

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

Paul Manasjan

Signature:

Director, Environmental Affairs Department

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Printed Name:

Title:

<ul> <li>To: Thella F, Bowens President/CEO</li> <li>From: Ted Sexton Vice President, Operations</li> <li>Subject: Authorization to Sign National Pollutant Discharge Elimination System (NPDES) Documents</li> <li>NPDES Permits (including General NPDES Permits) require submission of various reports a 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 authorized representative control of the permit records for each facility. The authorized representative must b the individual or position having overall responsibility for environmental matters.</li> <li>This is to request your approval, evidenced by your signature below, authorizing the Director Environmental Affairs for the Authority to serve as the duly authorized representative for purposed of executing all documents related to the NPDES Permit requirements.</li> <li>Thella F. Bowens President/CEO San Diego County Regional Airport Authority</li> <li>Cc: Paul Manasjan, Director, Environmental Affairs Zane Gresham, Morris &amp; Foerster</li> </ul>	Date:	IN I E R-OFFICE COMMUNICATION June 27, 2003
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#### **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.

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	

 Table 1 IDDE MS4 Inspection and Monitoring Conducted During FY08-09

#### **3.1 IDDE REPORTING AND RESPONSE**

Appendix A presents information on the 196 IDDE events reported to either the Authority's 24hour 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 were

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 lavatory 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.

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

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

#### **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.

Site ID	Site Description	Dates with	Type of	Potential Pollutant(s) of
	1	Sufficient Water	Analyses	Concern Indentified
		to Sample	(S F L)*	
CB01-1	Grated inlet inside zipper	5/27/09*	F	Ammonia MBAS pH
	line, south of FBO, north of			Cu. Zn
	runway	6/25/09*	F, L	pH, Cu, Zn
	5	7/23/09* (routine	F, L	Cu, Zn
		investigation and	,	,
		follow up)		
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		
	control tower	6/25/09*	S	
		7/23/09*	S	
CB07-6	Inlet pipe, in manhole west	5/27/09		
	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		
		7/23/09		
CB08-8	Grated inlet northwest of	5/27/09*	F, L	Ammonia, MBAS, Total
	Terminal 1 East, across		, i i i i i i i i i i i i i i i i i i i	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		

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

\* 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.

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
pН	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 6 Compliance Sampling Analytical Results Summary

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.

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%
BOD (mg/L)	32	30	20	11	55%
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%

Table 7 Comparison of Compliance Sampling Results to Benchmarks

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.

Pollutant of Concern	Units	Median	Coefficient of Variance	Maximum Value	Minimum Value	Number of Samples
DOD	ma/I	10	(%)	01	2.5	01
BOD	mg/L	18	/3.1	84	3.3	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 8 Source Identification Sampling Analytical Results Summary

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.

Source	Sampling Locations	Source Area (acres)	Pollutant of Concern	Annual Load <sup>(a)</sup> (lbs)
	S-B08-1			2.4
	S-B08-2		Copper, Total	2.4
Dortring Lata	S-B09-3	20	Zinc, Total	11.43
Parking Lois		80	Copper, Dissolved	1.32
	S-B11-4		Zinc, Dissolved	6.81
	S-B05-5			
	S-B07-6		Copper, Total	28.2
DoofDunoff	S-B12-7	40	Zinc, Total	239 (19.82) <sup>(b)</sup>
KOOI KUIIOII		40	Copper, Dissolved	17.8
	S-B08-8		Zinc, Dissolved	215.2 (14.9) <sup>(b)</sup>
	S-B08-9		Copper, Total	317.6
Runway/Ramps	S-B03-10	220	Zinc, Total	122.8
		520	Copper, Dissolved	252.8
	S-B06-11		Zinc, Dissolved	108.3
	S-B06-12		Copper, Total	3.71
Airport Operations	S-B12-13	00	Zinc, Total	10.16
		90	Copper, Dissolved	2.22
	S-B08-14		Zinc, Dissolved	7.53

