	Othe	er
Flow Obser Does the sto	ved Yes orm drain flow r		onded Tide	al	Yes	x No	N/A			
Evidence of	Overland Flow			Irrigation Rur	noff x O	ther: Parking l	ot uses	water for dust	control.	
Photo Takeı	n x Yes	No Pho	oto #	_						
	n x Yes ng Samples Coll			_				**: <u></u>		
Photo Taker ield Screenir Water Temp pH (pH units)	ng Samples Coll (°C) 20.4	lected? x Yes		.5		N (mg/L) D (mS/cm)	0 1407		act PO4 (mg/AS (mg/L)	/L) .3 .75
ield Screenii Water Temp pH (pH units)	ng Samples Coll	lected? x Yes	No NH3-N (mg/L)							
ield Screenii Water Temp pH (pH units) FLOW EST	ng Samples Coll (°C) 20.4) 7.14	lected? x Yes	No NH3-N (mg/L) TURB (NTU)		CON	D (mS/cm)	1407	МВ		.75
eld Screenin Water Temp oH (pH units) FLOW EST Flowin Width	ng Samples Coll (°C) 20.4) 7.14	RKSHEETS	No NH3-N (mg/L) TURB (NTU) Fill Volume	2.2	CON	me mL	1407	iameter	AS (mg/L)	e Ft
eld Screenin Vater Temp OH (pH units) LOW EST Flowin Vidth Depth	ng Samples Coll (°C) 20.4) 7.14 IMATION WO	RKSHEETS Culvert ft ft	No NH3-N (mg/L) TURB (NTU) Fill Volume Time to Fill	2.2	CON	me mL sec	1407 D	iameter epth	AS (mg/L)	e Ft Ft
eld Screenin Water Temp OH (pH units) FLOW EST Flowin Width Depth Velocity	ng Samples Coll (°C) 20.4) 7.14 IMATION WO	RKSHEETS Culvert ft ft ft/sec	No NH3-N (mg/L) TURB (NTU) Fill Volume	2.2	CON	me mL	1407 D D V	riameter repth	AS (mg/L)	e Ft Ft ft/sec
eld Screenin Water Temp OH (pH units) FLOW EST Flowin Width Depth Velocity	ng Samples Coll (°C) 20.4) 7.14 IMATION WO	RKSHEETS Culvert ft ft	No NH3-N (mg/L) TURB (NTU) Fill Volume Time to Fill	2.2	CON	me mL sec	1407 D D V	iameter epth	AS (mg/L)	e Ft Ft
FLOW EST Width Depth Velocity Flow malytical La	ng Samples Coll (°C) 20.4) 7.14 IMATION WO	RKSHEETS Culvert ft ft ft ft/sec gpm les Collected?	No NH3-N (mg/L) TURB (NTU) Fill Volume Time to Fill	ling a Bottle or	CON	me mL sec gpm	1407 D D V	riameter repth	AS (mg/L) Flowing Pip	e Ft Ft ft/sec
ield Screenin Water Temp pH (pH units) FLOW EST Flowin Width Depth Velocity Flow	ng Samples Coll (°C) 20.4) 7.14 IMATION WO	RKSHEETS Culvert ft ft ft/sec gpm	No NH3-N (mg/L) TURB (NTU) Fill Volume Time to Fill Flow	ling a Bottle or	CON	me mL sec	1407 D D V	riameter repth	AS (mg/L)	e Ft Ft ft/sec
ield Screenii Water Temp pH (pH units) FLOW EST Flowin Width Depth Velocity Flow nalytical La O&G	ng Samples Coll (°C) 20.4) 7.14 IMATION WO	RKSHEETS Culvert ft ft ft/sec gpm les Collected? Entero.	No NH3-N (mg/L) TURB (NTU) Fill Volume Time to Fill Flow	No Fecal Col.	CON	me mL sec gpm	1407 D D V F	riameter repth	AS (mg/L) Flowing Pip	e Ft Ft ft/sec

Color x None Yellow Brown White Gray x Other Seath Clarity 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 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	~~~		x Routine Inves	tigation			/ID Follow-U	•	•			
Time	<u>GENERAL</u>	SITE DESCRIPT	TION		(NAD 83 d	ecimal degre	ees to 5th place)	T		Γ	_
Time	Site ID	CB05-4			Latitude	32.7306	53	Wa	Hydrologic	Unit	908	
Time	Location	By runway light	vaults		Longitude	-117.18	301	tersh	Hydrologic	Area	908.2	
Land Use (Primary) Check one only) Residential Commercial x Industrial Agricultural Parks Open Check one only) Land Use (Secondary) Optional greater than 10%) Conveyance Check one only) Residential Commercial x Industrial Agricultural 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 N/A x Low x Incoming High Outgoing Tide Height: Tide N/A x Low x Incoming High Outgoing Tide Height: Tide Height: The Height	Date	6/25/2009			TB Page	1288 G	1	led		Subarea	908.21	
Check one only	Time	0730			Observer	KG, AF	ſ					
Coptional, greater than 10% Restormal Commercial A moustail Agricultural Paris Open Conveyance Check one only) Manhole x Catch Basin Outlet Concrete Channel Natural Creek Earthen Channel	1.0	• '	Residential	Comr	mercial 2	k Industrial	Agricultura	1	Parks	Oŗ	oen	
Conveyance Check one only) Manhole x Catch Basin Outlet Channel Channel Natural Creek Earthen Channel			Residential	Comr	nercial ;	k Industrial	Agricultura	ıl	Parks	Or	oen	
Weather Sunny	Conveyance		Manhole	x Catch	Basin	Outlet			Natural Cre	_		:l
Tide	ATMOSPH	IERIC CONDITI	ONS		······································							_
RUNOFF CHARACTERISTICS	Tide	N/A	x Low				Outgoing		Tide Height	:ft.		
None	Rainfall	x None	< 0.1"	> 0.1	,,							
Color	RUNOFF (CHARACTERIS 1	TICS									
Clarity Clear Slightly Cloudy Opaque Other Cloatables x None Trash Bubbles/Foam Stains Oily Deposits v None Sediment/Gravel Fine Particulates Stains Oily Deposits Other Deposits x None Limited Normal Excessive Other Biology x None Insects Algae Snails/Fish Mussels/Barnacles Other Slow Stains Oily Deposits Other Show Stains Oily Deposits Other Other Stains Oily Deposits Other Other Other Stains Oily Deposits Other Oth			•						•			
Place Properties Properti			Yellow					Gra	у			ate
Deposits x None Sediment/Gravel Fine Particulates Stains Oily Deposits Other	•		Trash	_		-	-	Fec	al Matter			
Stology x None Insects Algae Snails/Fish Mussels/Barnacles Other	Deposits	x None										
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:	Vegetation	x None	Limited	Nor	mal	Exce	ssive			Oth	er	
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 # Evided 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 Opepth ft Time to Fill sec Flow gpm Plowing Pipe Volume mL Time to Fill sec Flow gpm Time to Fill sec Flow gpm Tallytical Laboratory Samples Collected? Yes x No O&G Entero. Fecal Col. Chlorpy. Pb (ug/L)	Biology	x None	Insects	Alg	ae	Snai	ls/Fish	Mus	ssels/Barnacles	Oth		_
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 Filling a Bottle or Known Volume Flowing Pipe Width ft Diameter ft Depth ft Depth ft Velocity ft/sec Flow gpm Velocity ft/sec Flow gpm Flow gpm Analytical Laboratory Samples Collected? Yes x No O&G Entero. Fecal Col. Chlorpy. Pb (ug/L)	Eless Obses	uniad Van										
Water Temp (°C)	Does the sto	orm drain flow re	ach the Receiving Yes	Water?				k N/A		_		
FLOW ESTIMATION WORKSHEETS Flowing Creek or Box Culvert Filling a Bottle or Known Volume Flowing Pipe	Does the sto Evidence of Photo Take	orm drain flow re f Overland Flow? en x Yes	Yes No Photo #	Water?				k N/A		_		
Flowing Creek or Box Culvert Filling a Bottle or Known Volume Flowing Pipe	Does the sto Evidence of Photo Take	orm drain flow re f Overland Flow? en x Yes ing Samples Colle	Yes No Photo #	Water? x No x No		noff	Other:	k N/A	R		ıg/L)	
Width ft Volume mL Diameter ft Depth ft Sec Spm Velocity Flow gpm Flow gpm Flow pm Samples Collected? Yes x No Volume	Does the sto Evidence of Photo Take ield Screen Water Temp	orm drain flow re f Overland Flow? en x Yes ing Samples Colle	Yes No Photo #	water? x No x No x No 3-N (mg/L)		noff	Other:	k N/A			ng/L)	
Velocity ft/sec Flow gpm Velocity ft/sec Flow gpm Velocity ft/sec Flow gpm Velocity ft/sec Flow gpm O&G Entero. Fecal Col. Chlorpy. Pb (ug/L)	Does the steel Evidence of Photo Take ield Screen Water Temp pH (pH units	orm drain flow re f Overland Flow? en x Yes ing Samples Colle (°C) s)	Yes No Photo # ected? Yes NH: TUI	water? x No x No x No 3-N (mg/L) RB (NTU)	Irrigation Ru	NO CO	Other:	x N/A		MBAS (mg/L)		
Flow gpm Inalytical Laboratory Samples Collected? Yes x No O&G Entero. Fecal Col. Chlorpy. Pb (ug/L)	Does the sto Evidence of Photo Take ield Screen Water Temp pH (pH unit) FLOW EST Flowi	orm drain flow re f Overland Flow? en x Yes ing Samples Colle (°C) s)	Yes No Photo # ccted? Yes NH: TUI RKSHEETS ulvert ft Ves	water? x No x No 3-N (mg/L) RB (NTU) Final columne	Irrigation Ru	NO CO	Other: 3-N (mg/L) ND (mS/cm) lume mL		N Diameter	MBAS (mg/L)	pe ft	
nalytical Laboratory Samples Collected? Yes x No O&G Entero. Fecal Col. Chlorpy. Pb (ug/L)	Photo Take eld Screen Water Temp OH (pH unit) FLOW EST Flow Width Depth	orm drain flow re f Overland Flow? en x Yes ing Samples Colle (°C) s)	Yes No Photo # Sected? Yes NH: TUI RKSHEETS sulvert ft ft T	water? x No x No 3-N (mg/L) RB (NTU) Final columne in the control of the con	Irrigation Ru	NO CO	3-N (mg/L) ND (mS/cm) lume		Diameter Depth	MBAS (mg/L)	pe ft ft	
D&G Entero. Fecal Col. Chlorpy. Pb (ug/L)	Photo Take eld Screen Water Temp OH (pH units FLOW EST Flow Width Depth	orm drain flow re f Overland Flow? en x Yes ing Samples Colle (°C) s)	Yes No Photo # ected? Yes NH TUI RKSHEETS ulvert ft ft ft ft/sec F	water? x No x No 3-N (mg/L) RB (NTU) Final columne in the control of the con	Irrigation Ru	NO CO	3-N (mg/L) ND (mS/cm) lume		Diameter Depth Velocity	MBAS (mg/L)	pe ft ft ft/sec	
	Does the sto Evidence of Photo Take ield Screen Water Temp pH (pH units FLOW EST Flow Width Depth Velocity Flow	orm drain flow re f Overland Flow? en x Yes sing Samples Colle o (°C) s) FIMATION WOR ing Creek or Box Co	Yes No Photo # Sected? Yes NH: TUI RKSHEETS sulvert ft ft ft/sec gpm	x No x No B-N (mg/L) RB (NTU) Final column in the state of the state	Irrigation Ru	NO CO	3-N (mg/L) ND (mS/cm) lume		Diameter Depth Velocity	MBAS (mg/L)	pe ft ft ft/sec	
	Does the sto Evidence of Photo Take ield Screen Water Temp pH (pH units FLOW EST Flow Width Depth Velocity Flow nalytical L	orm drain flow re f Overland Flow? en x Yes sing Samples Colle o (°C) s) FIMATION WOR ing Creek or Box Co	Yes No Photo # Sected? Yes NH. TUI RKSHEETS ulvert ft ft ft/sec gpm es Collected?	x No x No B-N (mg/L) RB (NTU) Final column in the state of the state	Irrigation Ru	NO CO	3-N (mg/L) ND (mS/cm) lume mL sec gpm		Diameter Depth Velocity	MBAS (mg/L) Flowing Pi	ft ft ft/sec gpm	
Hardness Total Col. Diazanon Cd (ug/L) Zn (ug/L) (mg/L) (MPN/100mL) (ug/L) (ug/L)	Does the ste Evidence of Photo Take ield Screen Water Temp pH (pH units FLOW EST Flow Width Depth Velocity Flow analytical L O&G	orm drain flow re f Overland Flow? en x Yes sing Samples Colle o (°C) s) FIMATION WOR ing Creek or Box Co	Yes No Photo # Sected? Yes NH: TUI RKSHEETS sulvert ft ft/sec gpm es Collected? Entero.	x No x No B-N (mg/L) RB (NTU) Final column in the state of the state	Irrigation Ru	NO CO	3-N (mg/L) ND (mS/cm) lume mL sec gpm Chlorp		Diameter Depth Velocity	MBAS (mg/L) Flowing Pi	ft ft ft/sec gpm	

		x Routine Inves	tigation		IC/	ID Follow-U	p For			
GENERAL	SITE DESCRIP	TION	(NAD 83 dec	imal degre	es to 5th place)				
Site ID	CB06-5		L	atitude	32.73584	1 6	Wa	Hydrologic	c Unit	908
Location	East of control t	ower	L	ongitude	-117.186	37	Watershed	Hydrologic	c Area	908.2
Date	6/25/09		1	B Page	1268 G7		led	Hydrologic (Optional)	c Subarea	908.21
Time	0823		C	bserver	KG, AH			harge Area		
Land Use (P. (Check one o		Residential	Commerc	cial x l	ndustrial	Agricultura	1	Parks	0	pen
Land Use (So	econdary) eater than 10%)	Residential	Commer	cial x l	ndustrial	Agricultura	1	Parks	O	pen
Conveyance (Check one o		Manhole	x Catch Ba	sin	Outlet	Concrete Channel		Natural Cr	reek Ea	arthen Channe
ATMOSPI	IERIC CONDIT	IONS								
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overcast x Incoming		og igh	Outgoing		Tide Height	t: ft.	
Rainfail	x None	< 0.1"	> 0.1"							
RUNOFF	CHARACTERIS	STICS								
Odor	x None	Musty	Rotten	Eggs	Chem			/age		her
Color	None	x Yellow	Brown		White		Gra	У	Oth	
Clarity	Clear	. .		Cloudy	Opaq			-136	Oth	
Floatables	None None	Trash x Sediment/Gravel		s/Foam rticulates	Sheer Stains			al Matter	Oth Oth	
Deposits Vegetation	x None	Limited	Norma		Exces		Ony	y Deposits	Oth	
Biology	x None	Insects	Algae	•	Snails		Mu	ssels/Barnacles		
Flow Obse	rved Yes	x No Pond	ed Tidal							
Does the st	orm drain flow 1	reach the Receiving	Water?		Yes	No :	k N/A			
Evidence o	of Overland Flow	? Yes	x No Im	igation Run	off (Other:				
				-8			-		_	
Photo Tak	en x Yes	No Photo	#							
	ning Samples Col		x No			18				
	p (°C)		3-N (mg/L) RB (NTU)			ND (mg/L)			React PO4 (n MBAS (mg/L)	
Water Tem			KD (NIU)		_ CO	(IIIS/CIII)	1111		MDAS (IIIg/L)	
Water Tem pH (pH uni										
Water Tem pH (pH uni FLOW ES	ts)	ORKSHEETS Culvert		g a Bottle or	Known Vol				Flowing P	
Water Tem pH (pH uni FLOW ES Flow Width	TIMATION WO	ORKSHEETS Culvert	/olume	g a Bottle or	Known Vol	mL		Diameter Depth	Flowing P	ft
Water Tem pH (pH uni FLOW ES Flow Width Depth	TIMATION WO	ORKSHEETS Culvert ft ft 1	Volume Time to Fill	g a Bottle or	Known Vol	mL sec] [Depth	Flowing P	ft ft
Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity	TIMATION WO	DRKSHEETS Culvert ft ft ft ft/sec	/olume	g a Bottle or	Known Vol	mL			Flowing P	ft ft ft/sec
Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow	TIMATION WO	DRKSHEETS Culvert ft ft ft/sec gpm	Volume Fime to Fill Flow		Known Vol	mL sec		Depth Velocity	Flowing P	ft ft
Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow Analytical I O&G	TIMATION WO	ORKSHEETS Culvert ft ft ft/sec gpm Dles Collected? Entero.	Volume Fime to Fill Flow Yes	No Fecal Col.	Known Vol	mL sec gpm		Depth Velocity	Flowing P	ft ft ft/sec gpm
Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow Analytical I	TIMATION WO	ORKSHEETS Culvert ft ft ft/sec gpm Dles Collected?	Volume Fime to Fill Flow Yes	No	Known Vol	mL sec gpm	y.	Depth Velocity		ft ft ft/sec gpm

		x Routine Investi	•			ID Follow-U	_	·		
GENERAL	SITE DESCRIP	TION	(N.	AD 83 dec	imal degre	es to 5th place	<u>) </u>		· I	
Site ID	CB07-6		Lat	itude	32.7308	5	Wat	Hydrologic	Unit	908
Location	OWS @ AA Sta	ging area	Lor	ngitude	-117.19	323	Watershed	Hydrologic .		908.2
Date	6/25/2009	*	ТВ	Page	1288 F1		2	Hydrologic (Optional)	Subarea	908.21
Time	0658		Ob	server	KG, Al	Ī		charge Area tional)		
Land Use (Proceed)		Residential	Commercia	l x Ir	ndustrial	Agricultura	ıl	Parks	Оре	en
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residential	Commercia	ıl x Ir	ndustrial	Agricultura	al	Parks	Оре	en
Conveyance (Check one o		x Manhole	Catch Basin	n C	Outlet	Concrete Channel		Natural Cree	ek Ear	then Channel
ATMOSPI	IERIC CONDIT	IONS	_						<u> </u>	
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overcast Incoming	Fo Hi	g gh	Outgoing		Tide Height:	ft.	
Rainfall	x None	< 0.1"	> 0.1"							
RUNOFF (CHARACTERIS'	TICS								
Odor	None	Musty	Rotten Eg	ggs	Cher			vage	x Other	
Color	None	Yellow	Brown		Whit	-	Gra	ıy	x Other	
Clarity Floatables	Clear x None	Trash	Slightly C Bubbles/F		Opac Shee	•	Fee	al Matter	X Othe Othe	
r ioatables Deposits	None	x Sediment/Gravel	x Fine Parti		Stair			y Deposits	Othe	
Vegetation	x None	Limited	Normal			ssive		, , , , , , , , , , , , , , , , , , , ,	Othe	
Biology	x None	Imponto	Algae		Cont	la //Ciala	N 4.	ssels/Barnacles	Othe	
<i>∞</i>	A None	Insects			Silai	ls/Fish	iviu	isseis/ Darnacies	Oule	<u> </u>
		x No Ponded			Silai	IS/ FISN	Mu	isseis/ Darractes	Othe	<u> </u>
Flow Obse	rved Yes		i Tidal		Yes	x No	N/A		Oule	ē
Flow Obse Does the st	rved Yes	x No Ponded	i Tidal	ation Runo	Yes		N/A		-	ē.
Flow Obse Does the st	rved Yes orm drain flow r	x No Ponded each the Receiving W ? Yes x	i Tidal	ation Runo	Yes	x No	N/A		-	Ø.
Flow Obse Does the st Evidence of the photo Tak	rved Yes form drain flow r of Overland Flow en x Yes	x No Ponder each the Receiving V ? Yes x No Photo#	i Tidal Vater? No Irrig	ation Runo	Yes	x No	N/A		-	e e
Flow Obse Does the st Evidence of the control of	rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll	x No Ponder each the Receiving V ? Yes x No Photo#	d Tidal Vater? No Irrig No	ation Runo	Yes	x No Other:	N/A		-	6
Flow Obse Does the st Evidence of the Photo Tak	rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C)	x No Ponder each the Receiving V ? Yes x No Photo#	i Tidal Vater? No Irrig	ation Runo	Yes off	x No	N/A	Re	eact PO4 (mg BAS (mg/L)	6
Flow Obse Does the st Evidence of the photo Take Tield Screen Water Temph (pH united to the photo Take The photo Take Temphoto Take Temphoto Take Temphoto Take Temphoto Take Temphoto Take Temphoto Take Take Temphoto Take Take Take Take Take Take Take Take	rved Yes form drain flow r of Overland Flow en x Yes hing Samples Coll p (°C) ts) TIMATION WO	x No Ponder each the Receiving V ? Yes x No Photo# lected? Yes x NH3 TUR	d Tidal Vater? No Irrig No No N (mg/L) B (NTU)		Yes off NO CO	x No Other: 3-N (mg/L) ND (mS/cm)	N/A	Re	eact PO4 (mg BAS (mg/L)	IJL)
Flow Obse Does the st Evidence of the photo Take Tield Screen Water Temph (pH united to the photo Take The photo Take Temphoto Take Temphoto Take Temphoto Take Temphoto Take Temphoto Take Temphoto Take Take Temphoto Take Take Take Take Take Take Take Take	rved Yes form drain flow r of Overland Flow en x Yes hing Samples Coll p (°C) ts)	x No Ponder each the Receiving V ? Yes x No Photo# lected? Yes x NH3 TUR RKSHEETS Culvert	d Tidal Vater? No Irrig No No N (mg/L) B (NTU)	ation Runo	Yes off NO CO	x No Other: 3-N (mg/L) ND (mS/cm)	N/A	Re	eact PO4 (mg	IJL)
Flow Obse Does the st Evidence of the st Photo Tak Gield Screen Water Temph (pH unit) FLOW ES Flow	rved Yes form drain flow r of Overland Flow en x Yes hing Samples Coll p (°C) ts) TIMATION WO	x No Ponder each the Receiving V ? Yes x No Photo# lected? Yes x NH3 TUR RKSHEETS Culvert ft Vc ft Tir	No Irrig		Yes off NO CO	x No Other: 3-N (mg/L) ND (mS/cm)	N/A	Ro M	eact PO4 (mg BAS (mg/L)	yL) De ft ft
Flow Obse Does the st Evidence of the st Photo Tak Tield Screen Water Temph (pH unit) FLOW ES Flow Width	rved Yes form drain flow r of Overland Flow en x Yes hing Samples Coll p (°C) ts) TIMATION WO	x No Ponder each the Receiving V ? Yes x No Photo# lected? Yes x NH3 TUR RKSHEETS Culvert ft Vc	No Irrig		Yes off NO CO	x No Other: 3-N (mg/L) ND (mS/cm) lume mL	N/A	Ro M	eact PO4 (mg BAS (mg/L)	z/L) pe ft
Flow Obse Does the st Evidence of Photo Tak Field Screet Water TempH (pH university) FLOW ES Flow Width Depth Velocity Flow	rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) ts) TIMATION WO ving Creek or Box (x No Ponder each the Receiving V ? Yes x No Photo# lected? Yes x NH3 TUR RKSHEETS Culvert ft ft ft/sec gpm	No Irrig	a Bottle or l	Yes off NO CO	x No Other: 3-N (mg/L) ND (mS/cm) lume	N/A	Ro M	eact PO4 (mg BAS (mg/L)	yL) De ft ft
Flow Obse Does the st Evidence of Photo Tak Field Screen Water TempH (pH university) FLOW ES Flow Width Depth Velocity Flow Analytical I	rved Yes form drain flow r of Overland Flow en x Yes hing Samples Coll p (°C) ts) TIMATION WO	x No Ponder each the Receiving V ? Yes x No Photo # lected? Yes x NH3 TUR RKSHEETS Culvert ft	No Irrig	a Bottle or 1	Yes off NO CO	x No Other: 3-N (mg/L) ND (mS/cm) lume mL sec gpm	N/A	Ro M	eact PO4 (mg BAS (mg/L)	pe ft ft ft/sec
Flow Obse Does the st Evidence of Photo Tak Field Screen Water TempH (pH university) FLOW ES Flow Width Depth Velocity Flow Analytical I O&G	rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) ts) TIMATION WO ving Creek or Box (x No Ponder each the Receiving V ? Yes x No Photo # lected? Yes x NH3 TUR RKSHEETS Culvert ft ft ft/sec gpm les Collected? Entero.	No Irrig	a Bottle or l	Yes off NO CO	x No Other: 3-N (mg/L) ND (mS/cm) lume	N/A	Ro M	eact PO4 (mg BAS (mg/L)	pe ft ft ft/sec
Flow Obse Does the st Evidence of Photo Tak Field Screen Water TempH (pH university) FLOW ES Flow Width Depth Velocity Flow Analytical I	rved Yes form drain flow r of Overland Flow en x Yes ning Samples Coll p (°C) ts) TIMATION WO ving Creek or Box (x No Ponder each the Receiving V ? Yes x No Photo # lected? Yes x NH3 TUR RKSHEETS Culvert ft	No Irrig a Bottle or 1	Yes off NO CO	x No Other: 3-N (mg/L) ND (mS/cm) lume mL sec gpm	N/A	Ro M	eact PO4 (mg BAS (mg/L)	pe ft ft ft/sec	