Table 9 Annual Pollutant Load Calculated for Pollutant Source Types

(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	e Detection and Elimir	nation Report Log
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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 72 retrieve 6 bass of trash on the west ramp. Briefed DL service crews regarding FOD issues.
Trash Spill Airsido	7/2/2009	09-40 Ovorflow water and sodimont/dirt from DL HMC unit. Contacted Ocean Blue for clean up. Observed soill on AOA poor Cate 20. Contacted CAT and DL. Soill
Trasir-spill Airside	113/2008	06.49 Overhow water and sequiment/out from DE hydro unit. Contracted ocean blue for clean up, Observed spin of AGA near Gate 39. Contacted GAT and DE. Spin datamined to be water with section with section of the data and the data and the section of the data and the data and the data and the data and the section of the data and the section of the data and the data
Trash-Spill Airside	7/4/2008	determined to be watch with scaling it. Advised Humonimetal.
Potroloum Spill Airsido	7/7/2009	16:26 Alercaft vonted find aut wing. ASIC used absorbent and brows to clean up area. No storm drain involvement Environmental was advised. UPD generated conect
Petroleum-spin Airside	////2008	10.20 Anciant ventee fuel out wing. Asis used absorbent and brooms to clean up area, no storm drain involvement, Environmental was advised, neb generated report.
Sewage Spill	7/7/2008	06-30 WN reports that the grease trap pear G1/G2 is overflowing onto the ramp again. Host was called to respond and be reported that they well get the rooter contractor
Sewage Spin	11112000	out again to blast the line which appears to be clonged 09:00 Host reports that the rooter contractor is on site and remedying the problem that was instructed to clean up
		the dam to contain the flow when they are finished cleaning un
Trash-Spill Landside	7/8/2008	16:47 ATO reports there is broken class curbined country of the CT.
IDM	7/11/2009	3.07 Alerka bilines called to conset a bashiya an their ball leader at Cata 19. Notified Maintananas
IPWI	7/11/2008	13.07 Alaska Animies careful to report a beening on their bert rodger at careful or Normed Maintenance.
Petroleum-Spill Airside	//12/2008	21:26 Z3 reports rule split from Express Jet on C1: Z3 responding to investigate. 21:28 Z3 on site, contacted Express Jet mechanic who reported that while troubleshooting
Potroloum Spill Aircido	7/12/2009	a ruei leak from the right willing, he damaged a ruei flow control rod causing a leak.2
Petroleum-spin Airside	//12/2006	22:35 Landing AA Edge extining at twy 5-3 experienced a break failure waining wine taking to CT anity. Divertify adult line spined hold of not wheel producing shoke.
Potroloum-Snill Airside	7/18/2008	5 more disspaced after several minutes, individent with absolute t.22, 30 work of anis were an extended. A K-loader had suffered a broken bydraulic fluid solution of anis were an extended.
r etroleum-spin Anside	//10/2000	of anticide a second se
IPM	7/21/2008	12-09 DL reports there is a large amount of bees inhetween Gates 37 and 38. Notified MX
Dotroloum Spill Aircido	7/22/2009	21.40 United constraints of the subsection of th
Petroleum-spill Ali side	7/23/2008	
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
Defendence Conflict Alexander	7/05/0000	
Petroleum-Spill Airside	//25/2008	U7:56 American reported a hydraulic spill at Gate 31. Spill was about 3-4 galloins. 22 responded. IU: 10 loader was working a flight and hydraulic line blew resulting in leak
Potroloum Spill Aircido	7/26/2009	on the ramp. No drains were attended. HPD was not notified due to the small size.
recoleum-spiil Airside	1120/2008	22.3 The spin occurred at oate 23. Wis-communication between Asto fueler and ExeC Air Mechanic write performing a manual requeing operation on the right Wing of a lobbing fuely spin. Apply 15 galoes were spin occurred at oate 23.
IPM	7/30/2000	Decurse millios, repport i o ganullos welle spineto, no unanto antecleto. De 110 Southwest called in report a redent in the Scates 1 and 2 area. Notified Maintonanco
Tanah Caill Aisside	7/20/2000	20. To Oblights speed to toport a toport in the datas t and 2 drea. Numerical Menter lines.
Trash-Spill Airside	//30/2008	12:02 ridgship reports the trash comapcion hear AA is full. Contacted Allied waster. They will have someone out tomorrow. Notified 22 and Hagship 12:10 Flagship called
Trach Spill Aircido	0/1/2000	to report that the compactor at American Alfilles, 12E is overflowing or out or service.
Trasn-spill Airside	8/1/2008	07:10 sournwest caned to report that the trash completor by Gates F and 2 is full. Notified Alled Waste.
IPM	8/3/2008	12:24 ATO reports there is a dead rat curbside 11 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 Airsido	9/5/2009	Initial yard area (on Minchin Lano) had water lowing yard and crossing the street toward the storm drain. Employee said is was just water from washing down a niceo of
Trasii-spiii Airside	8/3/2008	United yald area (on whitship Lane) had water leaving yald and clossing the street toward the storm drain. Employee said is was just water from washing down a piece of organizes of
Trash-Spill Airside	8/5/2008	Equipment. Trash compactor by United Cargo Area bad a spill of trash in front of it (mostly cigarette butts)
Trash Spill Airsido	9/5/2009	The comparison by brack barrier and a provide the second of the arguing signature barrier.
	0/5/2000	12 connector area was tooking indepately messay with some trash on the ground.
Trash-Spill Airside	8/5/2008	07:30 HMS Host called to report the trash compactor in 12W is O1s. Notified Allied Waste.
	0///2000	ATO Supervisor called to report a large water spill curbside by the mail box. Notified Victor at Flagship.
Trash-Spill Landside	8/6/2008	······································
Trash-Spill Landside Trash-Spill Landside	8/6/2008	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	8/11/2008	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	8/0/2008 8/11/2008 8/12/2008	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	8/11/2008 8/12/2008 8/12/2008	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	8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	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	8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	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) Buck losed and open paint containers without secondary containment near Gate 3 (open containers from contractor2) (Southwest)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage	8/8/2008 8/11/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	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	8/8/2008 8/11/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	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 Improper Storage Improper Storage Improper Storage	8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	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 Improper Storage Improper Storage Improper Storage Improper Storage	8/0/2008 8/11/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	Oc: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 Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage	8/3/2008 8/11/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	OciS1 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)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Imprope	8/3/2008 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 8/12/2008	OciS1 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) Dry absorbent needs to be swept (American Airlines, Gate 32)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside	8/12/2008 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 8/12/2008	Oc: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) Dry absorbent needs to be swept (American Airlines, Gate 32) Absorbent under fuller turk and under other equipment _eed helter sweening of absorbent (ASIG)
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Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008	OciS1 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 pars (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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008	Oc: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 near Gate 3 (open containing an oily substance (United)         Open box of material near Gate 2 without secondary containment (Southwest)         GAT truck in cargo area needs drip pars (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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash spill, residue and staining after Gate 10 (Southwest)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside	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 8/12/2008 8/12/2008 8/12/2008	OciS1N totified 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 Timoo 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)         Dry absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash spill, residue and staining and parkentor to 10 (Southwest)         Dry absorbent, debris and staining on payement in cargo area (United)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008 8/12/2008	OciS1N tolfied 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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash can with no lid near Gate 13 (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash can with no lid near Gate 13 (Duited)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008 8/12/2008	OciS1N totified 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 near Gate 3 (open containing an only substance (United)         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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash spill, residue and staining on pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash spill, residue debris along the fince line in the (DI Post Office Building Parking Lot)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	OciS1N totified 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 Timoc 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)         Dry absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash pail, residue and staining an pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash pail, residue and staining on pavement in cargo area (United)         Trash spill, residue and staining on pavement in cargo area (United)         Trash spill, residue and staining on pavement in cargo area (United)         Trash spill, residue and staining on pavement in cargo area (United)         T
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Srash-Spill Airside Trash-Spill Airside Trash-Spill Airside Strash-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Strash-Spill Airside Trash-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	OciS1N totified 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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash snill, residue and staining on pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash can with no lid near Gate 13 (United)         Course difference line in the (Old Post Office Building Parking Lot)         Toist can with no lid near Gate 13
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Strash-Spill Landside Sewage/Triturator Spill Improper Storage	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008	Obs:11 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 near Gate 3 (open containing an oily substance (United)         Open box of material near Gate 2 without secondary containment (Southwest)         GAT truck in cargo area needs drip pars (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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash spill, residue and staining on pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash spill, residue and staining on pavement in cargo area (United)         Accumulated debris along the fince line in the (Old Post Office
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/15/2008 8/2/2008	OciS1N totified 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 Timoc 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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash sull, residue and staining an pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash sull, residue and staining on pavement in cargo area (United)         Trash sull, residue and staining on pavement in cargo area (United)         Trash can with no li dnear Gate 13 (United)         Accumulated debris along the fence line
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/15/2008 8/15/2008 8/20/2008 8/2/2008	Oci:S1 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)         Dry absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Dry absorbent, debris and staining on pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Dry absorbent debris along the fence line in the (Old Post Office Building Parking Lot)         Tash can with no lid near Gate 13 (United)         Dry absorbent debris along the fence line in the (Old Post Office Building Parking Lot)         Toile tapper debris around (Trifurator)         Open oil cans l