		x Routine Inv	estigation			ID Follow-U	_	r		_	
GENERAL	SITE DESCRIP	TION		(NAD 83 d	lecimal degre	es to 5th place)		1			
Site ID	Сь07-7			Latitude	32.7300	0	Wat	Hydrolo	gic Unit	9	08
Location	Inlet in West wir	ng parking lot		Longitude	-117.193	390	Watershed	Hydrolo	gic Area	9	08.2
Date	6/25/2009			TB Page	1288 F1			(Optiona		ea 9	08.21
Time	0633			Observer	KG, AH	[charge Are			
Land Use (Page 1) (Check one o		Residential	Comm	nercial >	(Industrial	Agricultura	l	Parks		Open	
Land Use (So	econdary) eater than 10%)	Residential	Comr	nercial >	Industrial	Agricultura	l	Parks		Open	
Conveyance (Check one o		Manhole	Catch	Basin	Outlet	x Concrete Channel		Natural	Creek	Earthe	n Channel
ATMOSPH	IERIC CONDITI	ONS									
Weather	Sunny	Partly Clou	•		Fog	Outraina		Tido Usia	whee f		
Tide Last Rain	N/A x > 72 hours	x Low < 72 hours	Incon	ung	High	Outgoing		Tide Hei	ght:f	.t.	
Rainfall	x None	< 0.1"	> 0.1'	,							
RUNOFF (CHARACTERIST	rics									
Odor	None	Musty	Rott	en Eggs	Chem	nical	Sew	vage	х	Other	<u>Dry</u>
Color	None	Yellow	Brov		White	:	Gra	у		Other	<u>Dry</u>
Clarity	Clear		_	htly Cloudy	Opaqı				х	Other	<u>Dry</u>
Ploatables	x None	Trash		bles/Foam	Sheen			al Matter		Other	
Deposits	None	x Sediment/Gravel		Particulates	Stains		Oily	y Deposits		Other	
Vegetation	x None	Limited	Nort		Exces Snails		M	ssels/Barnac	lec	Other Other	
Biology	x None	Insects	Alga		Silalis	9/1·1511	iviu	sscis/ Daillac	103	Other	
Flow Obser		x No Pon		ai	Yes	No x	N/A				
Does the sto	orm drain flow re	ach the Receiving	_		1 62	140 X	IV/A				
Traidones et	f Owenland Flow?	Vos	v No	Immigration Day	off C	ther:					
	f Overland Flow?			Irrigation Rui	noff C	Other:					
		Yes No Photo		Irrigation Rui	noff C	Other:					
Photo Take	n x Yes	No Photo	*x No	Irrigation Ru					D. 4 PO	A (mg/l)	
Photo Take ield Screen Water Temp	n x Yes	No Photo	x No H3-N (mg/L)	Irrigation Ru	NO3	-N (mg/L)			React PO		
Photo Take ield Screen Water Temp pH (pH units	ing Samples Colle (°C)	No Photo ected? Yes No No Photo	*x No	Irrigation Rui	NO3		-		React PO-		
Photo Take ield Screen Water Temp pH (pH units	ing Samples Colle (°C) S)	No Photo ected? Yes No Photo RKSHEETS	x No H3-N (mg/L) URB (NTU)		NO3	-N (mg/L) ND (mS/cm)			MBAS (m	g/L)	
Photo Take ield Screen Water Temp pH (pH units FLOW EST	ing Samples Colle (°C)	No Photo ected? Yes No Photo RKSHEETS	x No H3-N (mg/L) URB (NTU)	ling a Bottle or	NO3	-N (mg/L) ND (mS/cm)		Diameter	MBAS (m		ft
Photo Take ield Screen Water Temp pH (pH units FLOW EST Flowi	ing Samples Colle (°C) S)	No Photo ected? Yes No Photo To	x No H3-N (mg/L) URB (NTU) Fil		NO3	-N (mg/L) ND (mS/cm)	_	Diameter Depth	MBAS (m	g/L)	
Photo Take ield Screen Water Temp pH (pH units FLOW EST Flowi Width Depth	ing Samples Colle (°C) S)	No Photo ected? Yes No Photo RKSHEETS ulvert ft ft	x No H3-N (mg/L) URB (NTU) Fil Volume		NO3	-N (mg/L) ND (mS/cm) nme mL			MBAS (m	g/L)	ft
eld Screen Water Temp OH (pH units FLOW EST Flowi Width Depth Velocity	ing Samples Colle (°C) S)	No Photo ected? Yes No Photo RKSHEETS ulvert ft ft	x No H3-N (mg/L) URB (NTU) Fil Volume Time to Fill		NO3	-N (mg/L) ND (mS/cm) Ime mL sec		Depth	MBAS (m	g/L)	ft ft
Photo Take ield Screen Water Temp pH (pH units FLOW EST Flowi Width Depth Velocity Flow	ing Samples Colle (°C) s) FIMATION WOR	No Photo ected? Yes No Photo To RKSHEETS ulvert ft ft ft ft/sec gpm	x No H3-N (mg/L) URB (NTU) Fil Volume Time to Fill Flow		NO3	-N (mg/L) ND (mS/cm) Ime mL sec		Depth Velocity	MBAS (m	g/L)	ft ft ft/sec
Photo Take ield Screen Water Temp pH (pH units FLOW EST Flowi Width Depth Velocity Flow analytical La	ing Samples Colle (°C) S)	No Photo ected? Yes Ni	x No H3-N (mg/L) URB (NTU) Fil Volume Time to Fill Flow	ling a Bottle on x No Fecal Col.	NO3	-N (mg/L) ND (mS/cm) me mL sec gpm Chlorpy	,	Depth Velocity	MBAS (m	ng/L)	ft ft ft/sec
Photo Take Yellow Streen Water Temp PH (pH units FLOW EST Flow Width Depth Velocity Flow Analytical Lato O&G (mg/L)	ing Samples Colle (°C) s) FIMATION WOR	No Photo ected? Yes Ni	x No H3-N (mg/L) URB (NTU) Fil Volume Time to Fill Flow	x No Fecal Col. (MPN/mL)	NO3	-N (mg/L) ID (mS/cm) IME mL sec gpm Chlorpy (ug/L)		Depth Velocity	Flowin	ng Pipe	ft ft ft/sec
Photo Take Tield Screen Water Temp PH (pH units FLOW EST Flowi Width Depth Velocity Flow	ing Samples Colle (°C) s) FIMATION WOR	No Photo ected? Yes Ni	x No H3-N (mg/L) URB (NTU) Fil Volume Time to Fill Flow	ling a Bottle on x No Fecal Col.	NO3	-N (mg/L) ND (mS/cm) me mL sec gpm Chlorpy		Depth Velocity	MBAS (m	ng Pipe	ft ft ft/sec

		x Routine Invest	igation		x IC/	ID Follow-U	p Fo	r <u>5/26/</u>	09	
GENERAL	SITE DESCRIP	TION		(NAD 83	decimal degre	es to 5th place)			1
Site ID	CB08-8			Latitude	32.7336	8	Wat	Hydrolo	gic Unit	908
Location	Terminal 1 slit to	rench gate 9		Longitude	-117.19	673	Watershed	Hydrolo		908.2
Date	6/25/2009			TB Page	1288 F1	-	ğ.	Hydrolo (Optiona	gic Subarea l)	908.21
Time	0854			Observer	KG, Ah			charge Are otional)	a	
Land Use (P Check one o		Residential	Com	mercial	x Industrial	Agricultura	al	Parks	O	pen
	eater than 10%)	Residential	Com	mercial	x Industrial	Agricultura	al	Parks	0	pen
Conveyance Check one o		Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural	Creek Ea	arthen Channel
TMOSPI	HERIC CONDIT	IONS								
Veather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overo x Incom		Fog High	Outgoing		Tide Heig	ght: ft.	
Rainfall	x None	< 0.1"	> 0.1	,,						
RUNOFF (CHARACTERIS'	TICS								
dor	x None	Musty		ten Eggs	Chen			wage	Oth	
olor larity	None Clear	x Yellow	x Bro	wn htly Cloudy	Whit Opac	-	Gr	ay	Oth	
loatables	None	x Trash	-	bles/Foam	x Sheei		Fe	cal Matter	Oth Oth	
eposits	x None	Sediment/Gravel		e Particulates	Stain		-	ly Deposits	Oth	
egetation	x None	Limited	Nor	mal	Exce	ssive		, - · · · · · · · ·	Oth	
•	x None	Insects	Alg	ae	Snail	s/Fish	M	ussels/Barnac	les Oth	ner
Biology Flow Obse	rved Yes	x No Pondeo	d Tic						les Oth	ner
Biology Flow Obse Does the st	rved Yes	x No Pondec	d Tic	ial	Yes	x No	Mi N/A		les Oth	
Biology Flow Obse Does the st Evidence o	rved Yes orm drain flow re	x No Ponded each the Receiving W	d Tic		Yes				les Oth	
iology Flow Obse Does the st Evidence o	rved Yes orm drain flow re	x No Pondec	d Tic	ial	Yes	x No			les Oth	ner
iology Flow Obse Does the st Evidence o Photo Tak eld Screen	rved Yes orm drain flow re of Overland Flow? en x Yes ning Samples Coll	x No Ponder each the Receiving W ? Yes x No Photo# ected? x Yes	d Tio	Irrigation Ro	Yes unoff (x No Other:	N//	Δ		
Biology Flow Obse Does the st Evidence o	rved Yes orm drain flow re of Overland Flow? en x Yes ning Samples Coll p (°C) 23.7	x No Ponder each the Receiving W ? Yes x No Photo# ected? x Yes NH3-	1 Tio	ial	Yes unoff NO	x No		A	React PO4 (m MBAS (mg/L)	ng/L) .4
Clow Obse Does the st Evidence of Photo Tak Held Screen Vater Tem H (pH unit	rved Yes orm drain flow re of Overland Flow? en x Yes ning Samples Coll p (°C) 23.7	x No Ponder each the Receiving W ? Yes x No Photo# ected? x Yes NH3 TUR	d Tio	Irrigation Ro	Yes unoff NO	x No Other: 3-N (mg/L) ND (mS/cm)	N//	A	React PO4 (m	ng/L) .4 3+
low Obse low Ob	rved Yes form drain flow re of Overland Flow? en x Yes hing Samples Coll p (°C) 23.7 ts) 7.29 TIMATION WO	x No Ponder each the Receiving W ? Yes x No Photo# ected? x Yes NH3- TUR RKSHEETS Culvert ft Vo	No No No No N (mg/L) B (NTU) Fiolume	Irrigation Ro	Yes unoff NO CO	x No Other: 3-N (mg/L) ND (mS/cm) ume mL	N//	Diameter	React PO4 (m MBAS (mg/L)	ig/L) .4 3+
low Obse low Ob	rved Yes form drain flow re of Overland Flow? en x Yes hing Samples Coll p (°C) 23.7 ts) 7.29 TIMATION WO	x No Ponder each the Receiving W ? Yes x No Photo# ected? x Yes NH3 TUR RKSHEETS Culvert ft Vo	No N	Irrigation Ro	Yes unoff NO CO	x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec	N//	Diameter Depth	React PO4 (m MBAS (mg/L)	ng/L) .4 3+ ipe Ft Ft
iology llow Obse looes the st lividence of looto Tak led Screen Vater Tem H (pH unit LOW ES' Flow Vidth lepth lelocity	rved Yes form drain flow re of Overland Flow? en x Yes hing Samples Coll p (°C) 23.7 ts) 7.29 TIMATION WO	x No Ponder each the Receiving W ? Yes x No Photo# ected? x Yes NH3- TUR RKSHEETS Culvert ft ft ft/sec Fice	No N	Irrigation Ro	Yes unoff NO CO	x No Other: 3-N (mg/L) ND (mS/cm) ume mL	N//	Diameter Depth Velocity	React PO4 (m MBAS (mg/L)	ng/L) .4 3+ ipe
Flow Plow City Control of the state of the s	rved Yes form drain flow re of Overland Flow? en x Yes hing Samples Coll p (°C) 23.7 ts) 7.29 TIMATION WO	x No Ponder each the Receiving W ? Yes x No Photo# ected? x Yes NH3 TUR RKSHEETS Culvert ft Vo	No N	Irrigation Ro	Yes unoff NO CO	x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec	N//	Diameter Depth	React PO4 (m MBAS (mg/L)	ng/L) .4 3+ ipe Ft Ft
Flow Obse Does the st Evidence of Photo Take eld Screen Water TempoH (pH unit) FLOW ES Flow Width Depth Velocity Flow nalytical I	rved Yes form drain flow re of Overland Flow? en x Yes hing Samples Coll p (°C) 23.7 ts) 7.29 TIMATION WO	x No Ponder each the Receiving W ? Yes x No Photo# ected? x Yes NH3- TUR RKSHEETS Culvert ft ft ft/sec gpm	No N	Irrigation Ru	Yes unoff NO CO or Known Vol	x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec gpm	N/A	Diameter Depth Velocity	React PO4 (m MBAS (mg/L)	ng/L) .4 3+ ipe
Biology Flow Obse Does the st Evidence of Photo Tak eld Screen Water TempoH (pH unit) FLOW ES Flow Width Depth Velocity Flow nalytical I D&G	rved Yes form drain flow re of Overland Flow? en x Yes sing Samples Coll p (°C) 23.7 ts) 7.29 TIMATION WO	x No Ponder each the Receiving W ? Yes x No Photo# ected? x Yes NH3- TUR RKSHEETS culvert ft	No N	Irrigation Ro	Yes unoff NO CO or Known Vol	x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec gpm Chlorp	<.25 2.67	Diameter Depth Velocity	React PO4 (m MBAS (mg/L)	ng/L) .4 3+ ipe
Biology Flow Obse Does the st Evidence of Photo Tak eld Screen Water TempoH (pH unit) FLOW ES Flow Width Depth Velocity Flow	rved Yes form drain flow re of Overland Flow? en x Yes sing Samples Coll p (°C) 23.7 ts) 7.29 TIMATION WO	x No Ponder each the Receiving W ? Yes x No Photo # ected? x Yes NH3- TUR RKSHEETS Culvert ft ft ft/sec gpm les Collected?	No N	Irrigation Ru	Yes unoff NO CO or Known Vol	x No Other: 3-N (mg/L) ND (mS/cm) ume mL sec gpm	<.25 2.67	Diameter Depth Velocity	React PO4 (m MBAS (mg/L)	ng/L) .4 3+ ipe

		x Routine Invest	igation		IC/	ID Follow-U _l	For				
GENERAL	SITE DESCRIP	TION		(NAD 83 de	cimal degree	es to 5th place)					
Site ID	CB12-9		I	Latitude	32.73516	5	Wa	Hydrolog	gic Unit	908	
Location	Inlet at T-2 Wes	t	I	Longitude	-117.204	44	Watershed	Hydrolog	gic Area	908.2	
Date	6/25/09		1	ΓB Page	1268 E7		hed	Hydrolog (Optional	gic Subarea)	908.21	
Time	0713		(Observer	KG, Ah			harge Area ional)	a		
Land Use (P (Check one o		Residential	Commer	cial x	Industrial	Agricultura	1	Parks	Op	en	
Land Use (S		Residential	Comme	rcial x	Industrial	Agricultura	l	Parks	Op	en	
Conveyance (Check one of		Manhole	x Catch Ba	asin	Outlet	Concrete Channel		Natural	Creek Ea	rthen Cha	nnel
ATMOSPI	HERIC CONDIT	IONS									
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overcasi x Incomin	-	Fog High	Outgoing		Tide Heig	ht: ft.		
Rainfall	x None	< 0.1"	> 0.1"								
RUNOFF	CHARACTERIS	TICS	•								
Odor	None	Musty	Rotten		Chem		Sew	•	x Othe	_=	eawate
Color	None	Yellow	Brown	ı ly Cloudy	White Opaqı		Gra	у	x Otho x Otho		<u>eawate</u> eawate
Clarity Floatables	Clear X None	Trash	-	es/Foam	Sheen		Feca	al Matter	Oth		cawaic
Deposits	None	X Sediment/Gravel		articulates	Stains			Deposits	Oth		
Vegetation	X None	Limited	Norma		Exces	sive			Oth	er	
Biology	X None	Insects	Algae		Snails	/Fish	Mus	ssels/Barnacl	es Oth	er	
Flow Obse	rved Yes	No Ponde	d X Tidal								
Does the st	orm drain flow r	each the Receiving V	Vater?		Yes	No	N/A				
Evidence o	of Overland Flow	? Yes ?	(No Ir	rigation Run	off C	Other:					
Dhoto Tak	on Y Ves	No. Photo#									
Photo Tak	en X Yes	No Photo #									
ield Screei	ning Samples Col	lected? Yes	K No		l NO2	N (ma/L)			Peart DOA (ισ/Ī \	
ield Screei Water Tem	ning Samples Col	lected? Yes >	(No -N (mg/L)			B-N (mg/L) ND (mS/cm)			React PO4 (m MBAS (mg/L)	ıg/L)	
ield Screer Water Tem pH (pH uni	ning Samples Col	lected? Yes > NH3	K No			S-N (mg/L) ND (mS/cm)			React PO4 (m MBAS (mg/L)	g/L)	
ield Screen Water Tem pH (pH uni FLOW ES	ning Samples Col p (°C) ts) TIMATION WO	lected? Yes > NH3 TUR	No -N (mg/L) B (NTU)	ng a Bottle or	CON	ND (mS/cm)			MBAS (mg/L)		
ield Screen Water Tem pH (pH uni FLOW ES	ning Samples Col	lected? Yes > NH3 TUR RKSHEETS Culvert ft Vo	(No -N (mg/L) B (NTU) Fillinolume	ng a Bottle or	CON	ND (mS/cm)		Diameter		pe ft	
ield Screet Water Tem pH (pH uni FLOW ES Flow Width	ning Samples Col p (°C) ts) TIMATION WO		(No -N (mg/L) B (NTU) Filli	ng a Bottle or	CON	ND (mS/cm)		Depth	MBAS (mg/L)	pe ft ft	
water Tem pH (pH uni FLOW ES Flow Width Depth	ning Samples Col p (°C) ts) TIMATION WO		(No -N (mg/L) B (NTU) Fillinolume	ng a Bottle or	CON	nD (mS/cm) ume mL		Depth Velocity	MBAS (mg/L)	pe ft	sec
ield Screen Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity	ning Samples Col p (°C) ts) TIMATION WO		K No -N (mg/L) B (NTU) Fillinolume me to Fill	ng a Bottle or	CON	ume mL sec		Depth	MBAS (mg/L)	pe ft ft	
ield Screen Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow	ning Samples Col p (°C) ts) TIMATION WO	NH3 NH3 TUR	Fillinolume me to Fill	ng a Bottle or	CON	ume mL sec		Depth Velocity	MBAS (mg/L)	pe ft ft ft/s	
FLOW ES Flow Width Depth Velocity Flow Analytical 1 O&G	ning Samples Col p (°C) ts) TIMATION WO	NH3 NH3 TUR	Fillinolume me to Fill		CON	ume mL sec gpm		Depth Velocity	MBAS (mg/L)	pe ft ft ft/s	
Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow Analytical 1	ning Samples Col p (°C) ts) TIMATION WO	RKSHEETS Culvert ft ft ft/sec gpm cles Collected? Entero.	Fillinolume me to Fill	K No Fecal Col.	CON	ume mL sec gpm	7.	Depth Velocity	MBAS (mg/L) Flowing Pi	pe ft ft ft/s	

		x Routine Invest	igation		IC/	ID Follow-U	p For			
ENERAL	SITE DESCRIPT	ION	(NAD 83 de	cimal degre	es to 5th place))			
ite ID	CB09-10		L	atitude	32.7299	3	Wa	Hydrologic Ur	nit	908
ocation	Inlet at T-2 West		L	ongitude	-117.197	748	Watershed	Hydrologic Ar	rea	908.2
Date	6/25/09			B Page	1299 FI		hed	Hydrologic Su (Optional)	barea	908.21
Гіте	0640		C	bserver	KG, Ah			harge Area tional)		
Land Use (P Check one o		Residential	Commerc	cial x	Industrial	Agricultura	1	Parks	Ope	en
Land Use (S Optional, gro	econdary) eater than 10%)	Residential	Commerc	cial x	Industrial	Agricultura	.1	Parks	Ope	en
Conveyance Check one of	nly)	Manhole	x Catch Ba	sin	Outlet	Concrete Channel		Natural Creek	Ear	then Channel
TMOSPI	IERIC CONDITION	ONS	· ·-							
Weather Fide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overcast x Incoming		og ligh	Outgoing		Tide Height:	ft.	
Rainfall	x None	< 0.1"	> 0.1"							
RUNOFF (CHARACTERIST	TICS								
Odor	None	Musty	Rotten	Eggs	Chen	nical	Sev	vage	x Other	r <u>Dry</u>
Color	None	Yellow	Brown		White		Gra	у	x Other	
Clarity	Clear			y Cloudy	Opaq	•	_		x Other	
loatables	X None	Trash		s/Foam	Shee			al Matter	Othe	
Deposits	None	Sediment/Gravel	x Fine Pa		Stain		Oil	y Deposits	Othe	
Vegetation Biology	X None X None	Limited Insects	Norma Algae	I		ssive s/Fish	Mu	ssels/Barnacles	Othe Othe	
Flow Obse		x No Ponde								
		each the Receiving			Yes	No	N/A			
		_						•		
Evidence o	of Overland Flow?	Yes	x No lrī	rigation Run	off (Other:				
Photo Tak	en X Yes	No Photo #	·							
ield Screei	ning Samples Colle	ected? Yes	X No							
Water Tem			3-N (mg/L)			3-N (mg/L)			ct PO4 (mg	g/L)
pH _(pH uni	ts)	TU	RB (NTU)] CO	ND (mS/cm)		MB	AS (mg/L)	
	TIMATION WOI		¥7•11•	D - 441	¥/ ¥/-1			«:	Flowing Pip	••
				ig a Bottle or	Known voi	mL	٦Г	Diameter	riowing Fit	ft
Flov	ving Creek or Box C		olume	1			7 [Depth		ft
Flow Width	ving Creek or Box C	ft	olume ime to Fill			sec	⊸ ⊢			
Flow Width Depth	ving Creek or Box C	ft V				gpm	1	Velocity		ft/sec
Flow Width Depth Velocity	ving Creek or Box C	ft V	ime to Fill			· 1		Velocity Flow		ft/sec gpm
Flow Width Depth Velocity Flow		ft V T ft/sec F gpm	ime to Fill low	(No		· 1				
Width Depth Velocity Flow	Laboratory Sampl	ft Tysec gpm es Collected?	ime to Fill low	Fecal Col.		gpm	y.		Pb (ug/L)	
Width Depth Velocity Flow		ft Tysec gpm F Collected?	ime to Fill low			Chlorp (ug/L)				
Width Depth Velocity Flow Analytical I		ft Tysec gpm es Collected?	ime to Fill low	Fecal Col.		gpm			Pb (ug/L) Zn (ug/L)	

SITE ID:	CB01-1	DATE:	6/25/2009	
LOCATION:	WEST OF LANDMARK	TIME:	0751	
OBSERVER:	KRIS GREEN/ANNIE HILL			
PREVIOUS TRA	ASH ASSESSMENT RATING:	ОРТІІ	MAL	
ESTIMATED AF	REA OF ASSESSMENT L X W (FT):	20x2	0	
		-		 _

	Amount and Extent of Trash
EVALUATION OF TR	ASH INCLUDES*: X MS4 RECEIVING WATER BOTH
x 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 Eval	uation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
□ PotentialThreat toAquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

SITE ID:	CB03-2	DATE:	6/25/2009
LOCATION:	EAST END OF RUNWAY	TIME:	0739
OBSERVER:	KRIS GREEN/ ANNIE HILL	=. = =	
PREVIOUS TRAS	PREVIOUS TRASH ASSESSMENT RATING:		
ESTIMATED AREA OF ASSESSMENT L x W (FT): 20x20)	
	Amount and Extent of Trash		
EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH			
x Optimal	On first glance, no trash visible. Lit area is closely examined for litter an	tle or no ti d debris.	rash (<10 pieces) evident when evaluated
☐ 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.		
□ Submargina	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)		

Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle □ Potential batteries, or fluorescent light bulbs. Alternatively high prevalence of any Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable. degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

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

SITE ID:	CB05-3	DATE:	6/25/2009	_
LOCATION:	RENTAL CAR PARKING LOT	Тіме:	0600	_
OBSERVER:	KRIS GREEN			_
PREVIOUS TRA	SH ASSESSMENT RATING:	OPTII	MAL	
ESTIMATED AREA OF ASSESSMENT L X W (FT):		20x2	0	

	Amount and Extent of Trash		
EVALUATION OF TR	EVALUATION OF TRASH INCLUDES X MS4 RECEIVING WATER BOTH		
x 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 Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as ■ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

SITE ID:	CB05-4	DATE:	6/25/2009
LOCATION:	BY RUNWAY LIGHT VAULT	TIME:	0730
OBSERVER:	KRIS GREEN, ANNIE HILL		
PREVIOUS TRAS	PREVIOUS TRASH ASSESSMENT RATING: OPTIMAL		
ESTIMATED AREA OF ASSESSMENT L x W (FT): 20x20			
	Amount and Extent of Trash		
EVALUATION OF	EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH		
X Optima	X Optimal On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluate area is closely examined for litter and debris.		trash (<10 pieces) evident when evaluated
☐ Suboptimal	Suboptimal On first glance, little or no trash visible. After close inspection small levels of trash (~10 50 pieces) evident in evaluated area.		close inspection small levels of trash (~10-

food wrappers, blankets, or clothing present.

bottles, food wrappers, blankets, or clothing present.

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,

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,

Site is significantly impacted by trash. Evidence of trash accumulation behind a constriction point or evidence of excessive dumping. Evaluated area contains substantial

Site Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
☐ Potential Threat to Aquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

□ Marginal

□ Poor

□ Submarginal

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 ID:	CB06-5	DATE:	6/25/2009	
LOCATION:	EAST OF CONTROL TOWER	TIME:	0823	ž.
OBSERVER:	KRIS GREEN/ ANNIE HILL			
PREVIOUS TRA	SH ASSESSMENT RATING:	ОРТІІ	MAL	
ESTIMATED AF	REA OF ASSESSMENT L X W (FT):	20x2	0	

	Amount and Extent of Trash		
EVALUATION OF TR	EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH		
x 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 Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light-bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

SITE ID:	CB07-6	DATE:	6/25/2009
LOCATION:	OWS AT AA MAINTENANCE YARD	TIME:	0658
OBSERVER:	KRIS GREEN/ANNIE HILL		
PREVIOUS TRAS	SH ASSESSMENT RATING:	OPTIN	/AL
ESTIMATED ARE	EA OF ASSESSMENT L X W (FT):	20x20	0

	Amount and Extent of Trash		
EVALUATION OF TR	EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH		
x 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 Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human-feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as ■ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

SITE ID:	CB07-7	DATE:	6/25/2009
LOCATION:	CB AT WEST WING PARKING	TIME:	0633
OBSERVER:	KRIS GREEN/ANNIE HILL		
PREVIOUS TRASH ASSESSMENT RATING:		Орти	MAL
ESTIMATED AREA OF ASSESSMENT L X W (FT):		50x5	0
		- 	
	Amount and Ex	tent of 1	Frash
EVALUATION OF	EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH		
x 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	1	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.		
☐ Submargina	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.		
	Site is significantly impacted by	trash F	vidence of trash accumulation behind a

levels of litter and debris (>400 pieces).

constriction point or evidence of excessive dumping. Evaluated area contains substantial

Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

□ Poor

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

SITE ID:	CB08-8	DATE:	6/25/2009		
LOCATION:	T1 GATE 9 SLIT TRENCH	TIME:	0854		
OBSERVER:	KRIS GREEN/ ANNIE HILL				
PREVIOUS TRA	ASH ASSESSMENT RATING:	SUBC	PTIMAL		
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	20x2	0	74	

	Amount and Extent of Trash	
EVALUATION OF TR	ASH INCLUDES*: X 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.	
X 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 Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light-bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to from landscape maintenance such as yard waste or dumped leaf litter (not **Aquatic Health** naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

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	Amount and Extent of Trash										
EVALUATION OF TR	ASH INCLUDES*: X MS4 RECEIVING WATER BOTH										
X 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 Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

SITE ID:	CB09-10	DATE:	6/25/2009	
LOCATION:	TERMINAL 1 PARKING LOT	Тіме:	0640	,
OBSERVER:	KRIS GREEN. ANNIE HILL			
PREVIOUS TRA	ASH ASSESSMENT RATING:	Орти	MAL	
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	20x2	0	

12 =	Amount and Extent of Trash										
EVALUATION OF TR	ASH INCLUDES*: X MS4 RECEIVING WATER BOTH										
X Optimal On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluate 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 are contains litter and debris. Evidence of site being used by people: scattered cans, bottle 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 Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as □ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.



02 July 2009

Amanda Archenhold MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego, CA 92123

RE:San Diego Airport

Work Order No.: 0906513

Attached are the results of the analyses for samples received by the laboratory on 06/25/09 13:30.

The samples were received by Sierra Analytical Labs, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analyses were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report. If you require any additional retaining time, please advise us.

Sincerely,

Kuhard K. Forsyth

Laboratory Director

Sierra Analytical Labs, Inc. is certified by the California Department of Health Services (DOHS), Environmental Laboratory Accredidation Program (ELAP) No. 2320.



Project: San Diego Airport

Project Number: [none]

Project Manager: Amanda Archenhold

Reported: 07/02/09 11:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CB08-8-6-25-09	0906513-01	Liquid	06/25/09 08:54	06/25/09 13:30
CB01-1-6-25-09	0906513-02	Liquid	06/25/09 07:51	06/25/09 13:30

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 otherwises noted in the report with data qualifiers. All quality objective criteria were met, except as noted in the report with data qualifiers.



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 07/02/09 11:43

Microbiological Parameters by APHA Standard Methods Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limi	_	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8-6-25-09 (0906513-01) Liquid	Sampled: 06/25/09	08:54	Received: 06	/25/09 13	3:30				
Enterococcus Fecal Coliforms Total Coliforms	600 110 17000	20 20 200	MPN/100 mL	10 " 100	B9F2523	06/25/09	06/25/09 15:45	SM 9230B SM 9221E SM 9221B	H-01
CB01-1-6-25-09 (0906513-02) Liquid	Sampled: 06/25/09	07:51	Received: 06	/25/09 13	3:30				
Enterococcus Fecal Coliforms Total Coliforms	900 90 4000	20 20 200	MPN/100 mL	10 " 100	B9F2523	06/25/09	06/25/09 15:45	SM 9230B SM 9221E SM 9221B	H-01



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 07/02/09 11:43

Conventional Chemistry Parameters by APHA/EPA Methods Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8-6-25-09 (0906513-01) Liquid	Sampled: 06/25/09	9 08:54 R	eceived: (06/25/09 13	3:30				
Total Hardness Hexane Extractable Material (HEM)	540 12.4	0.400 2.00	mg/L	1	B9F2926	06/29/09	06/29/09 09:31	SM 2340 C EPA 1664	
CB01-1-6-25-09 (0906513-02) Liquid			deceived: (06/25/09 13	3:30			LI A 1004	
Total Hardness Hexane Extractable Material (HEM)	228 2.30	0.400 2.00	mg/L	1	B9F2926	06/29/09	06/29/09 09:31	SM 2340 C EPA 1664	



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 07/02/09 11:43

Metals (Dissolved) by EPA 200 Series Methods Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8-6-25-09 (0906513-01) Liquid	Sampled: 06/25/09	08:54 R	eceived: (06/25/09 13	3:30				
Cadmium	8.8	4.0	μg/L	2	B9G0107	06/30/09	07/01/09 16:44	EPA 200.8	
Copper	190	2.0	"	"	"	"	"	"	
Lead	ND	4.0	"	"	"	"	"	"	
Zinc	2500	2.0	"	"	"	"	"	"	
CB01-1-6-25-09 (0906513-02) Liquid	Sampled: 06/25/09	07:51 R	eceived: (06/25/09 13	3:30				
Cadmium	ND	4.0	μg/L	2	B9G0107	06/30/09	07/01/09 16:48	EPA 200.8	
Copper	530	2.0	"	"	"	"	"	"	
Lead	ND	4.0	"	"	"	"	"	"	
Zinc	230	2.0	"	"	"	"	"	"	



Project: San Diego Airport

Spike

Source

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 07/02/09 11:43

RPD

%REC

Metals (Dissolved) by EPA 200 Series Methods - Quality Control Sierra Analytical Labs, Inc.

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B9G0107 - EPA 200 Series										
Blank (B9G0107-BLK1)				Prepared:	06/30/09	Analyzed	1: 07/01/09			
Cadmium	ND	4.0	μg/L							
Copper	ND	2.0	"							
Lead	ND	4.0	"							
Zinc	ND	2.0	"							
LCS (B9G0107-BS1)				Prepared:	06/30/09	Analyzed	1: 07/01/09			
Cadmium	89.3	4.0	μg/L	100		89.3	85-115			
Copper	91.4	2.0	"	100		91.4	85-115			
Lead	92.2	4.0	"	100		92.2	85-115			
Zinc	96.5	2.0	"	100		96.5	85-115			
Matrix Spike (B9G0107-MS1)	Sou	rce: 090651	3-02	Prepared:	06/30/09	Analyzed				
Cadmium	96.9	4.0	μg/L	100	2.4	94.5	70-130			
Copper	591	2.0	"	100	530	61.0	70-130			QM-07
Lead	95.8	4.0	"	100	0.56	95.2	70-130			
Zinc	313	2.0	"	100	230	83.0	70-130			
Matrix Spike Dup (B9G0107-MSD1)	Sou	Prepared:	06/30/09	Analyzed						
Cadmium	99.1	4.0	μg/L	100	2.4	96.7	70-130	2.24	20	
Copper	610	2.0	"	100	530	80.0	70-130	3.16	20	
Lead	97.3	4.0	"	100	0.56	96.7	70-130	1.55	20	
Zinc	322	2.0	"	100	230	92.0	70-130	2.83	20	



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 07/02/09 11:43

Notes and Definitions

H-01 Sample received without sufficient time to complete analysis within recommended holding time.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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: Friday, July 17, 2009 Received Date: Friday, June 26, 2009

Received Time: 11:24 am Turnaround Time: Normal

Client: Sierra Analytical

26052 Merit Circle, Suite 105 Laguna Hills, CA 92653

Attn: Nick Forsyth Project: 0906513

Phones: (949) 348-9389 **Fax:** (949) 348-9115

P.O. #:

 Lab Sample ID:
 9F26019-01
 Sample ID:
 CB08-8-6-25-09 (0906513-01)
 Matrix:
 Water

ampled by: Client Sampled: 06/25/09 08:54

Sampled by: Client	Sampled: 06/	25/09 08	3:54							
Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Azinphos methyl (Guthion)	ND.	0.12	0.15	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Bolstar		0.088	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Chlorpyrifos		0.041	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Coumaphos	ND	0.068	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Demeton-o	ND	0.049	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Demeton-s	ND	0.063	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Diazinon	ND	0.058	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Dichlorvos	ND	0.11	0.15	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Disulfoton	ND	0.064	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Ethoprop	ND	0.11	0.15	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Fensulfothion	ND	0.090	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Fenthion	ND	0.027	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Merphos	ND	0.062	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Methyl parathion	ND	0.057	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Mevinphos	ND	0.089	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Naled	ND	0.060	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Phorate		0.054	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Ronnel		0.037	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Stirophos		0.050	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
	ND	0.063	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Trichloronate	ND	0.031	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Surrogate: Triphenyl phosphate	496 %		6-173							S-03

Lab Sample ID: 9F26019-02 Sample ID: CB01-1-6-25-09 (0906513-02) Matrix: Water

Sampled by: Client Sampled: 06/25/09 07:51

Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Azinphos methyl (Guthion)	ND	0.12	0.15	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Bolstar	ND	0.088	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Chlorpyrifos	ND	0.041	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Coumaphos	ND	0.068	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Demeton-o	ND	0.049	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	

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 Lab Sample ID:
 9F26019-02
 Sample ID:
 CB01-1-6-25-09 (0906513-02)
 Matrix:
 Water

Sampled by: Client Sampled: 06/25/09 07:51

Campied by. Chefit	Gampiea. Go	20/00 0/	.51							
Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Demeton-s	ND	0.063	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Diazinon	ND	0.058	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Dichlorvos	ND	0.11	0.15	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Disulfoton	ND	0.064	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Ethoprop	ND	0.11	0.15	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Fensulfothion	ND	0.090	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Fenthion	ND	0.027	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Merphos	ND	0.062	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Methyl parathion	ND	0.057	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Mevinphos	ND	0.089	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Naled	ND	0.060	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Phorate	ND	0.054	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Ronnel	ND	0.037	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Stirophos	ND	0.050	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
	ND		0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Trichloronate			0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Surrogate: Triphenyl phosphate	61 %		6-173							



Quality Control Section

Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Batch W9F1084 - EPA 8141A

Blank (W9F1084-BLK1)					Prepared: 06	/30/09	Analyzed: 07/06	/09 16:11	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Triphenyl phosphate		0.657		ug/l	1.00	66	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					
CS (W9F1084-BS1)					Prepared: 06	/30/09	Analyzed: 07/06	/09 16:11	

LCS (W9F1084-BS1)

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Triphenyl phosphate		1.08		ug/l	1.00	108	6-173		
Azinphos methyl (Guthion)		1.06		ug/l	1.00	106	18-159		
Bolstar		0.972		ug/l	1.00	97	49-148		
Chlorpyrifos		0.915		ug/l	1.00	92	49-143		
Coumaphos		1.06		ug/l	1.00	106	42-161		
Demeton-o		0.904		ug/l	1.00	90	47-132		
Demeton-s		0.924		ug/l	1.00	92	45-147		
Diazinon		0.959		ug/l	1.00	96	46-136		
Dichlorvos		0.843		ug/l	1.00	84	29-164		
Disulfoton		0.932		ug/l	1.00	93	46-155		
Ethoprop		0.986		ug/l	1.00	99	54-141		
Fensulfothion		1.27		ug/l	1.00	127	54-167		
Fenthion		0.951		ug/l	1.00	95	50-143		
Merphos		1.46		ug/l	1.00	146	40-185		
Methyl parathion		0.996		ug/l	1.00	100	47-142		

9F26019 Page 3 of 5



Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Batch W9F1084 - EPA 8141A

LCS (W9F1084-BS1)					Prepared: 06/	/30/09	Analyzed: 07/06	/09 16:11	
Analyta	ample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Mevinphos		0.993		ug/l	1.00	99	43-145		
Naled		0.968		ug/l	1.00	97	16-177		
Phorate		0.975		ug/l	1.00	97	56-134		
Ronnel		0.959		ug/l	1.00	96	49-140		
Stirophos		1.04		ug/l	1.00	104	46-146		
Tokuthion (Prothiofos)		0.942		ug/l	1.00	94	52-139		
Trichloronate		0.903		ug/l	1.00	90	52-136		
LCS Dup (W9F1084-BSD1)					Prepared: 06/	30/09	Analyzed: 07/06	/09 16:11	
A I A	ample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Triphenyl phosphate		0.839		ug/l	1.00	84	6-173		
Azinphos methyl (Guthion)		0.873		ug/l	1.00	87	18-159	19	25
Bolstar		0.786		ug/l	1.00	79	49-148	21	25
Chlorpyrifos		0.800		ug/l	1.00	80	49-143	13	25
Coumaphos		0.867		ug/l	1.00	87	42-161	20	25
Demeton-o		0.876		ug/l	1.00	88	47-132	3	25
Demeton-s		0.804		ug/l	1.00	80	45-147	14	25
Diazinon		0.853		ug/l	1.00	85	46-136	12	25
Dichlorvos		0.707		ug/l	1.00	71	29-164	18	25
Disulfoton		0.777		ug/l	1.00	78	46-155	18	25
Ethoprop		0.912		ug/l	1.00	91	54-141	8	25
Fensulfothion		1.01		ug/l	1.00	101	54-167	23	25
Fenthion		0.834		ug/l	1.00	83	50-143	13	25
Merphos		1.26		ug/l	1.00	126	40-185	15	25
Methyl parathion		0.889		ug/l	1.00	89	47-142	11	25
Mevinphos		0.751	Q-12	ug/l	1.00	75	43-145	28	25
Naled		0.910		ug/l	1.00	91	16-177	6	25
Phorate		0.904		ug/l	1.00	90	56-134	7	25
Ronnel		0.853		ug/l	1.00	85	49-140	12	25
Stirophos		0.941		ug/l	1.00	94	46-146	10	25
Tokuthion (Prothiofos)		0.789		ug/l	1.00	79	52-139	18	25
Trichloronate		0.788		ug/l	1.00	79	52-136	14	25

9F26019 Page 4 of 5



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.

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





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.

Flags for Data Qualifiers:

S-03

ND

Q-12	The RPD result exceeded the QC control limits possibly due to a possible matrix effect; however, both percent recoveries	ŝ

were acceptable. Sample results for the QC batch were accepted based on the percent recoveries and/or other acceptable QC data.

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.

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

DL Method Detection Limit
RL Method Reporting Limit
MDA Minimum Detectable Activity

9F26019 Page 5 of 5

CHAIN OF CUSTODY RECORD

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

Date: 6 25 09 Page 1 of

Lab Project No.: 0906513

	Geotracker EDD Info:	Client LOGCODE		1100	Site Global ID	Field Point Names/ Comments								Sample Disposal:	Return to Client	☐ Lab Disposal*	Archive mos.		Ottlet	ms:			क्रात्वक-मार्घस	
Analysis Requested	9J(12)	NJ6	770C	3) 00	24	179 134	XXXX	XXXXX						Total Number of Containers Submitted to	Laboratory	The delivery of sumples 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	mple Receipt Conditio	Chilled - Temp. (*C)	Is Preservatives - Verified By_	le Container Storage Location	
		ſ	$\mathcal{N}_{\mathcal{U}}$	Ŋ!	107/ 124	10	× ×	ス 入	•					(\$\)	The delivery of sampl authorization to perfo	Conditions, unless oth * - Samples determine		b	FOR LABORA	Intract		A rroperty Labelled	F -7 1
		Immediate 24 Hour]	4 Day	Normal Mobile	Container No. of Type Containers	3	VARIOUS S								10.25.09	13 30 Time:	6-25-0¢ Date:	CSD True:	Date:	Time:			- INDIALIALATION
Client Project ID:		Turn Around	ا 🗖 ا ق		<u> </u>	Matrix Preservative	ww Tes	ww Tee				,		Shipped Via:	(Carrier/Wavbill No.)	Beceived By.	58	Received By:	Company:	Received By:	Сотрапу:			
	Park Ot		2007		PRCHENITOLD	ra Date Time	6-26 0854	1250010						Shir		-			1560 Тіте: Сол		Тіте: Соп			
Client: アイングC	Addre		812 828 No. 858 738		Client Proj. Mgr.: A MAN JA PR	Client Sample ID. Sierra No.	1808-8-6-26-09 01	_	•		-		•	Sampler Signature:	Printed Name: Color	2 Selinonished By:	Company: Press (Company)	Selinquished By: S Math	SA	4 Relinquished By:	Company:	Special Instructions:		

		x Routine Inves	tigation				/ID Follow	w-Up I	For					
GENERAL	SITE DESCRIE	PTION		(NAD 83	deci	mal degi	rees to 5th pl	lace)						
Site ID	CB01-1			Latitude		32.732	57	1 2	Wa	Hydrolo	gic Uni	t 9	08	
Location	Catch basin nea	r DHL area		Longitud	le	-117.17	7969	16131	Watershed	Hydrolo	gic Are	a 9	08.2	
Date	7/23/2009			TB Page		1288 H	1	6	М	Hydrolo (Optiona	_	oarea 9	08.21	
Time	1020			Observer	•	KG				harge Are				
									Ори	Oliai)				
Land Use (Proceed) (Check one or	• /	☐ Residential	□ Comr	nercial	x In	dustrial	☐ Agricu	ıltural		□ Parks		□ Open		
Land Use (Se (Optional, gre	econdary) eater than 10%)	☐ Residential	□ Comr	nercial	x In	dustrial	□ Agricu	ıltural		□ Parks		□ Open		
Conveyance (Check one or	nly)	☐ Manhole	x Catch	Basin	□ O	utlet	☐ Concre Channel	ete		□ Natural	Creek	☐ Earthe	n Chan	nel
ATMOSPH	IERIC CONDIT	IONS												
Weather	□ Sunny	☐ Partly Cloudy	x Overc	ast	□ Fog	3								
Tide	□ N/A	□ Low	x Incom	ning	□ Hig	gh	☐ Outgoin	g		Tide Heig	ht:	ft.		
Last Rain Rainfall	X > 72 hours X None	\square < 72 hours \square < 0.1"	□ > 0.1'	,										
	CHARACTERIS		□ > 0.1											
Odor	x None		□ D ott	on Eggs		□ Cheı	mical		Sewa	100		☐ Other		
Color	□ None	□ Musty x Yellow	□ Rou	en Eggs vn		□ Whi			Sewa Gray	U		☐ Other		
Clarity	x Clear			htly Cloudy					oruj			☐ Other		
Floatables	x None	\square Trash	□ Bub	bles/Foam		☐ Shee	-	\Box F	Feca	Matter		☐ Other		
Deposits	□ None	☐ Sediment/Gravel		Particulates		☐ Stair			Oily	Deposits		Other		
Vegetation Biology	x None x None	☐ Limited☐ Insects	□ Nor □ Alga			□ Exce □ Snai	ssive ls/Fish	□ N	Muss	sels/Barnacl	es	☐ Other ☐ Other		
Flow Obser		x No x Ponde												
		each the Receiving V		u1		Yes	□ No	x N	/Δ					
	f Overland Flow	_		Imigation D										
Evidence of	Overland Flow		X NO	Irrigation R	Culion	I ⊔	Other:							
Photo Take	n x Yes	□ No Photo #		_										
	ing Samples Coll		No	T										
Water Temp pH (pH units			B (MTU)	.44			3-N (mg/L) ND (mS/cm)	<.2 1.5				PO4 (mg/L) (mg/L))	.6 1.5
	CIMATION WO		B (NTO)	.44		100	(IIIS/CIII)	1.0	,		NIDAS	(mg/L)	[1.5
	ng Creek or Box C		Fil	ling a Bottle	or K	nown Vol	ume				Flo	wing Pipe		
Width	ing Creek of Box C		olume	ing a bottle	01 K	HOWH VO	mL		D	iameter	<u> </u>	wing ripe	Ft	
Depth		Ft Ti	me to Fill				sec		D	epth			Ft	
Velocity		ft/sec Fl	ow				gpm		-	elocity			ft/sec	:
Flow		gpm							F	low			gpm	
Analytical La	aboratory Sampl	les Collected?	x Yes	□ No										
O&G (mg/L)	,	Entero. (MPN/100mL)		Fecal Col (MPN/mL)			Chle (ug/l	orpy.			P	Pb (ug/L)		
Hardness		Total Col.		Diazanon				(ug/L)			7	Zn (ug/L)		
(mg/L)		(MPN/100mL)		(ug/L)										

COMMENTS: samples taken. No obvious source for water.

CENEDAT	CITE NECONDO	x Routine Investi	igation	(NIAD OO		ID Follow-U	•	•			
GENEKAL Site ID	CB03-2	ION		(NAD 83 d	32.7286	es to 5th place)		Hydrolog	ic Unit	908	
Location		vay near blast fence			-117.178		Watershed			 	
		ay ilear brast refice		Longitude		943	shed	Hydrolog	ic Area ic Subarea	908.2	
Date	7/23/2009			TB Page	1288 J1			(Optional))	908.21	
Time	1000			Observer	KG			harge Area ional)			
Land Use (Page (Check one o		Residential	Comn	nercial	x Industrial	Agricultura	1	Parks	Oį	pen	
Land Use (Se	econdary) eater than 10%)	Residential	Comn	nercial	x Industrial	Agricultura	1	Parks	Oı	pen	
Conveyance (Check one o		Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural C	•	arthen Cha	nnel
ATMOSPI	HERIC CONDITI	ONS			*						*
Weather Tide Last Rain	x Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overc x Incom		Fog High	Outgoing		Tide Heigh	it: ft.		
Rainfall	x None	< 0.1"	> 0.1"	•							
	CHARACTERIST										
Odor Color	None None	Musty Yellow	Rotte Brov	en Eggs vn	Chem White		Sew Grav	•	x Oth x Oth	_=	awate
Clarity	x Clear			ntly Cloudy	Opaqı		O.u.	,	Oth	_	awate
Floatables	x None	Trash		bles/Foam	Sheer			al Matter	Oth		
Deposits Vegetation	x None x None	Sediment/Gravel Limited	Fine Norr	Particulates	Stains Exces		Oily	Deposits	Oth Oth		
Biology	x None	Insects	Alga		Snails		Mus	sels/Barnacle			
Flow Obser	rved Yes	No Ponded	x Tida	ıl							
Does the st	orm drain flow re	ach the Receiving W	ater?		Yes	No x	N/A				
Evidence o	of Overland Flow?	Yes x	No	Irrigation Ru	noff C	Other:					
	en x Yes	No Photo#		•		•					
Photo Take	ch x i cs	110 1 11010 77		_							
Photo Tak											
ield Screen	ning Samples Colle	ected? Yes x	No No	1	NO	DT (/T)			T (TO ()		1
Water Temp	p (°C)	ected? Yes x	No N (mg/L) B (NTU)			-N (mg/L) ID (mS/cm)			React PO4 (m	ıg/L)	
Field Screen Water Temp pH (pH unit	p (°C) ts)	ected? Yes x NH3-	N (mg/L)			-N (mg/L) ID (mS/cm)			React PO4 (m MBAS (mg/L)	ıg/L)	
Field Screen Water Temp pH (pH unit	p (°C) ts) TIMATION WOR	ected? Yes x NH3- TURI	N (mg/L) B (NTU)	P. W.	CON	ID (mS/cm)			MBAS (mg/L)		
Tield Screen Water Temp pH (pH unit FLOW EST	p (°C) ts)	ected? Yes x NH3- TURI RKSHEETS	N (mg/L) B (NTU)	ling a Bottle o	CON	VD (mS/cm)	1 [1			pe	
Tield Screen Water Temp pH (pH unit FLOW EST Flow Width	p (°C) ts) TIMATION WOR	ected? Yes x NH3- TURI RKSHEETS ulvert ft Vo	N (mg/L) B (NTU) Fil	ling a Bottle o	CON	ID (mS/cm)			MBAS (mg/L)		
FLOW EST Flow Width Depth Velocity	p (°C) ts) TIMATION WOR	ected? Yes x NH3- TURI RKSHEETS ulvert ft Vo	N (mg/L) B (NTU) Fill lume ne to Fill	ling a Bottle o	CON	IME mL		Diameter	MBAS (mg/L)	pe ft	ec
FLOW EST Flow Width Depth Velocity	p (°C) ts) TIMATION WOR	ected? Yes x NH3- TURI RKSHEETS ulvert ft Vo Tin	N (mg/L) B (NTU) Fill lume ne to Fill	ling a Bottle o	CON	IME mL sec		Diameter Depth	MBAS (mg/L)	pe ft ft	
FLOW EST Flow Width Depth Velocity Flow Analytical I	p (°C) ts) TIMATION WOR	RKSHEETS ulvert ft ft/sec gpm es Collected?	N (mg/L) B (NTU) Fill lume ne to Fill	No	CON	IME mL sec gpm	l I	Diameter Depth Velocity	MBAS (mg/L) Flowing Pi	pe ft ft ft/so gpn	
Field Screen Water Temp PH (pH unit FLOW ES' Flow Width Depth Velocity Flow	p (°C) ts) TIMATION WOR	RKSHEETS ulvert ft ft ft/sec gpm	N (mg/L) B (NTU) Fil lume ne to Fill w		CON	IME mL sec	l I	Diameter Depth Velocity	MBAS (mg/L)	pe ft ft ft/so gpn	
Field Screen Water Temp PH (pH unit FLOW ES' Flow Width Depth Velocity Flow Analytical L O&G	p (°C) ts) TIMATION WOR	RKSHEETS ulvert ft ft/sec gpm es Collected? Entero.	N (mg/L) B (NTU) Fil lume ne to Fill w	No Fecal Col.	CON	Ime mL sec gpm		Diameter Depth Velocity	MBAS (mg/L) Flowing Pi	pe ft ft ft/sc gpn	

		x Routine Inve	stigation		IC	/ID Follow-U	J p Fo i			
GENERAL	SITE DESCRIP	TION		(NAD 83		ees to 5th place	•		6	
Site ID	CB05-3			Latitude	32.7378			Hydrolog	gic Unit	908
Location	Rental car parki	ng area		Longitude	-117.18	311	Watershed	Hydrolog	gic Area	908.2
Date	7/23/2009			TB Page	1268 H	7	Ted		gic Subarea	908.21
Time	0515			Observer	KG			harge Areational)		-1
Land Use (Proceed) (Check one of	•	Residential	Comm	mercial	x Industrial	Agricultur	al	Parks	Op	pen
Land Use (Se	econdary) eater than 10%)	Residential	Comm	nercial	x Industrial	Agricultur	al	Parks	Or	pen
Conveyance (Check one or		Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural (Creek Ea	arthen Channel
ATMOSPH	IERIC CONDIT	IONS			- T					 -
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	y x Overc X Incom		Fog High	Outgoing		Tide Heig	ht: ft.	
Rainfall	x None	< 0.1"	> 0.1'	,						
	CHARACTERIS'		_	_						
Odor Color	x None None	Musty x Yellow	Rott Brov	en Eggs wn	Chen Whit		Sew Gray	•	Oth Oth	
Clarity	x Clear	8		htly Cloudy	Opac		٥.٠.	'	Oth	
Floatables	x None None	Trash x Sediment/Gravel		bles/Foam Particulates	Shee			l Matter	Oth	
Danacite										
Deposits Vegetation	None	x Limited	Non		Stain Exce		Oily	Deposits	Oth	
Vegetation				mal	Exce	ssive ss/Fish		Deposits sels/Barnacle	Oth	er
Vegetation Biology	None None	x Limited	Non Alga	mal ne	Exce	ssive			Oth	er
Vegetation Biology Flow Obser	None None rved Yes	x Limited x Insects	Non Alga	mal ne	Exce	ssive			Oth	er
Vegetation Biology Flow Obser Does the sto	None None rved Yes	x Limited x Insects x No Pond each the Receiving	Non Alga ed Tid Water?	mal ae al	Exce Snail Yes	ssive ls/Fish x No	Mus N/A	sels/Barnacle	Othes Othe	er
Vegetation Biology Flow Obser Does the sto	None None rved Yes orm drain flow ref	x Limited x Insects x No Pond each the Receiving x Yes	Non Alga ed Tid Water?	mal ne	Exce Snail Yes	ssive ls/Fish	Mus N/A	sels/Barnacle	Othes Othe	er
Vegetation Biology Flow Obser Does the sto	None None rved Yes orm drain flow ref	x Limited x Insects x No Pond each the Receiving	Non Alga ed Tid Water?	mal ae al	Exce Snail Yes	ssive ls/Fish x No	Mus N/A	sels/Barnacle	Othes Othe	er
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take	None None Yes orm drain flow ref f Overland Flow? on x Yes ing Samples Coll	x Limited x Insects x No Pond each the Receiving x Yes No Photo a	Non- Alga ed Tid. Water? No No	mal ae al Irrigation Ru	Exce Snail Yes unoff x (ssive ls/Fish x No Other: Parking	Mus N/A lot uses	sels/Barnacle	Othes Others	er
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Field Screen Water Temp	None None rved Yes orm drain flow ref Overland Flow? en x Yes ing Samples Coll 0 (°C) 23.3	x Limited x Insects x No Pond each the Receiving x Yes No Photo a ected? x Yes	Non-Alga ed Tid. Water? No No No No 3-N (mg/L)	mal ae al Irrigation Ru	Exce Snail Yes unoff x (ssive s/Fish x No Other: Parking 3-N (mg/L)	N/A lot uses	sels/Barnacle	Othes Others Others	g/L) .1
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Field Screen Water Temp pH (pH units	None None None rved Yes orm drain flow ref Overland Flow? en x Yes ing Samples Coll 0 (°C) 23.3 s) 6.89	x Limited x Insects x No Pond each the Receiving x Yes No Photo a ected? x Yes NH TU	Non- Alga ed Tid. Water? No No	mal ae al Irrigation Ru	Exce Snail Yes unoff x (ssive ls/Fish x No Other: Parking	Mus N/A lot uses	sels/Barnacle	Othes Others	er er
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Field Screen Water Temp pH (pH units)	None None	x Limited x Insects x No Pond each the Receiving x Yes No Photo a ected? x Yes NH TU	Non-Alga ed Tid. Water? No No No S-N (mg/L) RB (NTU)	mal ae al Irrigation Ru .6	Yes unoff x (x No Other: Parking 3-N (mg/L) ND (mS/cm)	N/A lot uses	sels/Barnacle	Othes Others Others	g/L) .1
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Field Screen Water Temp PH (pH units) FLOW EST	None None None rved Yes orm drain flow ref Overland Flow? en x Yes ing Samples Coll 0 (°C) 23.3 s) 6.89	x Limited x Insects x No Pond each the Receiving x Yes No Photo a ected? x Yes NH TU	Non-Alga ed Tid. Water? No No 3-N (mg/L) RB (NTU)	mal ae al Irrigation Ru .6	Exce Snail Yes unoff x (ssive s/Fish x No Other: Parking 3-N (mg/L) ND (mS/cm)	Mus N/A lot uses	sels/Barnack	Othes Others Others	g/L) .1 8
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Field Screen Water Temp PH (pH units) FLOW EST Flow Width	None None	x Limited x Insects x No Pond each the Receiving x Yes No Photo a ected? x Yes NH TU RKSHEETS Culvert ft	Non-Alga ed Tid. Water? No No No 3-N (mg/L) RB (NTU) Fil.	mal ae al Irrigation Ru .6	Yes unoff x (x No Other: Parking 3-N (mg/L) ND (mS/cm) ume mL	Mus N/A lot uses	sels/Barnack	Othes Others	g/L) .1 specific series
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Cield Screen Water Temp PH (pH units) FLOW EST	None None	x Limited x Insects x No Pond each the Receiving x Yes No Photo a ected? x Yes NH TU	Non-Alga ed Tid. Water? No No 3-N (mg/L) RB (NTU)	mal ae al Irrigation Ru .6	Yes unoff x (x No Other: Parking 3-N (mg/L) ND (mS/cm) ume mL sec	N/A lot uses	sels/Barnack s water for c	Othes Others	g/L) .1 .8 pe Ft Ft
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Cield Screen Water Temp pH (pH units FLOW EST Flow Width Depth Velocity	None None	x Limited x Insects x No Pond each the Receiving x Yes No Photo a ected? x Yes NH TU	Norm Algated Tide Water? No No No No No No No No No No No No No	mal ae al Irrigation Ru .6	Yes unoff x (x No Other: Parking 3-N (mg/L) ND (mS/cm) ume mL	N/A lot uses	sels/Barnack	Othes Others	g/L) .1 specific series
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Field Screen Water Temp pH (pH units) FLOW EST Flow Width Depth Velocity Flow	None None None rved Yes orm drain flow ref f Overland Flow? en x Yes ing Samples Coll (°C) 23.3 (s) 6.89 FIMATION WO	x Limited x Insects x No Pond each the Receiving x Yes No Photo a ected? x Yes NH TU	Non-Alga ed Tid. Water? No No 3-N (mg/L) RB (NTU) Fil /olume lime to Fill	mal ae al Irrigation Ru .6 11	Yes unoff x (x No Other: Parking 3-N (mg/L) ND (mS/cm) ume mL sec	N/A lot uses	S water for o	Othes Others	g/L) .1 .8 pe Ft Ft ft/sec
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Field Screen Water Temp pH (pH units) FLOW EST Flow Width Depth Velocity Flow Analytical L O&G	None None	x Limited x Insects x No Pond each the Receiving x Yes No Photo a ected? x Yes NH TU RKSHEETS Sulvert ft T ft/sec gpm es Collected? Entero.	Norm Algated Tide Water? No No No No No No No No No No No No No	nal ne al Irrigation Ru .6 11 ling a Bottle o	Yes unoff x (x No Other: Parking 3-N (mg/L) ND (mS/cm) ume mL sec gpm Chlorp	N/A lot uses	S water for o	Othes Others	g/L) .1 .8 pe Ft Ft ft/sec
Flow Observation Biology Flow Observation B	None None None rved Yes orm drain flow ref f Overland Flow? en x Yes ing Samples Coll (°C) 23.3 (s) 6.89 FIMATION WO	x Limited x Insects x No Pond each the Receiving x Yes No Photo a ected? x Yes NH TU	Non-Alga ed Tid. Water? No No 3-N (mg/L) RB (NTU) Fil /olume lime to Fill	mal ae al Irrigation Ru .6 11 ling a Bottle o	Yes unoff x (x No Other: Parking 3-N (mg/L) ND (mS/cm) ume mL sec gpm	Mus N/A lot uses	S water for o	Others	g/L) .1 .8 pe Ft Ft ft/sec

		x Routine Inves	tigation		IC	/ID Follow-U	p Fo	r		
GENERAL	SITE DESCRIP	TION		(NAD 83 c	decimal degr	ees to 5th place)			
Site ID	CB05-4			Latitude	32.7306	53	Wa	Hydrologi	e Unit	908
Location	By runway light	vaults		Longitude	-117.18	301	Watershed	Hydrologi	ic Area	908.2
Date	7/23/2009			TB Page	1288 G	ı	<u>e</u>	Hydrologi (Optional)		908.21
Time	0945			Observer	KG			charge Area		•
Land Use (Page Check one of	•	Residential	Comr	nercial	x Industrial	Agricultura		Parks	Oį	pen
Land Use (So		Residential	Comr	nercial	x Industrial	Agricultura	al	Parks	Oi	pen
(Optional, gre Conveyance (Check one o		Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural C		arthen Channel
ATMOSPI	HERIC CONDIT	IONS							.27	<u> </u>
Weather Tide Last Rain	x Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	y Overc x Incom		Fog High	Outgoing		Tide Heigh	t: ft.	
Rainfall	x None	< 0.1"	> 0.1	,						
	CHARACTERIS'	TICS								
Odor Color	x None x None	Musty Yellow	Rott Bro	ten Eggs	Cher Whit	nical	Sev Gra	vage	x Oth x Oth	
Clarity	Clear	renow		htly Cloudy	Opa		Gia	ıy	Oth	
Floatables	x None	Trash	_	bles/Foam	Shee	•	Fec	al Matter	Oth	
Deposits	x None	Sediment/Gravel		Particulates	Stair		Oil	y Deposits	Oth	
Vegetation Biology	x None None	Limited x Insects	Nor Alg			ssive ls/Fish	Mu	ssels/Barnacle	Oth s Oth	
Flow Obse					Onta	IVI ESII	iviu	sseis/ Darnacie	3 Ou	
Does the st	orm drain flow r	each the Receiving	Water?		Yes	No	x N/A			
	orm drain flow r	_		Irrigation Ru		No Other:	x N/A			
	of Overland Flow	? Yes		_			x N/A			
Evidence o Photo Take	of Overland Flow en x Yes ning Samples Coll	? Yes No Photo:	x No #x x No	_			x N/A			
Evidence o Photo Take Field Screen Water Tem	of Overland Flow en x Yes ning Samples Coll p (°C)	? Yes No Photo: lected? Yes NH	x No #x x No 3-N (mg/L)	_	unoff NO	Other:	x N/A		React PO4 (m	
Evidence o Photo Take	of Overland Flow en x Yes ning Samples Coll p (°C)	? Yes No Photo: lected? Yes NH	x No #x x No	_	unoff NO	Other:	x N/A		React PO4 (m MBAS (mg/L)	
Evidence of Photo Take Field Screen Water Temp pH (pH unit	of Overland Flow en x Yes ning Samples Coll p (°C)	? Yes No Photo: lected? Yes NH -TU	x No #x x No 3-N (mg/L)	_	unoff NO	Other:	x N/A			
Evidence of Photo Take Field Screen Water Tempor (pH unit FLOW ES	en x Yes ning Samples Coll p (°C) ts)	? Yes No Photo : lected? Yes NH TU	x No x No x No 3-N (mg/L) RB (NTU)	_	NO CO	Other:	x N/A			
Evidence of Photo Take Yield Screen Water Temp PH (pH unit) FLOW ES' Flow Width	of Overland Flow en x Yes ning Samples Coll p (°C) ts) TIMATION WO	? Yes No Photo: lected? Yes NH TU PRKSHEETS Culvert ft	x No x No 3-N (mg/L) RB (NTU) Fi		NO CO	Other:		Diameter	MBAS (mg/L)	ipe ft
Evidence o Photo Take ield Screen Water Tem pH (pH unit FLOW ES' Flow Width Depth	of Overland Flow en x Yes ning Samples Coll p (°C) ts) TIMATION WO	No Photo : lected? Yes NH TU PRKSHEETS Culvert ft T	x No x No 3-N (mg/L) RB (NTU) Fi /olume Cime to Fill		NO CO	3-N (mg/L) ND (mS/cm) lume mL sec		Diameter Depth	MBAS (mg/L)	ipe ft ft
Evidence of Photo Take ield Screen Water Temph (pH unit FLOW ES' Flow Width Depth Velocity	of Overland Flow en x Yes ning Samples Coll p (°C) ts) TIMATION WO	? Yes No Photo: lected? Yes NH TU PRKSHEETS Culvert ft ft ft/sec F	x No x No 3-N (mg/L) RB (NTU) Fi		NO CO	Other:		Diameter Depth Velocity	MBAS (mg/L)	ipe ft ft ft/sec
Evidence of Photo Take Sield Screen Water TempH (pH unit) FLOW ES' Flow Width Depth Velocity Flow	en x Yes ning Samples Coll p (°C) ts) TIMATION WO	Photo: No Photo: lected? Yes NH TU PRKSHEETS Culvert ft ft ft ft/sec gpm	x No x No 3-N (mg/L) RB (NTU) Fi /olume Cime to Fill	lling a Bottle o	NO CO	3-N (mg/L) ND (mS/cm) lume mL sec		Diameter Depth	MBAS (mg/L)	ipe ft ft
Photo Take Field Screen Water Temp PH (pH unit) FLOW ES' Flow Width Depth Velocity Flow Analytical I	of Overland Flow en x Yes ning Samples Coll p (°C) ts) TIMATION WO	? Yes No Photo: lected? Yes NH TU ORKSHEETS Culvert ft ft ft/sec gpm oles Collected?	x No x No 3-N (mg/L) RB (NTU) Fi /olume Cime to Fill	lling a Bottle o	NO CO	3-N (mg/L) ND (mS/cm) lume mL sec gpm		Diameter Depth Velocity	MBAS (mg/L) Flowing Pi	ipe ft ft ft/sec gpm
Photo Take Field Screen Water Tem pH (pH unit FLOW ES' Flow Width Depth Velocity Flow Analytical I O&G	en x Yes ning Samples Coll p (°C) ts) TIMATION WO	Photo: No Photo: lected? Yes NH TU PRKSHEETS Culvert ft ft ft ft/sec gpm	x No x No 3-N (mg/L) RB (NTU) Fi /olume Cime to Fill	lling a Bottle o	NO CO	3-N (mg/L) ND (mS/cm) ume mL sec gpm		Diameter Depth Velocity	MBAS (mg/L)	ipe ft ft ft/sec gpm
Photo Take Photo Take Field Screen Water Temp pH (pH unit FLOW ES' Flow Width Depth Velocity Flow Analytical I	en x Yes ning Samples Coll p (°C) ts) TIMATION WO	? Yes No Photo: lected? Yes NH TU PRKSHEETS Culvert ft ft ft ft/sec gpm les Collected? Entero.	x No x No 3-N (mg/L) RB (NTU) Fi /olume Cime to Fill	Iling a Bottle o	NO CO	3-N (mg/L) ND (mS/cm) lume mL sec gpm	y.	Diameter Depth Velocity	MBAS (mg/L) Flowing Pi	ipe ft ft ft/sec gpm

n · 1=////

		x Routine Inves	tigation		IC	/ID Follow-U	p Fo	r		
GENERAL	SITE DESCRIP	TION		(NAD 83	decimal degr	ees to 5th place)			
Site ID	CB06-5			Latitude	32.7358	34	Wa	Hydrologic Ur	nit	908
Location	East of control to	ower		Longitude	-117.18	637	Watershed	Hydrologic Ar	rea	908.2
Date	7/23/09			TB Page	1268 G	7	ed	Hydrologic Su (Optional)	barea	908.21
Time	0731			Observer	KG			charge Area tional)		-
Land Use (Pr (Check one or	•	Residential	Comn	nercial	x Industrial	Agricultura	ıl	Parks	Oį	pen
Land Use (Se	econdary) eater than 10%)	Residential	Comn	nercial	x Industrial	Agricultura	ıl	Parks	Oi	oen
Conveyance (Check one or	•	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	Ea	urthen Channel
ATMOSPH	IERIC CONDIT	IONS		-	•	***				
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overc x Incom		Fog High	Outgoing		Tide Height:	ft.	
Rainfall	x None	< 0.1"	> 0.1"	•						
	CHARACTERIS	TICS								
Odor Color	x None x None	Musty		en Eggs	Chen			/age	Otl	
Color	x None x Clear	Yellow	Brov Sligt	wn htly Cloudy	Whit Opac		Gra	у	Oth Oth	
Floatables	x None	Trash	_	bles/Foam	Shee		Fec	al Matter	Oth	
	None	x Sediment/Gravel								
			Fine	Particulates	Stain	ıs	Oily	/ Deposits	Oth	er
Vegetation	x None	Limited	Norr	nal	Exce	ssive	-		Oth	er
Vegetation Biology	x None None	Limited x Insects	Norr Alga	nal ne	Exce		-	y Deposits ssels/Bamacles		er
Vegetation Biology Flow Obser Does the sto	x None None rved Yes	Limited x Insects No x Ponde each the Receiving V	Norr Alga d x Tida Vater?	nal ne	Exce Snail Yes	ssive ls/Fish	Mus	ssels/Bamacles	Oth	er
Vegetation Biology Flow Obser Does the ste Evidence of Photo Take	x None None Yes orm drain flow ref f Overland Flow?	Limited x Insects No x Ponde each the Receiving Ves No Photo #	Norr Alga d x Tida Vater? x No	mal ne al	Exce Snail Yes	ssive ls/Fish No	Mus	ssels/Bamacles	Oth	er
Vegetation Biology Flow Obser Does the ste Evidence of Photo Take Field Screen Water Temp	x None None rved Yes orm drain flow ref f Overland Flow? en x Yes ing Samples Coll	Limited x Insects No x Ponde each the Receiving Ves No Photo # ected? Yes > NH3	Norr Alga d x Tida Vater? x No s No -N (mg/L)	mal ne al	Yes unoff NO	ssive ls/Fish No Other: 3-N (mg/L)	Mus	ssels/Bamacles	Oth Oth	er er
Biology Flow Obser Does the sto Evidence of Photo Take Field Screen Water Temp	x None None rved Yes orm drain flow ref f Overland Flow? en x Yes ing Samples Coll	Limited x Insects No x Ponde each the Receiving Ves No Photo # ected? Yes > NH3	Norr Alga d x Tida Vater? x No	mal ne al	Yes unoff NO	ssive ls/Fish No >	Mus	ssels/Bamacles	Oth Oth	er er
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Gield Screen Water Tempt pH (pH units)	x None None rved Yes orm drain flow ref f Overland Flow; en x Yes ing Samples Coll o (°C) s)	Limited x Insects No x Ponde each the Receiving Ves No Photo # ected? Yes x NH3 -TUR	Norr Alga d x Tida Vater? x No -No -N (mg/L)	nal le lrrigation Ru	Yes unoff NO CO	ssive ss/Fish No Other: 3-N (mg/L) ND (mS/cm)	Mus	Reac MBA	Oth Oth t PO4 (m	er er g/L)
Vegetation Biology Flow Obser Does the sto Evidence of Photo Take Field Screen Water Temp pH (pH units	x None None rved Yes orm drain flow ref f Overland Flow en x Yes ing Samples Coll o (°C) s)	Limited x Insects No x Ponde each the Receiving V ? Yes No Photo # ected? Yes NH3 -TUR RKSHEETS Culvert	Norr Alga d x Tida Vater? x No -No -N (mg/L)	nal le lrrigation Ru	Yes unoff NO	ssive ss/Fish No Other: 3-N (mg/L) ND (mS/cm)	Mus	Reac MBA	Oth Oth	er er g/L)
Vegetation Biology Flow Obser Does the ste Evidence of Photo Take 'ield Screen Water Temp pH (pH units) FLOW EST Flowi Width Depth	x None None rved Yes orm drain flow ref f Overland Flow; en x Yes ing Samples Coll o (°C) s)	Limited x Insects No x Ponde each the Receiving V ? Yes No Photo # ected? Yes NH3 -TUR RKSHEETS Culvert ft Vo	Norn Alga d x Tida Vater? x No -N (mg/L) B (NTU)	nal le lrrigation Ru	Yes unoff NO CO	ssive ls/Fish No Other: 3-N (mg/L) ND (mS/cm)	Mus	Reac MBA	Oth Oth t PO4 (m	g/L)
Vegetation Biology Flow Obser Does the ste Evidence of Photo Take Sield Screen Water Temp PH (pH units FLOW EST Flow Width Depth Velocity	x None None rved Yes orm drain flow ref f Overland Flow; en x Yes ing Samples Coll o (°C) s)	Limited x Insects No x Ponde each the Receiving Ves No Photo # ected? Yes > NH3 TUR RKSHEETS Culvert ft Ven Ti	Norr Alga d x Tida Vater? x No N (mg/L) N (mg/L) B (NTU)	nal le lrrigation Ru	Yes unoff NO CO	ssive ls/Fish No Other: 3-N (mg/L) ND (mS/cm) ume mL	Mus	Reac MBA	Oth Oth t PO4 (m	g/L) pe ft
Vegetation Biology Flow Obser Does the ste Evidence of Photo Take Field Screen Water Temp PH (pH units FLOW EST Flow Width Depth Velocity	x None None rved Yes orm drain flow ref f Overland Flow; en x Yes ing Samples Coll o (°C) s)	Limited x Insects No x Ponde each the Receiving Ves No Photo # ected? Yes > NH3 TUR RKSHEETS Culvert ft Ven Ti	Norr Alga d x Tida Vater? c No -N (mg/L) B (NTU) Fil	nal le lrrigation Ru	Yes unoff NO CO	Ssive Is/Fish No Other: 3-N (mg/L) ND (mS/cm) ume mL sec	Mus	Reac MBA Diameter Depth	Oth Oth t PO4 (m	g/L) pe ft ft
Vegetation Biology Flow Obser Does the ste Evidence of Photo Take Pield Screen Water Temp pH (pH units FLOW EST Flow Width Depth Velocity Flow	x None None rved Yes orm drain flow ref f Overland Flow; en x Yes ing Samples Coll o (°C) s)	Limited x Insects No x Ponde each the Receiving Ves No Photo # ected? Yes > NH3 -TUR RKSHEETS Culvert ft Ti ft/sec gpm	Norr Alga d x Tida Vater? c No -N (mg/L) B (NTU) Fil	nal le lrrigation Ru	Yes unoff NO CO	Ssive Is/Fish No Other: 3-N (mg/L) ND (mS/cm) ume mL sec	Mus	Reac MBA F Diameter Depth Velocity	Oth Oth t PO4 (m	g/L) pe ft ft/sec
Vegetation Biology Flow Obser Does the ste Evidence of Photo Take Field Screen Water Temp pH (pH units) FLOW EST Flow Width Depth Velocity Flow Analytical L O&G	x None None rved Yes orm drain flow ref Overland Flow: en x Yes ing Samples Coll o (°C) s) FIMATION WO	Limited x Insects No x Ponde each the Receiving Ves No Photo # ected? Yes > NH3 TUR RKSHEETS Culvert ft Ti ft/sec gpm les Collected? Entero.	Norr Alga d x Tida Vater? x No -N (mg/L) -B (NTU) Fil	Irrigation Ruling a Bottle	Yes unoff NO CO	No > Other: S-N (mg/L) ND (mS/cm)	Mus	Reac MBA FDiameter Depth Velocity Flow	Oth Oth t PO4 (m	g/L) pe ft ft ft/sec gpm
Vegetation Biology Flow Obser Does the ste Evidence of Photo Take Field Screen Water Temp pH (pH units FLOW EST Flow Width Depth Velocity Flow Analytical L	x None None rved Yes orm drain flow ref Overland Flow: en x Yes ing Samples Coll o (°C) s) FIMATION WO	Limited x Insects No x Ponde each the Receiving Ves No Photo # ected? Yes x NH3 TUR RKSHEETS Culvert ft ft Ti ft/sec gpm les Collected?	Norr Alga d x Tida Vater? x No -N (mg/L) -B (NTU) Fil	nal ne al Irrigation Ru ling a Bottle	Yes unoff NO CO	No Other: J-N (mg/L) ND (mS/cm) ume mL sec gpm	Mus	Reac MBA FDiameter Depth Velocity Flow	t PO4 (m S mg/L)	g/L) pe ft ft ft/sec gpm

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		x Routine Inves	stigation			IC/	ID F	ollow-U	p For	·			
GENERAL	SITE DESCRIPT	TION		(NAD 83	decin	nal degre	es to £	(th place)				
Site ID	CB07-6			Latitude		32.7308	5		Wai	Hydrol	ogic Unit		908
Location	OWS @ AA Stag	ging area		Longitude	:	-117.193	323		Watershed	Hydrol	ogic Area	=	908.2
Date	7/23/2009			TB Page		1288 F1			ed	Hydrol (Option	ogic Suba	rea	908.21
Time	0708			Observer		KG, AH				charge Ar			
Land Use (Pr (Check one or		Residential	Comm	nercial	x Ind	ustrial	A	gricultura	l	Parks	e.	Oper	1
	condary) ater than 10%)	Residential	Comr	nercial	x Ind	ustrial	Α	gricultura	1	Parks		Oper	1
Conveyance (Check one or	nly)	x Manhole	Catch	Basin	Ou	tlet		oncrete innel		Natura	l Creek	Earth	nen Channel
ATMOSPH	ERIC CONDITI	ONS							,	(ii)			
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overc Incom		Fog High	ı	Ou	tgoing		Tide He	ight:	_ft.	
Rainfall	x None	< 0.1"	> 0.1'	,									
RUNOFF C	CHARACTERIST	rics											
Odor	None	Musty	Rott	en Eggs		Chem			Sew	age		x Other	<u>NA</u>
Color	None	Yellow	Brov			White			Gray	y		x Other	N/A
Clarity	Clear		_	htly Cloudy		Opaqı						X Other	<u>N/A</u>
Floatables Deposits	x None	Trash x Sediment/Gravel		bles/Foam		Sheen				al Matter		Other	
Vegetation	None x None	Limited	Non	Particulates		Stains			Oily	Deposits		Other	·
Biology	x None	Insects	Alga			Exces Snails			Mus	sels/Barna	cles	Other Other	
Flow Obser	ved Yes	x No Pond	ed Tid	al									
Does the sto	orm drain flow re	ach the Receiving	Water?			Yes	x]	No	N/A				
Evidence of	Overland Flow?	Yes	x No	Irrigation Ru	ınoff	C	ther:						
Photo Take	n x Yes	No Photo	#	_									
Field Screeni	ing Samples Colle	cted? Yes	x No	•									
Water Temp	(°C)	NH	3-N (mg/L)			NO3	-N (mg	/L)			React PC	04 (mg/I	_)
pH (pH units)		RB (NTU)				D (mS				MBAS (1	ng/L)	
FLOW EST	IMATION WOR	KSHEETS											
Flowi Width	ng Creek or Box Cu		Fil olume	ling a Bottle	or Kn	own Volu) [-): -	Flow	ing Pipe	
Depth			ime to Fill				mL sec		. —	Diameter Depth			ft ft
Velocity			low		•		gpr		1 —	Velocity			ft/sec
Flow		gpm			-				4 h-	Flow			gpm
	aboratory Sample	es Collected?	Yes	x No									
O&G (mg/L)		Entero. (MPN/100mL)		Fecal Col. (MPN/mL)				Chlorpy (ug/L)	•		Pb	(ug/L)	
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)				Cd (ug/L))		Zn	(ug/L)	
COMMENT	S: <u>Dry</u>	(MPN/IOUML)		(ugt)								-	

		x Routine Inv	vestigation		IC	TD Follow-U	n For		•	
GENERAL	SITE DESCRIP			(NAD 83 d		es to 5th place	-	74		
Site ID	Cb07-7			Latitude	32.7300			Hydrolog	gic Unit	908
Location	Inlet in West wir	ng parking lot	:	Longitude	-117.19	390	Watershed	Hydrolog	gic Area	908.2
Date	7/23/2009	ā		TB Page	1288 F1		E.	Hydrolog (Optional	gic Subarea)	908.21
Time	0610			Observer	KG			harge Area	a	
Land Use (Pr (Check one or		Residentia	l Comm	nercial	x Industrial	Agricultura	ıl	Parks	Oŗ	oen
Land Use (Se	econdary) eater than 10%)	Residentia	l Comr	nercial	x Industrial	Agricultura	ıl	Parks	Op	en
Conveyance (Check one or		Manhole	Catch	Basin	Outlet	x Concrete Channel		Natural (Creek Ea	rthen Channel
ATMOSPH	ERIC CONDIT	ONS		7-6-4-						
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clo x Low < 72 hours	Incon		Fog High	Outgoing		Tide Heig	ht: ft.	
Rainfall	x None	< 0.1"	> 0.1'	,						
	CHARACTERIS'									
Odor Color	None None	Musty Yellow	Rott Bro	en Eggs	Chen White		Sewa Gray	_	x Othe x Othe	
Clarity	Clear	Tellow		htly Cloudy	Opaq		Glay		x Oth	
Floatables	x None	Trash	Bub	bles/Foam	Sheer		Feca	l Matter	Oth	
Deposits	None	x Sediment/Grave		Particulates	Stain		Oily	Deposits	Oth	
Vegetation Biology	x None x None	Limited Insects	Nor Alga		Exces Snail	ssive s/Fish	Muss	sels/Barnacle	Oth es Oth	
Flow Obser	rved Yes	x No Po	nded Tid	al						
Does the sto	orm drain flow re	each the Receivii	ng Water?		Yes	No 2	N/A			
Evidence of	f Overland Flow?	? Yes	x No	Irrigation Ru	noff (Other:				
Dhata Tala	V			G						
Photo Take	en xYes	No Phot	to #		Ÿ					
ield Screen Water Temp	ing Samples Coll	ected? Yes	x No NH3-N (mg/L)	1	No	N. C. O.			D	- T
Water Lemr			TURB (NTU)			S-N (mg/L) ND (mS/cm)			React PO4 (m MBAS (mg/L)	g/L)
				·		(,			(g/	
pH (pH unit										
pH (pH units	ΓΙΜΑΤΙΟΝ WO		,							
pH (pH units FLOW EST		ulvert		lling a Bottle o	or Known Vol		٦ [-	liameter	Flowing Pi	t
pH (pH units FLOW EST Flow Width	ΓΙΜΑΤΙΟΝ WO		Fill Volume Time to Fill	lling a Bottle o	or Known Vol	mL sec		Diameter Depth	Flowing Pi	pe ft ft
pH (pH units FLOW EST Flow Width Depth	ΓΙΜΑΤΙΟΝ WO	Culvert ft	Volume	lling a Bottle o	or Known Vol	mL		Diameter Depth	Flowing Pi	ft
pH (pH units	ΓΙΜΑΤΙΟΝ WO	culvert ft ft	Volume Time to Fill	lling a Bottle o	or Known Vol	mL sec	V	Pepth	Flowing Pi	ft ft
FLOW EST Flow Width Depth Velocity Flow	ΓΙΜΑΤΙΟΝ WO	culvert ft ft ft/sec gpm	Volume Time to Fill	lling a Bottle o	or Known Vol	mL sec	V	Depth Pelocity	Flowing Pi	ft ft ft/sec
FLOW EST Flow Width Depth Velocity Flow Analytical L O&G	FIMATION WO	ft ft ft/sec gpm	Volume Time to Fill Flow	x No Fecal Col.	or Known Vol	mL sec gpm	V	Depth Pelocity	Flowing Pi	ft ft ft/sec gpm
FLOW EST Flow Width Depth Velocity Flow Analytical L	FIMATION WO	ft ft ft/sec gpm	Volume Time to Fill Flow	x No_	or Known Vol	mL sec gpm	[C V F	Depth Pelocity		ft ft ft ft/sec gpm

Commercial Com	Site ID CB08-8 Latitude 32.73368 Location Terminal 1 slit trench gate 9 Longitude -117.19673		logic Unit	T 008
Date Terminal Silit trench gate 9	Location Terminal 1 slit trench gate 9 Longitude -117.19673	Hydrol Hydrol	logic Unit	
The 1100		📗 🖺 Hydrol		
Time	Date 7/23/2009 TB Page 1288 F1	⊣ ≅ ├───		908.2
Land Use (Primary) Residential Commercial x Industrial Agricultural Parks Open				908.21
Check one only	Time 1100 Observer KG		rea	
Coptional, greater than 10% Nestocentral Commercial X. Bioustral Agricultural Parks Open		ral Parks	Op	en
ATMOSPHERIC CONDITIONS	(Optional, greater than 10%)	ral Parks	Op	en
Variety Vari	Manhole Y Latch Basin ()utlet	Natura	al Creek Ea	rthen Channel
Tide	ATMOSPHERIC CONDITIONS			
None	Tide N/A x Low x Incoming High Outgoing	Tide Hei	ight: ft.	
None	Rainfall x None < 0.1" > 0.1"			
Color	RUNOFF CHARACTERISTICS			
Clarty	20	•		
Floatables	· · · · · · · · · · · · · · · · · · ·	Gray		
Deposits	· · · · · · · · · · · · · · · · · · ·	Fecal Matter		
Biology x None Insects Algae Snails/Fish Mussels/Bamacles Other		Oily Deposits		
Flow Observed Yes x No Ponded Tidal	``	Mussels/Bamao		
Does the storm drain flow reach the Receiving Water? Yes No x N/A				
Photo Taken x Yes No Photo #	Does the storm drain flow reach the Receiving Water? Yes No	x N/A		
Samples Collected? x Yes No	Evidence of Overland Flow? x Yes No Irrigation Runoff Other:	·		
Water Temp (°C) 29.8 NH3-N (mg/L) 5 NO3-N (mg/L) ND React PO4 (mg/L) .4	Photo Taken x Yes No Photo #			
Water Temp (°C) 29.8 NH3-N (mg/L) 5 NO3-N (mg/L) ND React PO4 (mg/L) .4	ield Screening Samples Collected? x Yes No		<u></u>	
FLOW ESTIMATION WORKSHEETS Flowing Creek or Box Culvert Width ft Depth ft Volume mL Time to Fill sec Flow gpm The property of t/sec Flow gpm The property of the property	Water Temp (°C) 29.8 NH3-N (mg/L) 5 NO3-N (mg/L)	ND	React PO4 (mg	/L) .4
Flowing Creek or Box Culvert Width ft Depth ft Volume	pH (pH units) 7.54 TURB (NTU) 9.81 COND (mS/cm)	3.12	MBAS (mg/L)	>1
Width	FLOW ESTIMATION WORKSHEETS			
Width ft Volume mL Diameter Ft Depth ft Time to Fill sec Depth Ft Velocity ft/sec Flow gpm Velocity ft/sec Flow gpm Flow Gpm Analytical Laboratory Samples Collected? X Yes No O&G (mg/L) (mpN/100mL) Analytical Laboratory Samples Collected? X Yes No Chlorpy. (mpN/mL) (mpN/mL) (mpN/mL) (mpN/mL) (mpN/mL) Cd (mg/L) Zn (mg/L) Zn (mg/L) Total Col. Chlorpy. (mg/L) Cd (mg/L) Zn (mg/L) Chlory. (mg/L) Cd (mg/L) Chlory. (mg/L) Cd (mg/L) Chlory. (mg/L) Cd (mg/L) Chlory. (mg/L) Cd (mg/L) Chlory. (mg/L)	Flowing Creek or Box Culvert Filling a Bottle or Known Volume		Flowing Pin	e
Velocity ft/sec Flow gpm Velocity ft/sec Flow gpm Flow Gpm **Total Col.** Flow Gpm Gp				Ft
Flow gpm Flow Gpm Flow Gpm Flow Gpm				
nalytical Laboratory Samples Collected? x Yes No O&G (mg/L) Entero. (MPN/100mL) Fecal Col. (MPN/mL) Chlorpy. (ug/L) Pb (ug/L) Hardness Total Col. Diazanon Cd (ug/L) Zn (ug/L)	· · · · · · · · · · · · · · · · · · ·	→		
O&G (mg/L) Entero. (MPN/100mL) Fecal Col. (MPN/mL) Chlorpy. (ug/L) Pb (ug/L) Hardness Total Col. Diazanon Cd (ug/L) Zn (ug/L)		Flow		<u> </u>
(mg/L) (MPN/100mL) (MPN/mL) (ug/L) Hardness Total Col. Diazanon Cd (ug/L) Zn (ug/L)			DL / ~:	
		y.	PD (ug/L)	
		L)	Zn (ug/L)	

Secondary Check one only Check on	
Site D CB08-8	
Date	
Time 1145 Observer KG Discharge Area (Optional) 908.21 Time 1145 Observer KG Discharge Area (Optional) 908.21 Land Use (Primary) Residential Commercial x Industrial Agricultural Parks Open (Optional) Residential Commercial x Industrial Agricultural Parks Open (Ontervance Channel Natural Creek Earthen Channel Natural	
Time 1145 Observer KG Discharge Area (Optional) 908.21 Time 1145 Observer KG Discharge Area (Optional) 908.21 Land Use (Primarry) Residential Commercial x Industrial Agricultural Parks Open (Optional) Residential Commercial x Industrial Agricultural Parks Open (Optional, greater than 10%) Residential Commercial x Industrial Agricultural Parks Open (Optional, greater than 10%) Manhole x Catch Basin Outlet Concrete Channel Natural Creek Earthen Character Check one only) ATMOSPHERIC CONDITIONS Weather x Sunny Partly Cloudy Overcast Fog Tide x N/A Low x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours < 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours < 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x > 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x = 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x = 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x = 72 hours x Incoming High Outgoing Tide Height: ft. Last Rain x = 72 hours x = 72 hou	
Land Use (Primary) Chock one only) Residential Commercial x Industrial Agricultural Agricultural Agricultural Parks Open l	
Check one only Residential Commercial X Industrial Agricultural Parks Open	
Optional_greater than 10% Nest dentital Commercial X Industrial Agricultural Parks Open Concretance Check one only) Manhole x Catch Basin Outlet Channel Natural Creek Earthen Channel	
Manhole x Catch Basin Outlet Concrete Channel Natural Creek Earthen Channel	
	nnel
Tide	
RUNOFF CHARACTERISTICS Odor None x Musty Rotten Eggs Chemical Gray Other Color None x Yellow x Brown White Gray Other Clarity Clear x Slightly Cloudy Opaque Other Slotables None x Trash x Bubbles/Foam Sheen Fecal Matter Other Other Deposits None x Trash x Bubbles/Foam Sheen Fecal Matter Other Other Slotables None x Trash x Bubbles/Foam Sheen Fecal Matter Other Other Slotables None x Sediment/Gravel X Fine Particulates Stains Other Slotables None x Insects Algae Snails/Fish Mussels/Bamacles Other Slotables None x Insects Algae Snails/Fish Mussels/Bamacles Other Slotable Stains Other Other Slotable Stains Other Other Slotable Stains Other Slotable Stains Other Slotable Stains Other Slotable Stains Other Other Slotable Stains Other Slotable	
Odor	
Color None x Yellow x Brown White Gray Other Clarity Clear x Slightly Cloudy Opaque Other Clarity Clear x Slightly Cloudy Opaque Other Clarity Clear x Slightly Cloudy Opaque Other Cloudstables None x Trash x Bubbles/Foam Sheen Fecal Matter Other Other Stains Oily Deposits Other Other Opposits None x Sediment/Gravel X Fine Particulates Stains Oily Deposits Other Other Other Stone X None Limited Normal Excessive Other Stone X Insects Algae Snails/Fish Mussels/Barnacles Other Ot	
Clarity Clear x Trash x Slightly Cloudy Opaque Other Cloatables None x Trash x Bubbles/Foam Sheen Fecal Matter Other Obeposits None x Sediment/Gravel X Fine Particulates Stains Oily Deposits Other Stology None x Insects Algae Snails/Fish Mussels/Barnacles Other Stology None x Insects Algae Snails/Fish Mussels/Barnacles Other Other Stology None x Insects Algae Snails/Fish Mussels/Barnacles Other Other Stology None x Insects Algae Snails/Fish Mussels/Barnacles Other Other Stology None x Insects Algae Snails/Fish Mussels/Barnacles Other Other Stology None x Insects Algae Snails/Fish Mussels/Barnacles Other Other Stology None x Insects Algae Snails/Fish Mussels/Barnacles Other Other Stology None x No Ponded Tidal Does the storm drain flow reach the Receiving Water? Yes x No N/A Evidence of Overland Flow? Yes x No Irrigation Runoff Other: Stology None St	
Roatables	
Deposits None x Sediment/Gravel X Fine Particulates Stains Oily Deposits Other	
Vegetation	
Algae Snails/Fish Mussels/Bamacles Other	
Does the storm drain flow reach the Receiving Water?	
Photo Taken x Yes No Photo #	
Photo Taken x Yes No Photo # ield Screening Samples Collected? x Yes No Water Temp (°C)	
ield Screening Samples Collected? x Yes No Water Temp (°C)	
Water Temp (°C) NH3-N (mg/L) 4 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 Filling a Bottle or Known Volume Flowing Pipe Width ft Depth ft Time to Fill sec Depth Ft Velocity ft/sec Flow gpm Flow Gpm malytical Laboratory Samples Collected? x Yes No D&G Entero. Fecal Col. Chlorpy. Pb (ug/L) NO3-N (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) React PO4 (mg/L) Pb (ug/L) Possible Po	
FLOW ESTIMATION WORKSHEETS Flowing Creek or Box Culvert Width ft Depth ft Volume mL Time to Fill sec Flow gpm Flow gpm Flow gpm Flow Gpm Tallytical Laboratory Samples Collected? TURB (NTU) COND (mS/cm) MBAS (mg/L) MBAS (mg/L) Flowing Pipe Flowing Pipe Diameter Depth Ft Depth Ft Velocity Flow gpm Flow Gpm Tallytical Laboratory Samples Collected? X Yes No Chlorpy. Pb (ug/L)	
FLOW ESTIMATION WORKSHEETS Flowing Creek or Box Culvert Width ft Depth ft Velocity ft/sec Flow gpm Time to Fill	
Flowing Creek or Box Culvert Filling a Bottle or Known Volume Flowing Pipe Volume Time to Fill Flow Fl	>1
Width ft Volume mL Diameter Ft Time to Fill sec Depth Ft Flow gpm Flow Gpm Malytical Laboratory Samples Collected? x Yes No Sec Depth Ft Velocity ft/sec Flow Gpm Tawing Tipe Diameter Depth Ft Depth Ft Velocity ft/sec Flow Gpm Tawing Tipe Peth Sec Depth Ft Velocity ft/sec Flow Gpm The collected Ft Depth Ft Depth Ft Velocity ft/sec Flow Gpm The collected Ft Depth Ft Depth Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Depth Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Depth Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Depth Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Depth Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Depth Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Velocity Flow Gpm The collected Ft Depth Ft Velocity Flow Gpm The collected Ft The collec	
Depth ft Time to Fill sec Depth Ft Velocity ft/sec Flow gpm Flow Gpm Gpm	
Flow gpm Flow Gpm malytical Laboratory Samples Collected? x Yes No O&G Entero. Fecal Col. Chlorpy. Pb (ug/L)	
nalytical Laboratory Samples Collected? x Yes No D&G Entero. Fecal Col. Chlorpy. Pb (ug/L)	:c
D&G Entero. Fecal Col. Chlorpy. Pb (ug/L)	1
ro (ugl)	
-	
Hardness	

Dardand E1412000

		x Routine Invest	igation		IC/	ID Follow-U	p For	·		
GENERAL	SITE DESCRIP	ΓΙΟΝ		(NAD 83 d	ecimal degre	es to 5th place)			
Site ID	CB12-9			Latitude	32.7351	6	Wat	Hydrologi	c Unit	908
Location	Inlet at T-2 West			Longitude	-117.204	144	Watershed	Hydrologi	c Area	908.2
Date	7/23/09			TB Page	1268 E7	,	ed	Hydrologi (Optional)		908.21
Time	0700			Observer	KG			harge Area ional)		
Land Use (Pa (Check one of		Residential	Comr	nercial >	c Industrial	Agricultura		Parks	0	pen
Land Use (Se		Residential	Comr	nercial 2	k Industrial	Agricultura	1	Parks	o	pen
Conveyance Check one o	eater than 10%)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural C	reek E	arthen Channel
ATMOSPH	IERIC CONDITI	ONS	•					-		
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overo x Incom		Fog High	Outgoing		Tide Heigh	t: ft.	
Rainfall	x None	< 0.1"	> 0.1	,,						
RUNOFF (CHARACTERIST	rics								
Odor Color	None	Musty		ten Eggs	Chem		Sew	U	x Oth	
Clarity	None Clear	Yellow	Bro Slig	wn htly Cloudy	White Opaq		Gra	/	x Oth x Oth	
loatables	X None	Trash	_	bles/Foam	Sheer		Feca	ıl Matter	Otl	
Deposits	None	X Sediment/Gravel		Particulates	Stains		Oily	Deposits	Otl	ner
egetation	X None X None	Limited	Nor	mal	Exces	ssive			Otl	ner
Dialam.					C:1	. /E: .L	> 4	1-/D1-	. 0.1	L
-		Insects	Alg		Snails	s/Fish	Mus	sels/Barnacle	s Otl	her
Flow Obsertion of the Strain Evidence of the	rved Yes orm drain flow re f Overland Flow?	No Ponde each the Receiving V	d X Tic Vater?	dal Irrigation Ru	Yes	No Other:	Mus	sels/Barnacle	s Otl	her
Flow Observation of the St. Evidence of Photo Take	rved Yes orm drain flow re f Overland Flow? en X Yes	No Ponde each the Receiving V Yes X No Photo #	d X Tic	dal Irrigation Ru	Yes	No		sels/Barnacle		her
Flow Observation of the state o	orm drain flow ref f Overland Flow? en X Yes	No Ponde Yes 7 No Photo #	d X Tio Vater? < No	dal Irrigation Ru	Yes noff (No Other:				
Flow Observation of the state o	orm drain flow ref f Overland Flow? en X Yes uing Samples Colle	No Ponde Yes 7 No Photo #	d X Tic	dal Irrigation Ru	Yes noff (No			React PO4 (nMBAS (mg/L)	ng/L)
Flow Observation of the state o	orm drain flow ref Overland Flow? En X Yes ing Samples Collete (°C) s)	No Ponde each the Receiving V Yes No Photo # ected? Yes NH3 TUE	d X Tio	Irrigation Ru	Yes noff (No Other: 3-N (mg/L) ND (mS/cm)			React PO4 (n MBAS (mg/L)	ng/L)
Flow Observation of the state o	orm drain flow ref f Overland Flow? en X Yes ting Samples Collection	No Ponde each the Receiving V Yes No Photo # ected? Yes NH3 TUR RKSHEETS	d X Tio	dal Irrigation Ru	Yes noff (No Other: 3-N (mg/L) ND (mS/cm)	N/A		React PO4 (n	ng/L)
Flow Observation of the state o	orm drain flow ref Overland Flow? En X Yes ing Samples Collete (°C) s)	No Ponde each the Receiving V Yes No Photo # ected? Yes NH3 TUR RKSHEETS culvert If t	d X Tio Vater? (No (No -N (mg/L) B (NTU)	Irrigation Ru	Yes noff (No Other: 3-N (mg/L) ND (mS/cm)	N/A	Diameter Depth	React PO4 (n MBAS (mg/L)	ipe ft ft
Flow Observations of the state	orm drain flow ref Overland Flow? En X Yes ing Samples Collete (°C) s)	No Ponde each the Receiving V Yes No Photo # ected? Yes NH3 TUE RKSHEETS fulvert ft ft Ti	d X Tio Vater? (NoN (mg/L) B (NTU) Final Property of the content of the con	Irrigation Ru	Yes noff (No Other: S-N (mg/L) ND (mS/cm) ume mL	N/A	Diameter Depth Velocity	React PO4 (n MBAS (mg/L)	ng/L) ipe
Flow Observations of the state	orm drain flow ref Overland Flow? En X Yes ing Samples Collete (°C) s)	No Ponde each the Receiving V Yes No Photo # ected? Yes NH3 TUE RKSHEETS fulvert ft ft Ti	d X Tio Vater? (No -N (mg/L) B (NTU) Find the control of the	Irrigation Ru	Yes noff (No Other: B-N (mg/L) ND (mS/cm) ume mL sec	N/A	Diameter Depth	React PO4 (n MBAS (mg/L)	ipe ft ft
Flow Observations of the state	orm drain flow ref Overland Flow? En X Yes ing Samples Collete (°C) s)	No Ponde each the Receiving V Yes No Photo # ected? Yes NH3 TUE RKSHEETS fulvert ft ft ft/sec gpm	d X Tio Vater? (No -N (mg/L) B (NTU) Find the control of the	Irrigation Ru Illing a Bottle o	Yes noff (No Other: B-N (mg/L) ND (mS/cm) ume mL sec gpm	N/A	Diameter Depth Velocity	React PO4 (n MBAS (mg/L)	ipe ft ft ft/sec
Flow Observations of the state	orm drain flow ref Overland Flow? En X Yes Sing Samples Colled (°C) Sing Creek or Box Colled (°C)	No Ponde each the Receiving V Yes No Photo # ected? Yes NH3 TUR RKSHEETS fulvert ft ft ft/sec gpm les Collected? Entero.	d X Tio	lrrigation Ru lling a Bottle o X No Fecal Col.	Yes noff (No Other: B-N (mg/L) ND (mS/cm) ume mL sec gpm Chlorpy	N/A	Diameter Depth Velocity	React PO4 (n MBAS (mg/L)	ipe ft ft/sec gpm
Evidence o Photo Take Yield Screen Water Temp pH (pH unit) FLOW ES' Flow Width Depth Velocity Flow	orm drain flow ref Overland Flow? En X Yes Sing Samples Colled (°C) Sing Creek or Box Colled (°C)	No Ponde each the Receiving V Yes No Photo # ected? Yes NH3 TUE RKSHEETS fulvert ft ft ft/sec gpm les Collected?	d X Tio	Irrigation Ru Illing a Bottle o	Yes noff (No Other: B-N (mg/L) ND (mS/cm) ume mL sec gpm	N/A	Diameter Depth Velocity	React PO4 (n MBAS (mg/L)	ipe ft ft ft/sec gpm

GENERAL	SITE DESCRIP		nvestigation	(NAD 92		/ID Follow-U _i ees to 5th place)			
Site ID	CB09-10	1101		Latitude	32.7299			rologic Unit	908
Location	Inlet at T-2 West	<u> </u>		 			है		
Location		·		Longitude	-117.19	748	S. Hydi	ologic Area	908.2
Date	7/23/09			TB Page	1299 F		(Opti		908.21
Time	0630			Observer	KG		Discharge (Optional)	Area	
Land Use (Page 1) (Check one of	• /	Resident	ial Com	mercial	x Industrial	Agricultural	Parl	ks O	pen
Land Use (Se	econdary) eater than 10%)	Resident	ial Comr	nercial	x Industrial	Agricultural	Parl	ks O	pen
Conveyance (Check one or	,	Manhole	x Catch	Basin	Outlet	Concrete Channel		_	arthen Channel
ATMOSPH	ERIC CONDITION	ONS		-					
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clo x Low < 72 hour	x Incom		Fog High	Outgoing	Tide I	Height:ft.	
Rainfall	x None	< 0.1"	> 0.1°	,					
	CHARACTERIST	ICS							
Odor Color	None None	Musty Yellow		en Eggs	Chem		Sewage	x Oth	
Clarity	Clear	Tellow	Brov Sligt	vn ntly Cloudy	White Opaqi		Gray	x Oth x Oth	
Floatables	X None	Trash	-	oles/Foam	Sheen		Fecal Matter	Oth	
Deposits	None	Sediment/Grav		Particulates	Stains		Oily Deposit		
Vegetation Biology	X None X None	Limited Insects	Norr Alga		Exces Snails		Mussels/Barr	Oth nacles Oth	
			onded Tida				Wassels, Dari	iacies Otti	
Flow Obser	vea yes	X NO Po		**					
					Yes	No	N/A		
Does the sto	ved Yes orm drain flow rea Overland Flow?		ng Water?	Irrigation Rur	Yes		N/A		
Does the sto	rm drain flow rea	ch the Receivi	ng Water?	rrigation Rur		No other:	N/A		
Does the sto Evidence of Photo Take	orm drain flow rea Overland Flow? A Yes	Yes No Photo	x No	rrigation Rui			N/A		
Does the sto Evidence of Photo Take	orm drain flow rea Overland Flow? Mathematical X Yes Mathematical Samples Collections Output Description of the collection of the coll	Yes No Photested? Yes	x No 1 to # X No	rrigation Rui	noff O	ther:	N/A		- T
Does the sto Evidence of Photo Takes ield Screenis Water Temp	Overland Flow? A Yes R Samples Collect (°C)	Yes No Photested? Yes	x No	rrigation Rur	noff O	ther: N (mg/L)	N/A	React PO4 (mg/I)	g/L)
Does the sto Evidence of Photo Taker eld Screenin Water Temp OH (pH units)	Overland Flow? A Yes Samples Collect (°C)	Yes No Photested? Yes	x No to # X No NH3-N (mg/L)	rrigation Rur	noff O	ther:	N/A	React PO4 (mg/L)	g/L)
Does the sto Evidence of Photo Taker leld Screenin Water Temp DH (pH units)	Overland Flow? A Yes Samples Collect (°C)	Yes No Photested? Yes KSHEETS	x No to # X No NH3-N (mg/L) TURB (NTU)		NO3-CON	N (mg/L) D (mS/cm)	N/A	MBAS (mg/L)	
Does the sto Evidence of Photo Taker eld Screenin Water Temp oH (pH units) FLOW EST	Overland Flow? A Yes Samples Collect (°C)	Yes No Photeted? Yes KSHEETS	x No to # X No NH3-N (mg/L) FURB (NTU)		noff O	N (mg/L) D (mS/cm)			De .
Does the sto Evidence of Photo Taker eld Screenin Water Temp oH (pH units) FLOW EST Flowin	Overland Flow? A Yes Samples Collect (°C)	Yes No Photested? Yes KSHEETS	x No to # X No NH3-N (mg/L) TURB (NTU) Fill Volume		NO3-CON	N (mg/L) D (mS/cm) me mL	Diameter	MBAS (mg/L)	oe ft
Does the sto Evidence of Photo Taker eld Screenin Vater Temp H (pH units) LOW EST Flowin Vidth Depth	Overland Flow? A Yes Samples Collect (°C)	Yes No Photested? Yes KSHEETS vert	x No to # X No NH3-N (mg/L) FURB (NTU)		NO3-CON	N (mg/L) D (mS/cm) me mL sec	Diameter Depth	MBAS (mg/L)	De ft ft
Photo Taken Photo	Overland Flow? A Yes Samples Collect (°C)	No Photested? Yes KSHEETS vert ft ft	x No to # X No NH3-N (mg/L) TURB (NTU) Fill Volume Time to Fill		NO3-CON	N (mg/L) D (mS/cm) me mL	Diameter	MBAS (mg/L)	ft ft ft/sec
Does the sto Evidence of Photo Taker eld Screenin Water Temp oH (pH units) FLOW EST Flowin Vidth Depth Velocity	Overland Flow? A Yes Samples Collect CC) MATION WORL	No Photested? Yes KSHEETS vert ft ft ft/sec gpm	x No to # X No NH3-N (mg/L) FURB (NTU) Fill Volume Time to Fill Flow	ing a Bottle or	NO3-CON	N (mg/L) D (mS/cm) me mL sec	Diameter Depth Velocity	MBAS (mg/L)	De ft ft
Evidence of Photo Taker Photo Taker ield Screening Water Temp H (pH units) FLOW EST Flowing Width Depth Velocity Flow nalytical La O&G	Overland Flow? A Yes Samples Collect (°C)	No Photested? Yes KSHEETS vert ft ft/sec gpm Collected? Entero.	x No to # X No NH3-N (mg/L) FURB (NTU) Fill Volume Time to Fill Flow	ing a Bottle or	NO3-CON	N (mg/L) D (mS/cm) me mL sec gpm Chlorpy.	Diameter Depth Velocity	MBAS (mg/L)	ft ft ft/sec
Does the sto Evidence of Photo Taker ield Screenin Water Temp pH (pH units) FLOW EST Flowin Width Depth Velocity Flow nalytical La	Overland Flow? A Yes Samples Collect CC) MATION WORL	Yes No Photested? Yes KSHEETS vert ft ft ft/sec gpm Collected?	x No to # X No NH3-N (mg/L) FURB (NTU) Fill Volume Time to Fill Flow	ing a Bottle or	NO3-CON	N (mg/L) D (mS/cm) me mL sec gpm	Diameter Depth Velocity	MBAS (mg/L) Flowing Pip	ft ft ft/sec

SITE ID:	CB01-1	DATE:	7/23/2009	· · · · · · · · · · · · · · · · · · ·
LOCATION:	WEST OF LANDMARK	TIME:	1020	
OBSERVER:	KRIS GREEN			
PREVIOUS TRA	ASH ASSESSMENT RATING:	ОРТІІ	MAL	
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	50x5	0	

	Amount and Extent of Trash
EVALUATION OF TR	ASH INCLUDES*: X MS4 RECEIVING WATER BOTH
x 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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
□ PotentialThreat toAquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

	nt	POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТУРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Honsehold	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related					IJ							
Cigarette Butts	ű.											
Construction												
Fabric/Clothing					11							
Food Packaging												
Food Waste												
Household												
Shopping Carts												
Toxic												
Yard Waste												

* Only rank the types of trash PRESENT in evaluated area from 1 through 12 (1 is most prevalent – 12 is least prevalent). DO NOT rank types of trash that are not present in evaluated area.

10	7/				
	7072 19705				
701a 44 3080000	2		57 UI 3853 8	20 E 48 E 199 V 100 E 199	

7 .78 .30	2002-222	U.S. C.			£,
			Ta. 27 0.		

SITE ID:	CB03-2	DATE:	7/23/2009
LOCATION:	EAST END OF RUNWAY	TIME:	1000
OBSERVER:	KRIS GREEN		
PREVIOUS TRA	ASH ASSESSMENT RATING:	ОРТІ	MAL
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	50x5	0
	Amount and E	xtent of 1	[rash
EVALUATION O	F TRASH INCLUDES*: X MS4	RECEIVI	NG WATER DOTH

-	Amount and Extent of Trash					
EVALUATION OF TR	EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH					
x 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 Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or-fluorescent-light-bulbs. Alternatively high-prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics. balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

	ıt (TENTIA HECK				P		TIAL S	OURC TO 2)	Ē	
ТУРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												
Cigarette Butts												
Construction												
Fabric/Clothing							=					
Food Packaging												
Food Waste								4				
Household												
Shopping Carts												
Toxic												
Yard Waste							Đ,					

*Only rank the types of trash PRESENT in evaluated area from 1 through 12 (1 is most prevalent – 12 is least prevalent). DO NOT rank types of trash that are not present in evaluated area.

omments:						
					3.	
					¥:	
	(CA)	J-1827W1 326 830 3	3.00 30 4		550th=150	
				1.000		100 may 120 m
			X X			, W.
	AND CONTRACTOR					

SITE ID:	CB05-3	DATE:	7/23/2009	
LOCATION:	RENTAL CAR PARKING LOT	TIME:	0515	
OBSERVER:	KRIS GREEN			
PREVIOUS TRA	ASH ASSESSMENT RATING:	ОРТІІ	MAL	
ESTIMATED AREA OF ASSESSMENT L X W (FT):		100x	100	

	Amount and Extent of Trash					
EVALUATION OF TR	EVALUATION OF TRASH INCLUDES X 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.						
X 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 Evalua	ition for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent-light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
■ Potential Threat to Aquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

Ħ		POTENTIAL ROUTE (CHECK UP TO 2)			POTENTIAL SOURCE (CHECK UP TO 2)							
ТҮРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												
Cigarette Butts				- 11								
Construction												
Fabric/Clothing												
Food Packaging												
Food Waste												
Household				<u> </u>								
Shopping Carts										_		
Toxic												
Yard Waste												

Only rank the types of trash PRESENT in evaluated area from 1 through 12 (1 is most prevalent – 12 is least prevalent). DO NOT rank types of trash that are not present in evaluated area.

Comments:	<u> </u>	 		
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SITE ID:	CB05-4	DATE:	7/23/2009	
LOCATION:	BY RUNWAY LIGHT VAULT	TIME:	0945	
OBSERVER:	KRIS GREEN			
PREVIOUS TRA	ASH ASSESSMENT RATING:	ОРТІІ	MAL	
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	50x5	0	
	Amount and Ex	ktent of 1	Trash	

	Amount and Extent of Trash					
EVALUATION OF TR	ASH INCLUDES*: X MS4 RECEIVING WATER BOTH					
X 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 Evalua	ntion for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
□ Potential Threat to Aquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

ţ		POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТүрЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive							1					
Biohazard Waste												
Business Related												[
Cigarette Butts												
Construction												
Fabric/Clothing										<u> </u>		
Food Packaging						¥						
Food Waste												
Household	=											
Shopping Carts												
Toxic												
Yard Waste												

* Only rank the types of trash PRESENT in evaluated area from 1 through 12 (1 is most prevalent – 12 is least prevalent). DO NOT rank types of trash that are not present in evaluated area.

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SITE ID:	CB06-5	DATE:	7/23/2009	
LOCATION:	EAST OF CONTROL TOWER	TIME:	0731	
OBSERVER:	KRIS GREEN			
PREVIOUS TRA	ASH ASSESSMENT RATING:	ОРТІІ	MAL	
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	_100x	100	

	Amount and Extent of Trash								
EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH									
x 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	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								
□ 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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of anyone item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
□ Potential Threat to Aquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

nt		POTENTIAL ROUTE (CHECK UP TO 2)			POTENTIAL SOURCE (CHECK UP TO 2)							
ТУРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive	200											
Biohazard Waste												
Business Related												
Cigarette Butts												
Construction					l							
Fabric/Clothing												
Food Packaging												
Food Waste												
Household												
Shopping Carts			Ī									
Toxic												
Yard Waste												

* Only rank the types of trash PRESENT in evaluated area from 1 through 12 (1 is most prevalent – 12 is least prevalent). DO NOT rank types of trash that are not present in evaluated area.

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CB07-6	DATE:	7/23/2009	_
OWS AT AA MAINTENANCE YARD		0708	
KRIS GREEN			-
SH ASSESSMENT RATING:	OPTI	MAL	_
EA OF ASSESSMENT L X W (FT):	20x3	0	_
	OWS AT AA MAINTENANCE YARD KRIS GREEN SH ASSESSMENT RATING:	OWS AT AA MAINTENANCE TIME: YARD KRIS GREEN SH ASSESSMENT RATING: OPTII	OWS AT AA MAINTENANCE TIME: 0708 YARD KRIS GREEN SH ASSESSMENT RATING: OPTIMAL

Amount and Extent of Trash							
EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH							
x 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).						

Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment) Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any □ Potential Threat to one item (e.g. Greater than 50 items that present a puncture or laceration **Human Health** hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form. Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as ■ Potential vehicle batteries, or spray cans; any evidence large clumps of yard waste Threat to **Aquatic Health** from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

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

<u>a</u>		POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТУРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												
Cigarette Butts												
Construction												
Fabric/Clothing								п,				
Food Packaging	1											
Food Waste												
Household												
Shopping Carts												
Toxic												
Yard Waste												

*Only rank the types of trash PRESENT in evaluated area from 1 through 12 (1 is most prevalent – 12 is least prevalent). DO NOT rank types of trash that are not present in evaluated area.

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SITE ID:	CB07-7	DATE:	7/23/2009						
LOCATION:	CB AT WEST WING PARKING	TIME:	0610						
OBSERVER:	Kris Green								
PREVIOUS TRAS	H ASSESSMENT RATING:	ОРТІ	MAL						
ESTIMATED ARE	EA OF ASSESSMENT L X W (FT):	100x	100						
	Amount and Extent of Trash								
EVALUATION OF	TRASH INCLUDES*: X MS4	RECEIVI	NG WATER DOTH						
x Optimal	On first glance, no trash visible. Lit area is closely examined for litter an	ttle or no	trash (<10 pieces) evident when evaluated						
☐ Suboptimal	On first glance, little or no trash vis 50 pieces) evident in evaluated area	sible. After a.	close inspection small levels of trash (~10-						
□ Marginal	contains litter and debris. Evidence	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.							
□ Submargina	II and debris (>100- 400) . Evidence	Trash distracts the eye on first glance. Evaluated area contains substantial levels of litter							
□ Poor	Site is significantly impacted by	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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle-batteries, or fluorescent light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
■ Potential Threat to Aquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

g.	t t			POTENTIAL ROUTE (CHECK UP TO 2)			POTENTIAL SOURCE (CHECK UP TO 2)					
ТУРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												
Cigarette Butts												
Construction												
Fabric/Clothing												
Food Packaging												
Food Waste												
Household												
Shopping Carts												
Toxic							(#					
Yard Waste								<u> </u>				

* Only rank the types of trash PRESENT in evaluated area from 1 through 12 (1 is most prevalent – 12 is least prevalent). DO NOT rank types of trash that are not present in evaluated area.

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SITE ID:	CB08-8	DATE:	7/23/2009	
LOCATION:	T1 GATE 9 SLIT TRENCH	TIME:	1100	
OBSERVER:	KRIS GREEN			
PREVIOUS TRA	ASH ASSESSMENT RATING:	SUBO	PTIMAL	
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	100x	100	

	Amount and Extent of Trash									
EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH										
On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated area is closely examined for litter and debris.										
X 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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
□ Potential Threat to Aquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

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ТүрЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive		110										
Biohazard Waste											ļ	
Business Related									<u> </u>		ļ	
Cigarette Butts								<u> </u>	<u> </u>	<u> </u>	<u> </u>	
Construction					<u> </u>					<u> </u>	ļ	
Fabric/Clothing							<u> </u>				<u> </u>	
Food Packaging										<u> </u>	ļ	ļ
Food Waste		٠		<u> </u>				<u> </u>	ļ	ļ		
Household							<u> </u>	<u> </u>	<u> </u>	↓		
Shopping Carts								<u> </u>	<u> </u>	ـــــ	↓	
Toxic						ii-	<u> </u>		_		 	<u> </u>
Yard Waste	POTOTA	<u> </u>				<u> </u>	<u> </u>	<u> </u>	يبل			

* Only rank the types of trash PRESENT in evaluated area from 1 through 12 (1 is most prevalent – 12 is least prevalent). DO NOT rank types of trash that are not present in evaluated area.

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ESTIMATED ARE	EA OF ASSESSMENT L X W (FT):	40x4	0
PREVIOUS TRAS	H ASSESSMENT RATING:	ОРТІ	MAL
OBSERVER:	KRIS GREEN		
LOCATION:	INLET W END OF T2	TIME:	0700
SITE ID:	CB12-9	DATE:	7/23/2009

	Amount and Extent of Trash									
EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH										
X 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 Evalu	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluorescent light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
☐ Potential Threat to Aquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

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ТУРЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												
Cigarette Butts		7										
Construction							Ĺ					
Fabric/Clothing												
Food Packaging												
Food Waste												
Household												
Shopping Carts									-			
Toxic												
Yard Waste												

* Only rank the types of trash PRESENT in evaluated area from 1 through 12 (1 is most prevalent – 12 is least prevalent). DO NOT rank types of trash that are not present in evaluated area.

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SITE ID:	CB09-10	DATE: 7/23/2009	
LOCATION:	TERMINAL 1 PARKING LOT	Тіме: 0630	
OBSERVER:	KRIS GREEN		
PREVIOUS TRA	ASH ASSESSMENT RATING:	OPTIMAL	
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	40x40	

	Amount and Extent of Trash										
EVALUATION OF TR	EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH										
X 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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
□ Potential Threat to Human Health	Presence of more than one of, or a combination of the following items: hypodermic needles or other medical waste; used diapers, animal waste, or human feces; any toxic substance such as chemical containers, vehicle batteries, or fluoreseent light bulbs. Alternatively high prevalence of any one item (e.g. Greater than 50 items that present a puncture or laceration hazard); or observations of mosquito larvae directly observed in water ponded due to trash. All subject to best professional judgment. Describe potential threat on back of form.
□ Potential Threat to Aquatic Health	Large amount* of persistent, buoyant litter such as: hard or soft plastics, balloons, Styrofoam (equivalent to a cup), or large amount of settleable, degradable and nontoxic debris; cigarette butts. Presence of more than one of, or a combination of the following items: toxic items such as vehicle batteries, or spray cans; any evidence large clumps of yard waste from landscape maintenance such as yard waste or dumped leaf litter (not naturally occurring). All subject to best professional judgment. Describe potential threat on back of form. *Large amount is defined as 50 pieces or more.

	ĮĘ		TENTIA HECK			POTENTIAL SOURCE (CHECK UP TO 2)						
ТүрЕ	Ranking or Count by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive						.5						
Biohazard Waste					Ì		<u> </u>	=				
Business Related							<u> </u>					
Cigarette Butts							<u> </u>					
Construction												
Fabric/Clothing							-				<u> </u>	
Food Packaging											<u> </u>	
Food Waste												
Household									<u> </u>		<u> </u>	
Shopping Carts										ļ		<u> </u>
Toxic								<u> </u>		1	<u> </u>	
Yard Waste					<u></u>							<u> </u>

* Only rank the types of trash PRESENT in evaluated area from 1 through 12 (1 is most prevalent – 12 is least prevalent). DO NOT rank types of trash that are not present in evaluated area.

Comments:			 		 	
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29 July 2009

Amanda Archenhold MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego, CA 92123

RE:San Diego Airport

Work Order No.: 0907380

Attached are the results of the analyses for samples received by the laboratory on 07/23/09 13:06.

The samples were received by Sierra Analytical Labs, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analyses were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report. If you require any additional retaining time, please advise us.

Sincerely,

Kuhard K. Forsyth

Laboratory Director

Sierra Analytical Labs, Inc. is certified by the California Department of Health Services (DOHS), Environmental Laboratory Accredidation Program (ELAP) No. 2320.



Project: San Diego Airport

Project Number: [none]

Project Manager: Amanda Archenhold

Reported: 07/29/09 15:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CB08-8-7-23-09	0907380-01	Liquid	07/23/09 11:00	07/23/09 13:06
CB01-1-7-23-09	0907380-02	Liquid	07/23/09 10:20	07/23/09 13:06

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 otherwises noted in the report with data qualifiers. All quality objective criteria were met, except as noted in the report with data qualifiers.



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 07/29/09 15:09

Microbiological Parameters by APHA Standard Methods Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limi	-	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8-7-23-09 (0907380-01) Liquid	Sampled: 07/23/09	11:00	Received: 07	/23/09 1	3:06				
Enterococcus Fecal Coliforms Total Coliforms CB01-1-7-23-09 (0907380-02) Liquid	1100 900 500 Sampled: 07/23/09	20 20	MPN/100 mL " " Received: 07	10 " " /23/09 1	B9G2409 " " 3:06	07/23/09	07/23/09 16:30	SM 9230B SM 9221E SM 9221B	
Enterococcus Fecal Coliforms Total Coliforms	1300 40 24000	20 20 200	MPN/100 mL	10 " 100	B9G2409	07/23/09	07/23/09 16:30	SM 9230B SM 9221E SM 9221B	H-01



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 07/29/09 15:09

Conventional Chemistry Parameters by APHA/EPA Methods Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8-7-23-09 (0907380-01) Liquid	Sampled: 07/23/09	11:00 R	eceived:	07/23/09 13	3:06				
Total Hardness Hexane Extractable Material (HEM)	1010 4.30	0.400 2.00	mg/L	1	B9G2813	07/23/09	07/28/09 11:33	SM 2340 C EPA 1664	
CB01-1-7-23-09 (0907380-02) Liquid	Sampled: 07/23/09	0 10:20 R	eceived:	07/23/09 13	3:06				
Total Hardness Hexane Extractable Material (HEM)	298 3.50	0.400 2.00	mg/L	1	B9G2813	07/23/09	07/28/09 11:33	SM 2340 C EPA 1664	



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 07/29/09 15:09

Metals (Dissolved) by EPA 200 Series Methods Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8-7-23-09 (0907380-01) Liquid	Sampled: 07/23/09	11:00 R	eceived:	07/23/09 13	3:06				
Cadmium	8.2	4.0	μg/L	2	B9G2405	07/24/09	07/24/09 16:23	EPA 200.8	
Copper	740	2.0	"	"	"	"	"	"	
Lead	4.5	4.0	"	"	"	"	"	"	
Zinc	1300	2.0	"	"	"	"	"	"	
CB01-1-7-23-09 (0907380-02) Liquid	Sampled: 07/23/09	10:20 R	eceived:	07/23/09 13	3:06				
Cadmium	ND	4.0	μg/L	2	B9G2405	07/24/09	07/24/09 16:35	EPA 200.8	
Copper	270	2.0	"	"	"	"	"	"	
Lead	11	4.0	"	"	"	"	"	"	
Zinc	110	2.0	"	"	"	"	"	"	



Lead

Zinc

MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego CA, 92123 Project: San Diego Airport

Spike

100

100

4.5

1300

93.1

70.0

70-130

70-130

3.42

2.21

20

20

Source

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 07/29/09 15:09

RPD

%REC

Metals (Dissolved) by EPA 200 Series Methods - Quality Control Sierra Analytical Labs, Inc.

Reporting

97.6

1370

4.0

2.0

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B9G2405 - EPA 200 Series										
Blank (B9G2405-BLK1)				Prepared	& Analyz	ed: 07/24/	09			
Cadmium	ND	4.0	μg/L							
Copper	ND	2.0	"							
Lead	ND	4.0	"							
Zine	ND	2.0	"							
LCS (B9G2405-BS1)				Prepared	& Analyz	ed: 07/24/	09			
Cadmium	90.1	4.0	μg/L	100		90.1	85-115			
Copper	91.7	2.0	"	100		91.7	85-115			
Lead	96.3	4.0	"	100		96.3	85-115			
Zinc	94.1	2.0	"	100		94.1	85-115			
Matrix Spike (B9G2405-MS1)	Sour	ce: 090738	0-01	Prepared	& Analyz	ed: 07/24/	09			
Cadmium	104	4.0	μg/L	100	8.2	95.8	70-130			
Copper	824	2.0	"	100	740	84.0	70-130			
Lead	101	4.0	"	100	4.5	96.5	70-130			
Zinc	1340	2.0	"	100	1300	40.0	70-130			QM-07
Matrix Spike Dup (B9G2405-MSD1)	Sour	ce: 090738	0-01	Prepared	ed: 07/24/					
Cadmium	101	4.0	μg/L	100	8.2	92.8	70-130	2.93	20	
Copper	835	2.0	"	100	740	95.0	70-130	1.33	20	



Project: San Diego Airport

Project Number: [none]
Project Manager: Amanda Archenhold

Reported: 07/29/09 15:09

Notes and Definitions

H-01 Sample received without sufficient time to complete analysis within recommended holding time.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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



Certificate of Analysis

Report Date: Wednesday, August 19, 2009

Received Date: Monday, July 27, 2009

Received Time: 10:45 am Turnaround Time: Normal

Client: Sierra Analytical

26052 Merit Circle, Suite 105 Laguna Hills, CA 92653

Attn: Nick Forsyth Project: 0907380

Phones: (949) 348-9389 **Fax:** (949) 348-9115

P.O. #:

Lab Sample ID: 9G27012-01 Sample ID: CB08-8-7-23-09 (0907380-01) Matrix: Water

Sampled by: Client Sampled: 07/23/09 11:00

Sampled by: Client	Sampled: 07/	23/09 11	1:00								
Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed	Ва	atch	Qualifier
Azinphos methyl (Guthion)	ND	0.12	0.15	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Bolstar	ND	0.088	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Chlorpyrifos		0.041	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Coumaphos		0.068	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Demeton-o	ND	0.049	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Demeton-s	ND	0.063	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Diazinon		0.058	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Dichlorvos		0.11	0.15	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Disulfoton	ND	0.064	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Ethoprop	ND	0.11	0.15	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Fensulfothion		0.090	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Fenthion	ND	0.027	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Merphos		0.062	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Methyl parathion		0.057	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Mevinphos		0.089	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Naled	ND	0.060	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Phorate	ND	0.054	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Ronnel		0.037	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Stirophos		0.050	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Tokuthion (Prothiofos)		0.063	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Trichloronate		0.031	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav W9G	1067	
Surrogate: Triphenyl phosphate	301 %		6-173	-							S-04

Lab Sample ID: 9G27012-02 Sample ID: CB08-8-7-23-09 (0907380-02) Matrix: Water

Sampled by: Client Sampled: 07/23/09 10:20

Result	DL	RL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
ND	0.12	0.15	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 day	W9G1067	
ND	0.088	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 day	W9G1067	
ND	0.041	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 day	W9G1067	
ND	0.068	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 day	W9G1067	
ND	0.049	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 day	W9G1067	
	ND ND ND ND	ND 0.12 ND 0.088 ND 0.041 ND 0.068	ND 0.12 0.15 ND 0.088 0.10 ND 0.041 0.10	ND 0.12 0.15 ug/l ND 0.088 0.10 ug/l ND 0.041 0.10 ug/l ND 0.068 0.10 ug/l	ND 0.12 0.15 ug/l 1	ND 0.12 0.15 ug/l 1 EPA 8141A ND 0.088 0.10 ug/l 1 EPA 8141A ND 0.041 0.10 ug/l 1 EPA 8141A ND 0.068 0.10 ug/l 1 EPA 8141A	ND 0.12 0.15 ug/l 1 EPA 8141A 7/29/09 ND 0.088 0.10 ug/l 1 EPA 8141A 7/29/09 ND 0.041 0.10 ug/l 1 EPA 8141A 7/29/09 ND 0.068 0.10 ug/l 1 EPA 8141A 7/29/09	ND 0.12 0.15 ug/l 1 EPA 8141A 7/29/09 8/10/09 12:41 day ND 0.088 0.10 ug/l 1 EPA 8141A 7/29/09 8/10/09 12:41 day ND 0.041 0.10 ug/l 1 EPA 8141A 7/29/09 8/10/09 12:41 day ND 0.068 0.10 ug/l 1 EPA 8141A 7/29/09 8/10/09 12:41 day	ND 0.12 0.15 ug/l 1 EPA 8141A 7/29/09 8/10/09 12:41 dav W9G1067ND 0.088 0.10 ug/l 1 EPA 8141A 7/29/09 8/10/09 12:41 dav W9G1067ND 0.041 0.10 ug/l 1 EPA 8141A 7/29/09 8/10/09 12:41 dav W9G1067ND 0.068 0.10 ug/l 1 EPA 8141A 7/29/09 8/10/09 12:41 dav W9G1067

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Certificate of Analysis

Lab Sample ID: 9G27012-02 Sample ID: CB08-8-7-23-09 (0907380-02) Matrix: Water

ampled by: Client Sampled: 07/23/09 10:20

Sampled by: Client	Sampled: 07/23/09 10:20									
Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Demeton-s	ND	0.063	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	lav W9G1067	
Diazinon	ND	0.058	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Dichlorvos	ND	0.11	0.15	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Disulfoton			0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	lav W9G1067	
Ethoprop			0.15	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Fensulfothion			0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	lav W9G1067	
Fenthion			0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Merphos			0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Methyl parathion			0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Mevinphos	ND	0.089	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Naled	ND		0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Phorate	ND	0.054	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Ronnel	ND	0.037	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Stirophos	ND	0.050	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	lav W9G1067	
	ND		0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	dav W9G1067	
Trichloronate			0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41 0	lav W9G1067	
Surrogate: Triphenyl phosphate	110 %		6-173							



Quality Control Section

Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Batch W9G1067 - EPA 8141A

Blank (W9G1067-BLK1)					Prepared: 07	/29/09 An	alyzed: 08/10)/09 12:41	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Triphenyl phosphate		1.00		ug/l	1.00	100	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					
.CS (W9G1067-BS1)					Prepared: 07	/29/09 An	alyzed: 08/10	0/09 12:41	

LCS (W9G1067-BS1)

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Triphenyl phosphate		0.961		ug/l	1.00	96	6-173		
Azinphos methyl (Guthion)		1.00		ug/l	1.00	100	18-159		
Bolstar		0.928		ug/l	1.00	93	49-148		
Chlorpyrifos		0.937		ug/l	1.00	94	49-143		
Coumaphos		1.03		ug/l	1.00	103	42-161		
Demeton-o		0.829		ug/l	1.00	83	47-132		
Demeton-s		0.939		ug/l	1.00	94	45-147		
Diazinon		0.926		ug/l	1.00	93	46-136		
Dichlorvos		0.936		ug/l	1.00	94	29-164		
Disulfoton		0.955		ug/l	1.00	96	46-155		
Ethoprop		0.944		ug/l	1.00	94	54-141		
Fensulfothion		1.07		ug/l	1.00	107	54-167		
Fenthion		0.911		ug/l	1.00	91	50-143		
Merphos		0.706		ug/l	1.00	71	40-185		
Methyl parathion		0.995		ug/l	1.00	99	47-142		

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Organophosphorus Pesticides by EPA Method 8141A - Quality Control

atch W9G1067 - EPA 8141A									
LCS (W9G1067-BS1)					Prepared: 07	/29/09	Analyzed: 08/10	0/09 12:41	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Mevinphos		1.13		ug/l	1.00	113	43-145		
Naled		0.839		ug/l	1.00	84	16-177		
Phorate		0.925		ug/l	1.00	92	56-134		
Ronnel		0.990		ug/l	1.00	99	49-140		
Stirophos		1.03		ug/l	1.00	103	46-146		
Tokuthion (Prothiofos)		0.907		ug/l	1.00	91	52-139		
Trichloronate		0.912		ug/l	1.00	91	52-136		
Matrix Spike (W9G1067-MS1)	Se	ource: 9G2800	6-01		Prepared: 07	/29/09	Analyzed: 08/10)/09 12:41	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Triphenyl phosphate	rtocare	0.895		ug/l	1.00	90	6-173		
, , , ,	ND	0.990		ug/l	1.00	99	45-161		
Bolstar		0.858		ug/l	1.00	86	35-171		
Chlorpyrifos		0.864		ug/l	1.00	86	36-157		
Coumaphos		0.946		ug/l	1.00	95	25-199		
Demeton-o		0.966		ug/l	1.00	97	22-179		
Demeton-s		0.998		ug/l	1.00	100	32-173		
Diazinon		0.958		ug/l	1.00	96	33-172		
Dichlorvos		0.855		ug/l	1.00	86	11-197		
Disulfoton		0.999		ug/l	1.00	100	56-133		
Ethoprop		0.876		ug/l	1.00	88	57-148		
Fensulfothion		1.06		ug/l	1.00	106	32-236		
Fenthion		0.852		ug/l	1.00	85	54-154		
Merphos		0.758		ug/l	1.00	76	41-188		
Methyl parathion		0.930		ug/l	1.00	93	43-169		
Mevinphos		0.883		ug/l	1.00	88	18-186		
Naled		1.07		ug/l	1.00	107	6-234		
Phorate	ND	0.907		ug/l	1.00	91	46-160		
Ronnel		0.927		ug/l	1.00	93	30-166		
Stirophos	ND	1.01		ug/l	1.00	101	28-180		
Tokuthion (Prothiofos)	ND	0.841		ug/l	1.00	84	34-164		
Trichloronate		0.790		ug/l	1.00	79	41-155		
Matrix Spike Dup (W9G1067-MSD1)	Se	ource: 9G2800	6-01		Prepared: 07	/29/09	Analyzed: 08/10	0/09 12:41	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Triphenyl phosphate		0.787		ug/l	1.00	79	6-173		
	ND	0.801		ug/l	1.00	80	45-161	21	25
Bolstar		0.803		ug/l	1.00	80	35-171	7	25
Chlorpyrifos		0.859		ug/l	1.00	86	36-157	0.6	25
Coumaphos		0.787		ug/l	1.00	79	25-199	18	25

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ug/l

ug/l

ug/l

1.00

1.00

1.00

102

104

98

22-179

32-173

33-172

5

2

25

25

25

1.02

1.04

0.976

Demeton-o ND ND

Demeton-sND

DiazinonND



Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Batch W9G1067 - EPA 8141A

Matrix Spike Dup (W9G1067-MSD1)	So	urce: 9G2800	6-01		Prepared: 07	/29/09 An	alyzed: 08/10	/09 12:41	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Dichlorvos	ND	0.715		ug/l	1.00	71	11-197	18	25
Disulfoton	ND	1.04		ug/l	1.00	104	56-133	4	25
Ethoprop	ND	0.920		ug/l	1.00	92	57-148	5	25
Fensulfothion	ND	1.04		ug/l	1.00	104	32-236	3	25
Fenthion	ND	0.828		ug/l	1.00	83	54-154	3	25
Merphos	ND	0.695		ug/l	1.00	70	41-188	9	25
Methyl parathion	ND	0.935		ug/l	1.00	94	43-169	0.6	25
Mevinphos	ND	1.17	MS-05	ug/l	1.00	117	18-186	28	25
Naled	ND	1.14		ug/l	1.00	114	6-234	6	25
Phorate	ND	0.962		ug/l	1.00	96	46-160	6	25
Ronnel	ND	0.941		ug/l	1.00	94	30-166	2	25
Stirophos	ND	0.909		ug/l	1.00	91	28-180	11	25
Tokuthion (Prothiofos)	ND	0.783		ug/l	1.00	78	34-164	7	25
Trichloronate	ND	0.799		ug/l	1.00	80	41-155	1	25

9G27012 Page 5 of 6



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.

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



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.

Flags for Data Qualifiers:

ND

MS-05	The s	pike recovery and/or	RPD were outside	acceptance limits for the	MS and/or MSD due to	possible matrix interference.
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The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

S-04 The surrogate recovery for this sample is outside of established control limits due to possible sample matrix effect.

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

DL Method Detection Limit
RL Method Reporting Limit
MDA Minimum Detectable Activity

9G27012 Page 6 of 6

CHAIN OF CUSTODY RECORD

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

Date: 7/23/09 Page 1 of 1

Lab Project No.: 0907360

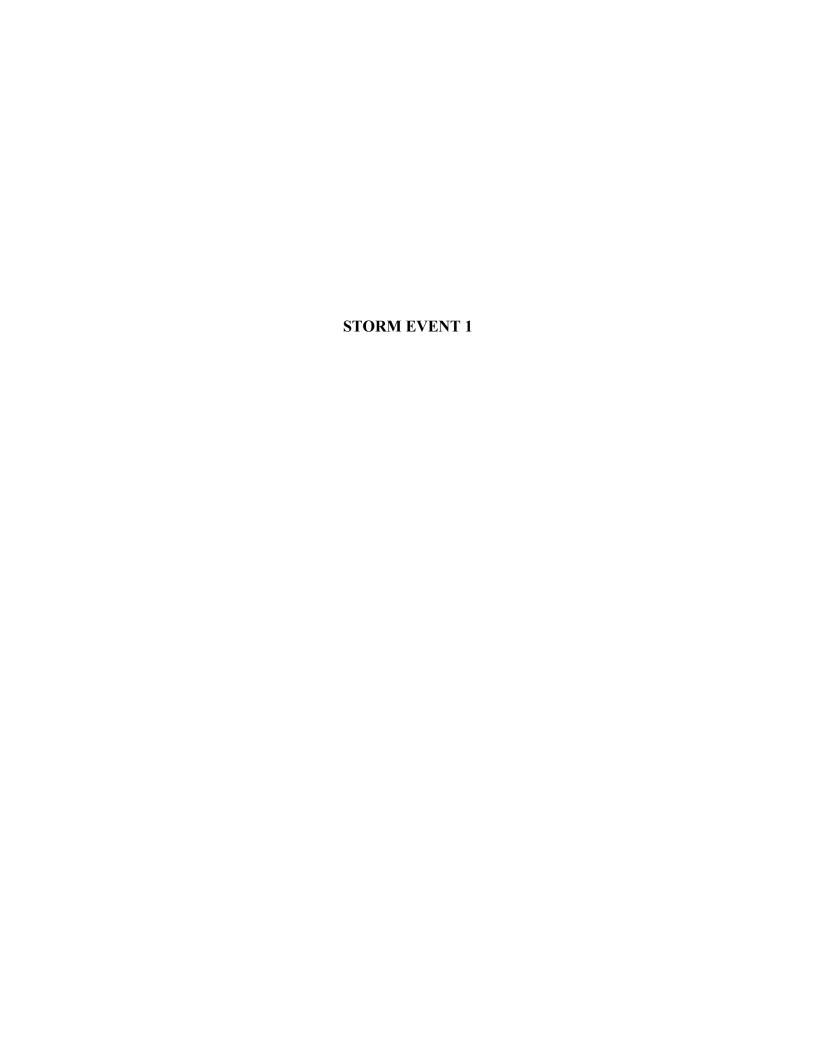
Geotracker EDD Info:	Client LOGCODE Site Global ID	Field Point Names/ Comments				Submitted to Sample Disposal:	☐ Return to Client	form constitutes RA's Terms and Lab Disposal* A and CHENT	ed to CLIENT. Archive mos.	S. Received	Omer	eipt Conditions: くみ	Chilled - Temp. (°C)	Preservatives - Vertied By	Storage Location ACCUO - WICK
Analysis Requested	NININ	HJ Y	< x x x x x x x x x x x x x x x x x x x			Total Number of Containers Submitted to	Laboratory	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 aereed innon in writine between SIERRA and CLIFNT	* - Samples determined to be hazardous by SIERRA will be returned to CLIENT.	Total Number of Containers Received	by Laboratory	ORATORY USE ONLY - Sam	₽ [Sample Seals Properly Labelled Other	Appropriate Sample Container
Client Project ID:	Turn Around Immediate 24 Hour 72 Hour 73 Hour 74 Hour 74 Hour 74 Hour 74 Hour 75 Hour	Date Time Matrix Preservative	7-23 1020 W ILLE VARIETIES			Shipped Via:	(Carrier/Waybill No.)	Received By: S / / /	Time: SA Time	7. Z S. (*) Received Bys X C TO	1636 Company: Greater Line:	Received By:	Time: Company:		
Client Address: 9177 Sk	Client Tel. No.: 858 278 Client Fax. No.: Client Proj. Mgr.: AMANDA	S Sample ID.	CB01-1-123-09 0			Sampler Signature:	Printed Nume: King Garee	Relinquished By:	Company: MACTEC	Relinquished By: D- M	Compuny: SA	4 Refinquished By:	Сотрапу:	Special Instructions:	

DISTRIBITION: White To Accommon Samples Vellow I showstony Conv. Birly Birly Birly



Appendix C

FY08-09 Wet Weather Sampling Results



Compliance Sites Analytical Results

				Results										
Analyte	Analytical Procedure	Dilution	Units	Reporting Limit	C-B01-1 11-26-08	C-B03-2 11-26-08	C-B05-3 11-26-08	C-B05-4 11-26-08	C-B06-5 11-26-08	C-B07-6 11-26-08	C-B07-7 11-26-08	C-B08-8 11-26-08	C-B12-9 11-26-08	C-B09-10 11-25-08
Conventionals														
Ammonia as N	SM 4500-NH3	1	mg/l	0.100	1.40	1.20	1.00	0.42	0.36	0.82	0.46	0.29	0.50	0.64
BOD	EPA 405.1	1, 2, 3, 4, 5, 10, or 20	mg/l	2.0, 4.0, 6.0, 8.0, 10.0, 20.0, or 40.0	26.0ª	21.0ª	18.0 ^b	25.0°	15.0 ^d	68.0 ^e	34.0 ^f	37.0ª	10.2 ^g	61.0 ^a
COD	EPA 410.4	1	mg/l	0.100	105	101	90	103	65	242	140	138	33	230.0
SC	EPA 120.1	1	μmhos/cm	0.100	178	267	633	157	24	217	118	275	71	455
MBAS	EPA 425.1	1	mg/l	0.0500	0.150	0.140	0.120	0.180	ND	0.230	0.160	0.140	ND	0.25
Oil & Grease	EPA 413.1	1	mg/l	1.00	1.20	1.00	1.10	1.00	ND	1.40	1.20	ND	ND	2.00
pН	EPA 150.1	1	pH Units	0.100	6.51	5.81	7.45	6.33	6.62	6.13	6.19	6.50	6.68	6.68
Total Suspended Solids	EPA 160.2	1	mg/l	1.00	10.0	7.0	31.0	14.0	3.0	8.0	5.0	2.0	1.0	35.0
Metals (Total)														
Aluminum	EPA 200.8	2	μg/L	50	1400	2700	5300	1200	800	380	440	90	ND	3400
Copper	EPA 200.8	2	μg/L	2.0	270	590	40	240	49	200	83	90	8.6	190
Iron	EPA 200.8	2	mg/l	0.050	1.4	2.1	4.2	1.2	0.66	2.4	0.81	0.14	ND	6.6
Lead	EPA 200.8	2	μg/L	2.0	8.1	29	34	5.0	2.0	4.2	5.4	ND	ND	21
Zinc	EPA 200.8	2	μg/L	2.0	340	420	220	430	53	1200	630	240	19	520
Metals (Dissolved)														
Copper	EPA 200.8	2	μg/L	2.0	220	490	16	180	36	73	40	57	5.8	110
Zinc	EPA 200.8	2	μg/L	2.0	280	340	18	340	39	490	490	200	18	270
Total Petroleum Hydro	ocarbons (TPH)												
Diesel Range Organics (C10-C24)	EPA 8015B	1	mg/l	0.050	0.36	0.46	ND	0.62	ND	1.9	0.55	1.2	0.44	1.5
Jet-A	EPA 8015B	1	mg/l	0.050	ND									
Oil Range Organics (C22-C36)	EPA 8015B	1	mg/l	0.050	0.65	0.79	0.86	1.0	0.35	2.9	1.2	1.6	0.64	3.0
Glycols														
Ethylene Glycol	EPA 8015B	2	mg/l	10.0	ND									
Propylene Glycol	EPA 8015B	2	mg/l	10.0	ND									

Notes:

^a Dilution = 10 and Reporting Limit = 20.0; b Dilution = 2 and Reporting Limit = 4.0; c Dilution = 5 and Reporting Limit = 10.0; d Dilution = 3 and Reporting Limit = 6.0

^fDilution = 4 and Reporting Limit = 8.0; g Dilution = 1 and Reporting Limit = 2.0

ND = Non Detect

NA = Not Applicable

							Results		
Analyte	Analytical Procedure	Dilution	Units	Reporting Limit	S-B08-1/ S-B08-2- 11-26-08	S-B09-3/ S-B11-4- 11-26-08	S-B06-12 11-26-08	S-B12-13- 11-26-08	S-B08-14 11-26-08
Conventionals				-					
BOD	EPA 405.1	2 or 10	mg/l	4.0 or 20.0	29.0^{a}	26.0^{a}	13.0^{b}	17.6 ^b	37.0^{a}
COD	EPA 410.4	1	mg/l	0.100	118	110	70.0	44.0	138
SC	EPA 120.1	1	μmhos/cm	0.100	69.1	113	66.3	85.7	275
Oil & Grease	EPA 413.1	1	mg/l	1.00	1.10	1.20	ND	ND	ND
рН	EPA 150.1	1	pH Units	0.100	6.29	6.18	6.97	6.47	6.50
Total Suspended Solids	EPA 160.2	1	mg/l	1.00	15.0	17.0	1.00	1.00	2.0
Metals (Total)									
Aluminum	EPA 200.8	2	μg/L	50	960	1400	51	62	90
Copper	EPA 200.8	2	μg/L	2.0	43	44	15	40	90
Iron	EPA 200.8	2	mg/l	0.050	1.1	1.6	0.069	0.098	0.14
Lead	EPA 200.8	2	μg/L	2.0	5.1	13	ND	ND	ND
Zinc	EPA 200.8	2	μg/L	2.0	200	240	63	88	240
Metals (Dissolved)									
Copper	EPA 200.8	2	μ g/L	2.0	22	26	9.3	23	57
Zinc	EPA 200.8	2	μg/L	2.0	120	140	47	82	200
Glycols									
Ethylene Glycol	EPA 8015B	2	mg/l	10.0	ND	ND	ND	ND	ND
Propylene Glycol	EPA 8015B	2	mg/l	10.0	ND	ND	ND	ND	ND

Notes:

ND = Non Detect

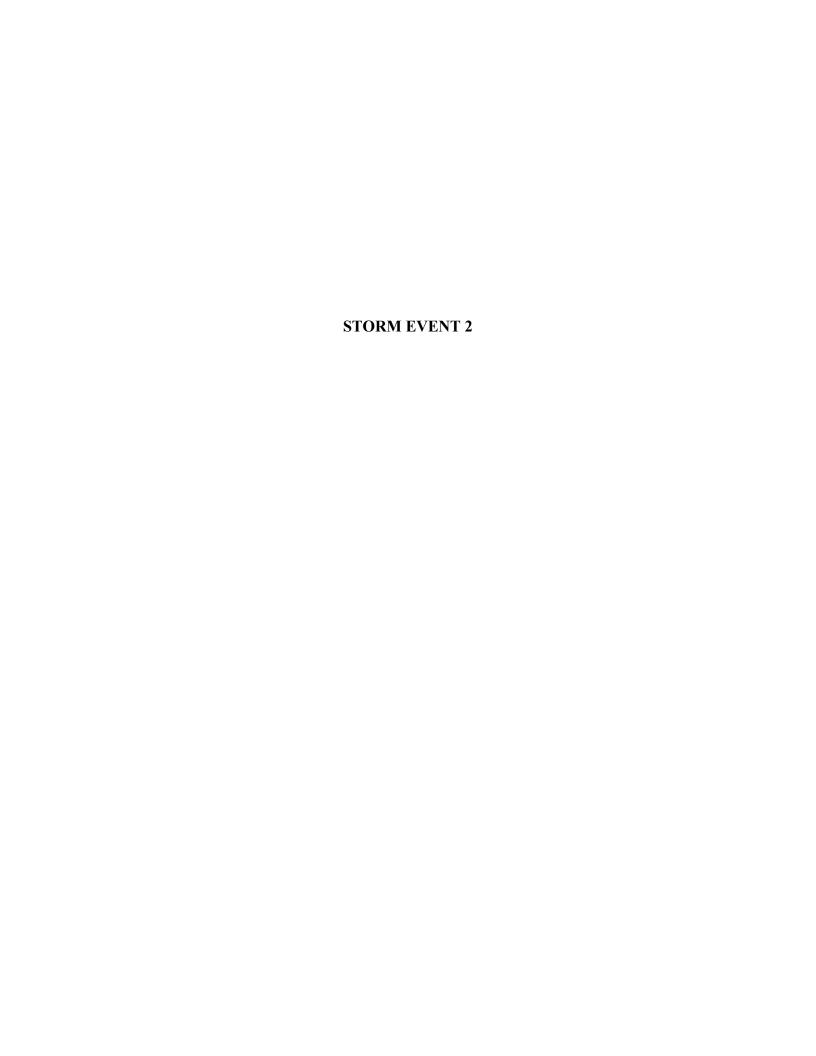
NA = Not Applicable

Sample ID	Median Grain Size,		Cumulative Percent Greater Than (Distribution percent, microns)											
Sample 1D	micron*	5%	10%	16%	25%	40%	50%	60%	75%	84%	90%	95%		
**S-B06-12 11-26-08	91.747	544.511	514.542	286.543	209.774	129.118	91.747	50.018	20.712	10.899	5.840	2.607		

^{*} Based on Trask Median

^a Dilution = 10 and Reporting Limit = 20.0; b Dilution = 2 and Reporting Limit = 4.0

^{**} Ideal obscuration is between 8-12%. Sample obscuration is 3%



Compliance Sites Analytical Results

									Re	sults				
Analyte	Analytical Procedure	Dilution	Units	Reporting Limit	C-B01-1 12-15-08	C-B03-2 12-15-08	C-B05-3 12-15-08	C-B05-4 12-15-08	C-B06-5 12-15-08	C-B07-6 12-15-08	C-B07-7 12-15-08	C-B08-8 12-16-08	C-B12-9 12-14-08	C-B09-10 12-14-08
Conventionals														
Ammonia as N	SM 4500- NH3	1	mg/l	0.100	1.64	1.74	0.840	1.82	2.16	1.93	0.550	0.680	0.520	2.40
BOD	EPA 405.1	1, 5	mg/l	2, 10	31.0	16.0	33.0	55.0	42.0	38.0	16.0	36.0	8.00	52.0
COD	EPA 410.4	1	mg/l	0.100	116	68.0	122	193	166	127	54.0	61.0	28.0	234
SC	EPA 120.1	1	μmhos/cm	0.100	300	205	610	791	342	165	57.8	144	31.9	395
MBAS	EPA 425.1	1	mg/l	0.0500	0.290	0.120	0.170	0.340	0.220	0.250	0.120	0.140	ND	0.280
Oil & Grease	EPA 1664	1	mg/l	2.00	ND	ND	2.00	2.00	ND	ND	ND	ND	ND	ND
pН	EPA 150.1	1	pH Units	0.100	6.62	6.96	7.80	6.48	6.78	6.68	6.73	6.63	7.65	7.21
Total Suspended Solids	EPA 160.2	1	mg/l	1.00	10.0	3.00	11.0	6.00	19.0	15.0	7.00	4.00	1.00	8.00
Metals (Total)														
Aluminum	EPA 200.8	1, 2	μ g /L	25, 50	450	190	980	440	560	230	300	66.0	ND	780
Copper	EPA 200.8	1, 2	μ g /L	1, 2	260	190	21	480	380	170	39	75.0	41	89
Iron	EPA 200.8	1, 2	mg/l	0.025,	0.49	0.24	0.93	0.52	0.61	1.3	0.41	ND	0.080	1.1
Lead	EPA 200.8	1, 2	μg/L	1, 2	4.1	16	7.6	3.3	3.0	6.5	5.3	ND	ND	5.6
Zinc	EPA 200.8	1, 2	μg/L	1, 2	290	210	45	530	320	510	200	200	68	170
Metals (Dissolved)														
Copper	EPA 200.8	2	μ g /L	2.0	240	160	15	440	350	100	27	21	37	74
Zinc	EPA 200.8	2	μ g /L	2.0	270	190	10	490	290	420	170	140	63	120
Total Petroleum Hydro	ocarbons (TPI	H)												
Diesel Range Organics (C10-C24)	EPA 8015B	1	mg/l	0.050	1.1	ND	ND	1.4	ND	ND	ND	0.52	ND	ND
Jet-A	EPA 8015B	1	mg/l	0.050	ND									
Oil Range Organics (C22-C36)	EPA 8015B	1	mg/l	0.050	1.3	0.48	0.50	2.5	1.7	2.2	0.90	0.92	1.9	1.3
Glycols	Hycols													
Ethylene Glycol	EPA 8015B	2	mg/l	10.0	ND									
Propylene Glycol	EPA 8015B	2	mg/l	10.0	ND									

Notes:

ND = Non Detect

NA = Not Applicable

					Results 8-1/ S-B09-3/ S-B06-12 S-B12-13 S-B08-14						
Analytical Procedure	Dilution	Units	Reporting Limit	S-B08-1/ S-B08-2 12-16-08	S-B09-3/ S-B11-4 12-16-08	S-B06-12 12-16-08*	S-B12-13 12-16-08	S-B08-14 12-16-08			
EPA 405.1	5	mg/l	10.0	14.8	19.0	27.0	20.0	36.0			
EPA 410.4	1	mg/l	0.100	38.0	42.0	87.0	72.0	61			
EPA 120.1	1	μmhos/cm	0.100	62.2	72.4	109	176	144			
EPA 1664	1	mg/l	2.00	ND	ND	ND	ND	ND			
EPA 150.1	1	pH Units	0.100	6.08	6.38	8.92	7.59	6.63			
EPA 160.2	1	mg/l	1.00	3.00	5.00	2.00	1.00	4.00			
EPA 200.8	1, 2	μg/L	25, 50	620	1100	40	ND	66			
EPA 200.8	1, 2	μg/L	1.0, 2.0	30	35	18	20	75			
EPA 200.8	1, 2	mg/l	0.025, 0.05	ND	ND	ND	ND	ND			
EPA 200.8	1, 2	μg/L	1.0, 2.0	3.8	10	ND	ND	ND			
EPA 200.8	1, 2	μg/L	1.0, 2.0	150	220	55	35	200			
EPA 200.8	1	μg/L	1.0	16	19	11	14	21			
EPA 200.8	1	μg/L	1.0	100	160	23	20	140			
			•	•	•						
EPA 8015B	2	mg/l	10.0	ND	ND	ND	ND	ND			
EPA 8015B	2	mg/l	10.0	ND	ND	ND	ND	ND			
	EPA 405.1 EPA 410.4 EPA 120.1 EPA 1664 EPA 150.1 EPA 160.2 EPA 200.8	EPA 405.1 5 EPA 410.4 1 EPA 120.1 1 EPA 1664 1 EPA 150.1 1 EPA 160.2 1 EPA 200.8 1, 2 EPA 200.8 1 EPA 200.8 1 EPA 200.8 1 EPA 200.8 1	Procedure Dilution Units EPA 405.1 5 mg/l EPA 410.4 1 mg/l EPA 120.1 1 μmhos/cm EPA 1664 1 mg/l EPA 150.1 1 pH Units EPA 200.8 1, 2 μg/L EPA 200.8 1 μg/L EPA 200.8 1 μg/L EPA 200.8 1 μg/L EPA 200.8 1 μg/L	Procedure Dilution Units Limit EPA 405.1 5 mg/l 10.0 EPA 410.4 1 mg/l 0.100 EPA 120.1 1 μmhos/cm 0.100 EPA 1664 1 mg/l 2.00 EPA 150.1 1 pH Units 0.100 EPA 160.2 1 mg/l 1.00 EPA 200.8 1, 2 μg/L 1.0, 2.0 EPA 200.8 1 μg/L 1.0 EPA 200.8 1 μg/L 1.0 EPA 200.8 1 μg/L 1.0	Procedure Dilution Units Limit S-B08-2 12-16-08 EPA 405.1 5 mg/l 10.0 14.8 EPA 410.4 1 mg/l 0.100 38.0 EPA 120.1 1 μmhos/cm 0.100 62.2 EPA 1664 1 mg/l 2.00 ND EPA 150.1 1 pH Units 0.100 6.08 EPA 160.2 1 mg/l 1.00 3.00 EPA 200.8 1, 2 μg/L 1.0, 2.0 30 EPA 200.8 1, 2 μg/L 1.0, 2.0 30 EPA 200.8 1, 2 μg/L 1.0, 2.0 3.8 EPA 200.8 1, 2 μg/L 1.0, 2.0 3.8 EPA 200.8 1, 2 μg/L 1.0, 2.0 150 EPA 200.8 1 μg/L 1.0 10 EPA 200.8 1 μg/L 1.0 100	Procedure Dilution Units Limit S-B08-2 12-16-08 S-B11-4 12-16-08 EPA 405.1 5 mg/l 10.0 14.8 19.0 EPA 410.4 1 mg/l 0.100 38.0 42.0 EPA 120.1 1 μmhos/cm 0.100 62.2 72.4 EPA 1664 1 mg/l 2.00 ND ND EPA 150.1 1 pH Units 0.100 6.08 6.38 EPA 160.2 1 mg/l 1.00 3.00 5.00 EPA 200.8 1, 2 μg/L 1.0, 2.0 30 35 EPA 200.8 1, 2 μg/L 1.0, 2.0 3.8 10 EPA 200.8 1, 2 μg/L 1.0, 2.0 3.8 10 EPA 200.8 1, 2 μg/L 1.0, 2.0 150 220 EPA 200.8 1, 2 μg/L 1.0, 2.0 150 220 EPA 200.8 1 μg/L 1.0 100 160 <td>Analytical Procedure Dilution Units Reporting Limit S-B08-1/S-B08-2 12-16-08 S-B09-3/S-B11-4 12-16-08* S-B06-12 12-16-08* EPA 405.1 5 mg/l 10.0 14.8 19.0 27.0 EPA 410.4 1 mg/l 0.100 38.0 42.0 87.0 EPA 120.1 1 μmhos/cm 0.100 62.2 72.4 109 EPA 1664 1 mg/l 2.00 ND ND ND EPA 150.1 1 pH Units 0.100 6.08 6.38 8.92 EPA 160.2 1 mg/l 1.00 3.00 5.00 2.00 EPA 200.8 1, 2 μg/L 1.0, 2.0 30 35 18 EPA 200.8 1, 2 μg/L 1.0, 2.0 3.8 10 ND EPA 200.8 1, 2 μg/L 1.0, 2.0 3.8 10 ND EPA 200.8 1 μg/L 1.0 16 19 11 EPA 200.8<!--</td--><td> Procedure Dilution Units Reporting Limit S-B08-1/ S-B08-2 S-B11-4 12-16-08 12-</td></td>	Analytical Procedure Dilution Units Reporting Limit S-B08-1/S-B08-2 12-16-08 S-B09-3/S-B11-4 12-16-08* S-B06-12 12-16-08* EPA 405.1 5 mg/l 10.0 14.8 19.0 27.0 EPA 410.4 1 mg/l 0.100 38.0 42.0 87.0 EPA 120.1 1 μmhos/cm 0.100 62.2 72.4 109 EPA 1664 1 mg/l 2.00 ND ND ND EPA 150.1 1 pH Units 0.100 6.08 6.38 8.92 EPA 160.2 1 mg/l 1.00 3.00 5.00 2.00 EPA 200.8 1, 2 μg/L 1.0, 2.0 30 35 18 EPA 200.8 1, 2 μg/L 1.0, 2.0 3.8 10 ND EPA 200.8 1, 2 μg/L 1.0, 2.0 3.8 10 ND EPA 200.8 1 μg/L 1.0 16 19 11 EPA 200.8 </td <td> Procedure Dilution Units Reporting Limit S-B08-1/ S-B08-2 S-B11-4 12-16-08 12-</td>	Procedure Dilution Units Reporting Limit S-B08-1/ S-B08-2 S-B11-4 12-16-08 12-			

Notes:

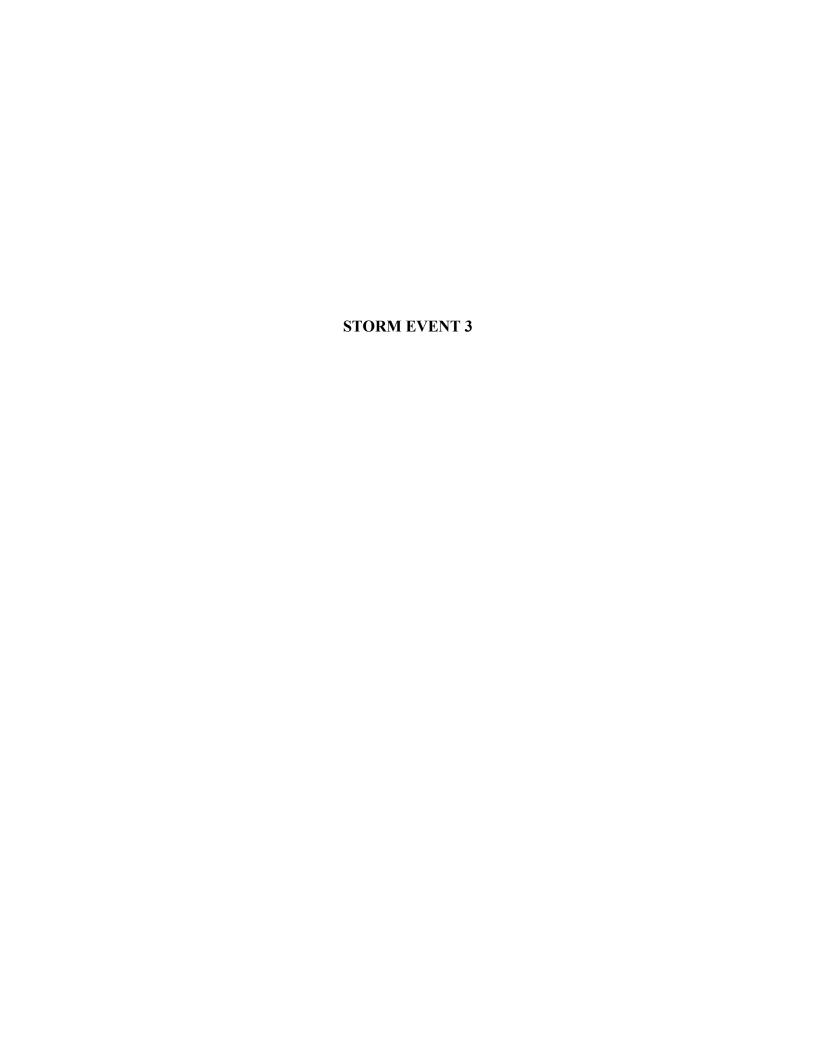
ND = Non Detect

NA = Not Applicable

_														
	Sample ID	Median Grain												
	Sample 1D	Size, micron*	5%	9% 10% 16% 25% 40% 50% 60% 75% 84% 90% 95%										
	S-B06-12 12-16-08	NA				Below detec	tion limits:	Insufficient of	concentration	n for analysis	S.			

^{*} Based on Trask Median

^{* =} There was insufficient concentration to obtain particle size analysis results



							Results		
Analyte	Analytical Procedure	Dilution	Units	Reporting Limit	S-B08-1/ S-B08-2- 12-22-08	S-B09-3/ S-B11-4- 12-22-08	S-B06-12-12- 22-08*	S-B12-13- 12-22-08	S-B08-14 12- 22-08
Conventionals									
BOD	EPA 405.1	1, 5	mg/L	2.00, 10.0	3.80	7.70	9.90	8.70	19.2
COD	EPA 410.4	1	mg/L	0.100	10.0	29.0	42.0	39.0	68.0
SC	EPA 120.1	1	μmhos/cm	0.100	39.0	57.7	78.5	80.3	133
Oil & Grease	EPA 1664	1	mg/L	2.00	ND	ND	ND	ND	ND
рН	EPA 150.1	1	pH Units	0.100	7.03	6.88	7.25	7.40	6.86
Total Suspended Solids	EPA 160.2	1	mg/L	1.00	2.00	3.00	1.00	2.00	8.00
Metals (Total)									
Aluminum	EPA 200.8	2	μg/L	50	130	210	120	110	87
Copper	EPA 200.8	2	μg/L	2.0	16	13	11	11	26
Iron	EPA 200.8	2	mg/L	0.050	0.16	0.30	0.1	0.094	0.11
Lead	EPA 200.8	2	μg/L	2.0	ND	ND	ND	ND	ND
Zinc	EPA 200.8	2	μg/L	2.0	63	41	40	34	120
Metals (Dissolved)									
Copper	EPA 200.8	2	μg/L	2.0	11	8.7	6.4	5.8	10
Zinc	EPA 200.8	2	μg/L	2.0	45	25	19	17	97
Glycols									
Ethylene Glycol	EPA 8015B	2	mg/L	10.0	ND	ND	ND	ND	ND
Propylene Glycol	EPA 8015B	2	mg/L	10.0	ND	ND	ND	ND	ND
Notes:		•				•	-		•

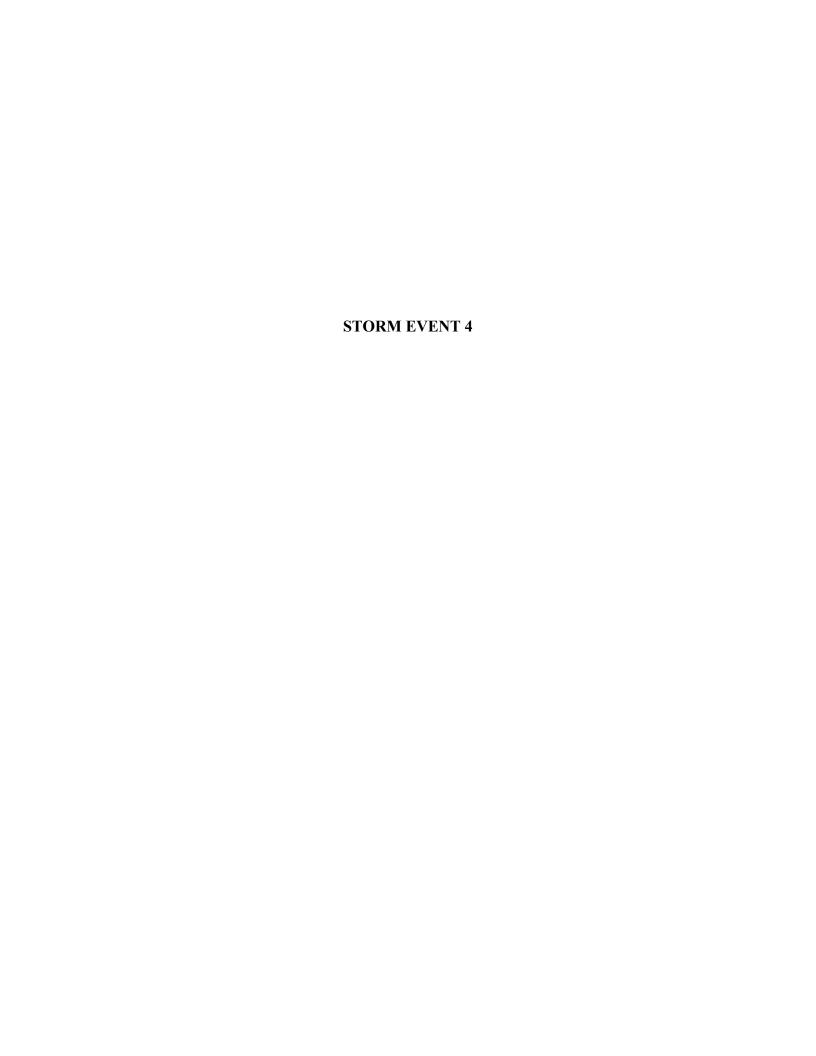
Notes

ND = Non Detect

					I al tiele biz	c itesuits						
	Median		Cumulative Percent Greater Than (Distribution percent, microns)									
Sample ID	Grain Size, micron*	5%	10%	16%	25%	40%	50%	60%	75%	84%	90%	95%
S-B06-12- 12-22-08	NA			I	Below detection	on limits: In	sufficient co	ncentration f	or analysis.			

^{*} Based on Trask Median

^{*=} There was insufficient concentration to obtain particle size analysis results



							Results		
Analyte	Analytical Procedure	Dilution	Units	Reporting Limit	S-B08-1/ S-B08-2- 2-6-09	S-B09-3/ S-B11-4- 2-6-09	S-B06-12- 2-6-09*	S-B12-13- 2-6-09	S-B08-14- 2-6-09
Conventionals									
BOD	EPA 405.1	1	mg/L	2.00	32.0	20.0	8.20	6.60	10.6
COD	EPA 410.4	1	mg/L	0.100	61.0	48.0	26.0	20.0	32.0
SC	EPA 120.1	1	μmhos/cm	0.100	103	118	113	89.1	215
Oil & Grease	EPA 1664	1	mg/L	2.00	ND	ND	ND	ND	ND
рН	EPA 150.1	1	pH Units	0.100	6.25	6.34	6.91	6.70	6.75
Total Suspended Solids	EPA 160.2	1	mg/L	1.00	26.0	18.0	6.00	5.00	8.00
Metals (Total)									
Aluminum	EPA 200.8	2	μg/L	50	850	1200	70	83	120
Copper	EPA 200.8	2	μg/L	2.0	53	49	18	24	45
Iron	EPA 200.8	2	mg/L	0.050	1.3	1.90	0.071	0.15	0.18
Lead	EPA 200.8	2	μg/L	2.0	6.4	13	ND	ND	ND
Zinc	EPA 200.8	2	μg/L	2.0	190	180	50	42	150
Metals (Dissolved)									
Copper	EPA 200.8	2	μg/L	2.0	32	29	15	13	38
Zinc	EPA 200.8	2	μg/L	2.0	98	78	40	27	120
Glycols				· ·					
Ethylene Glycol	EPA 8015B	2	mg/L	10.0	ND	ND	ND	ND	ND
Propylene Glycol	EPA 8015B	2	mg/L	10.0	ND	ND	ND	ND	ND
Notoge									

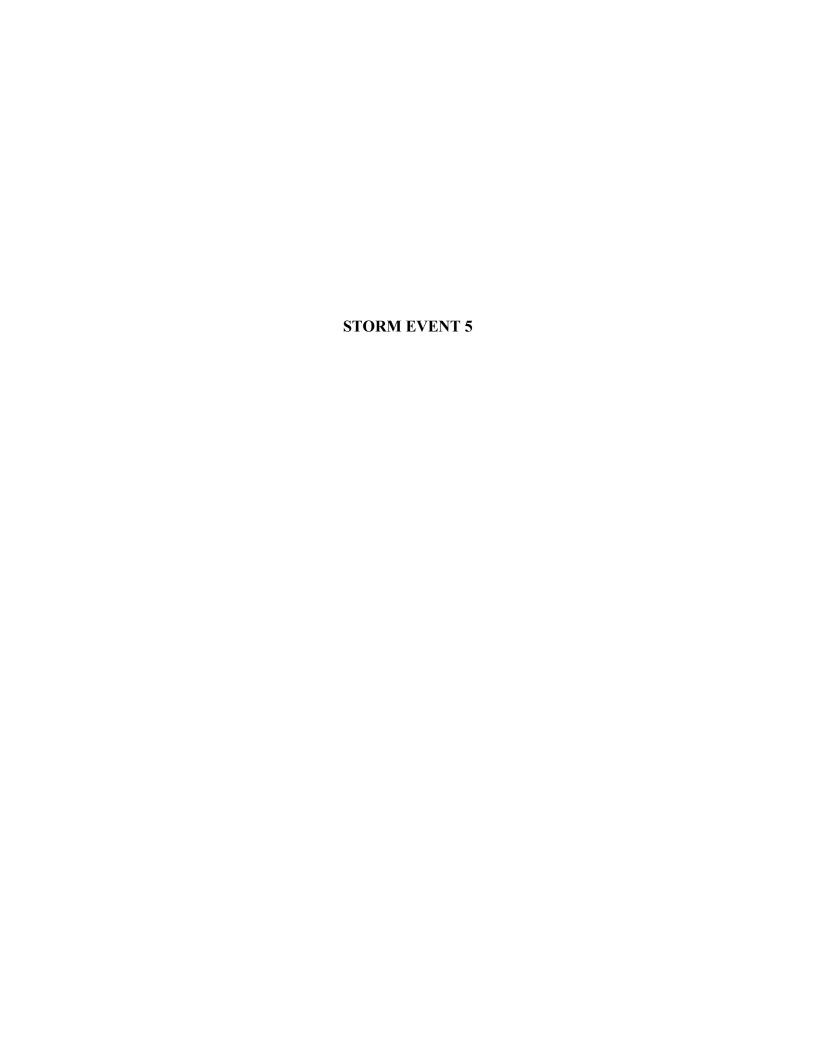
Notes:

ND = Non Detect

	Median			C								
Sample ID	Grain Size, micron*	5%	10%	16%	25%	40%	50%	60%	75%	84%	90%	95%
S-B06-12- 2-6-09	NA			E	Below detection	on limits: In	sufficient co	ncentration f	or analysis.			

^{*} Based on Trask Median

^{*=} There was insufficient concentration to obtain particle size analysis results



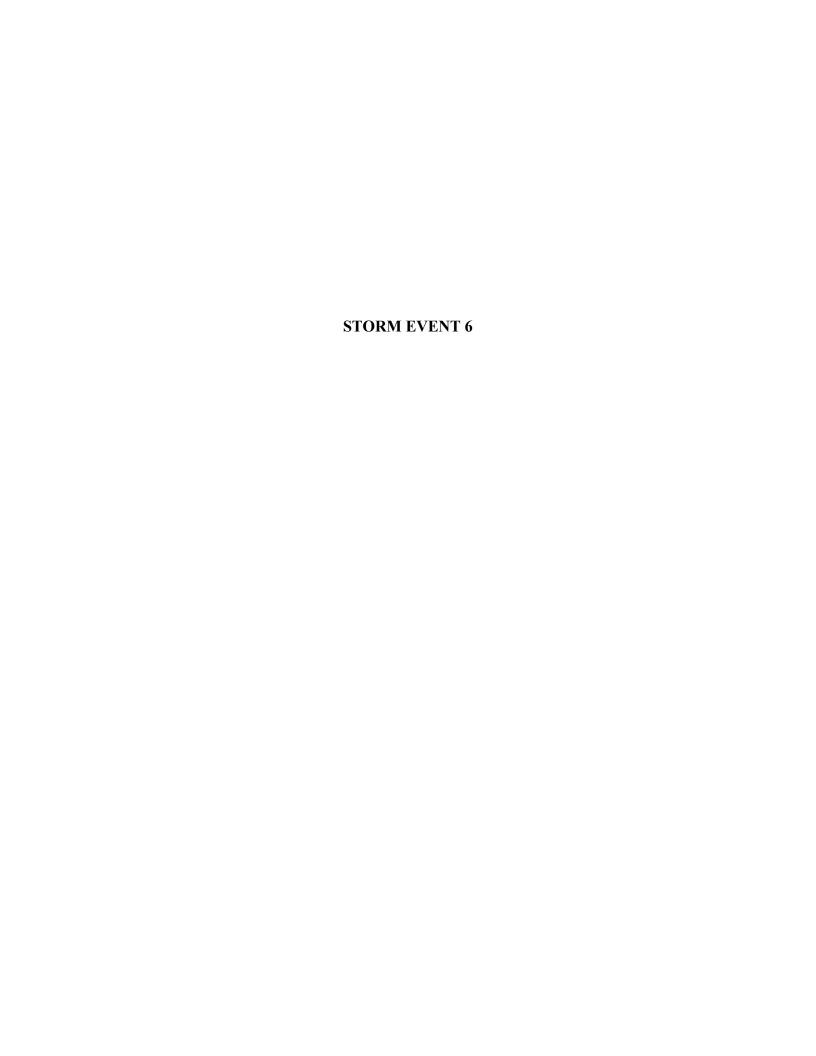
			Units	Reporting Limit			Results		
Analyte	Analytical Procedure	Dilution			S-B08-1/ S-B08-2- 2-16-09	S-B09-3/ S-B11-4- 2-16-09	S-B06-12- 2-16-09*	S-B12-13- 2-16-09	S-B08-14- 2-16-09
Conventionals									
BOD	EPA 405.1	1	mg/L	2.00	3.50	3.70	4.20	6.40	6.00
COD	EPA 410.4	1	mg/L	0.100	12.0	13.0	18.0	28.0	26.0
SC	EPA 120.1	1	μmhos/cm	0.100	58.5	60.0	79.0	302	294
Oil & Grease	EPA 1664	1	mg/L	2.00	ND	ND	ND	ND	ND
рН	EPA 150.1	1	pH Units	0.100	6.86	6.59	7.19	7.16	7.17
Total Suspended Solids	EPA 160.2	1	mg/L	1.00	3.00	7.00	1.00	2.00	1.00
Metals (Total)									
Aluminum	EPA 200.8	2	μg/L	50	730	1900	51	220	95
Copper	EPA 200.8	2	μg/L	2.0	26	34	5.4	22	58
Iron	EPA 200.8	2	mg/L	0.050	0.98	2.5	ND	0.33	0.36
Lead	EPA 200.8	2	μg/L	2.0	4.4	16	ND	3.5	ND
Zinc	EPA 200.8	2	μg/L	2.0	120	160	21	78	230
Metals (Dissolved)									
Copper	EPA 200.8	2	μg/L	2.0	10	6.0	4.4	5.9	40
Zinc	EPA 200.8	2	μg/L	2.0	50	30	20	34	200
Glycols		•							
Ethylene Glycol	EPA 8015B	2	mg/L	10.0	ND	ND	ND	ND	16.1
Propylene Glycol	EPA 8015B	2	mg/L	10.0	ND	ND	ND	ND	33.7
Notoge	•	•	•	•				•	

Notes:

	Median		Cumulative Percent Greater Than (Distribution percent, microns)									
Sample ID	Grain Size, micron*	5%	10%	16%	25%	40%	50%	60%	75%	84%	90%	95%
S-B06-12- 2-16-09	NA			I	Below detection	on limits: In	sufficient co	ncentration f	for analysis.			

^{*} Based on Trask Median

^{*=} There was insufficient concentration to obtain particle size analysis results ND = Non Detect



BMP Effectiveness Sites Analytical Results

					Res	sults
Analyte	Analytical Procedure	Dilution	Units	Reporting Limit	S-B08-1/ S-B08-2- 3-22-09	S-B09-3/ S-B11-4- 3-22-09
Conventionals						
BOD	EPA 405.1	1	mg/L	2.00	26.00	25.00
COD	EPA 410.4	1	mg/L	0.100	53.0	48.0
SC	EPA 120.1	1	μmhos/cm	0.100	179.0	242.0
Oil & Grease	EPA 1664	1	mg/L	2.00	ND	ND
рН	EPA 150.1	1	pH Units	0.100	6.14	6.59
Total Suspended Solids	EPA 160.2	1	mg/L	1.00	21.00	18.00
Metals (Total)						
Aluminum	EPA 200.8	2	μg/L	50	510	1400
Copper	EPA 200.8	2	μg/L	2.0	110	63
Iron	EPA 200.8	2	mg/L	0.050	0.75	2.1
Lead	EPA 200.8	2	μg/L	2.0	4.1	12
Zinc	EPA 200.8	2	μg/L	2.0	350	260
Metals (Dissolved)						
Copper	EPA 200.8	2	μg/L	2.0	88	47
Zinc	EPA 200.8	2	μg/L	2.0	300	160
Glycols						
Ethylene Glycol	EPA 8015B	2	mg/L	10.0	ND	ND
Propylene Glycol	EPA 8015B	2	mg/L	10.0	ND	ND

Notes:

ND = Non Detect