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008	OciS1N Otified 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 near Gate 3 (open containers from contractor?) (Southwest)         CAT truck in cargo area needs drip pans (Delta)         Near Gate 17, there are both Timco turbo oll containers left out, as well as a bucket containing an oily substance (United)         Drip pan under chemical dispenser near Gate 11 is full (United)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash spill, residue and staining on pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash spill, residue and staining on pavement in cargo area (United)         Accumulated debris along the fence line in the (OId Post Office Building Parking Lot)         Toilet paper debris aroud (Trifurator)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/15/2008 8/2/2/2008 8/2/2/2008	OciS1N totified 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 Timoc 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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining aron pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash can with no li dnear Gate 13 (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash sail, residue and staining on pavement in cargo area (United)         Trash can with no li dnear Gate 13 (United)         Accumulated debris along the fence line in the (Old Post Office Building Park
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/22/2008 8/22/2008	Obs:11 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 carge 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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash spill, residue and staining on pavement in cargo area (United)         Trash can with no lid near Gate 13 (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash can with no lid near Gate 13 (United)         Accumulated debris along the fence line in the (Old Post Office Building Parking Lot)         Toilet paper debris around (Triturator)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside Petroleum-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/22/2008 8/22/2008	OciS1N Otified 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 near Gate 3 (open containing an oily substance (United)         Open box of material near Gate 2 without secondary containment (Southwest)         CAT 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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash spill, residue and staining on pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Accumulated debris along the fence line in the (OId Post Office Building Parking Lot)         Toiblet paper debris aroud (Triturator)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008 8/22/2008 8/22/2008	OciS1N 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 pars (Delta)         Near Gate 17, there are both Timco turbo oil containers left out, as well as a bucket containing an oily substance (United)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash can with no lid near Gate 13 (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash can with no lid near Gate 13 (United)         Accumulated debris along the fence line in the (Old Post Office Building Parking Lot)         Tota can with no lid near Gate 13 (United)         Accumulated debris along the fence line in the (Old Post Office Building Parking Lot)         Toliet paper debris around (Triturator)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/22/2008 8/22/2008 8/22/2008	Ob:511 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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, 12 connector needs to be swept (HMS Host)         Trash split, residue and staining after Gate 10 (Southwest)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash split, residue and staining after Gate 10 (Southwest)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash split, residue and staining on pavement in cargo area (United)         Accumulated debris along the fence
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside Petroleum-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside Trash-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008	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 2 (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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash spill, residue and staining on pavement in cargo area (United)         Dry absorbent debris an staining on pavement in cargo area (United)         Trash can with no lid near Gate 13 (United)         Tash can with no lid near Gate 13 (United)         Courtualted debris along the fence line in the (Old Post Office Building Parking Lot)         Tollet paper debris around (Triturator)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008 8/22/2008 8/22/2008 8/27/2008	06:51 Nutified 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 (Southwest)         GAT truck in cargo area needs drip pans (Delta)         Near Gate 17, there are both Timce turbo oil containers left out, as well as a bucket containing an oily substance (United)         Drip pan under chemical disposer near Gate 1 is full (United)         Dry absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, T2 connector needs to be swept (HMS Host)         Trash spill, residue and staining on pavement in cargo area (United)         Dry absorbent, debris and staining on pavement in cargo area (United)         Crash spill, residue and staining on pavement in cargo area (United)         Collet rate with no lid near Gate 3 are leaking onto the ramp. Notified Plumber and Zebra 2.         Southwest called to report a lot of trash thrown by the wall near the cargo building next to the valet parking lot. Requested maintenance place a trash receptacle in the area.         Wire ports the portable restructors and state in trash compactors near SWA. Reported leak to Allied Waste for repair first thing i
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Landside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008	06:51 Nutified 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)         Dri pan under chemical dispenser near Gate 11 is full (United)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, 12 connector needs to be swept (HMS Host)         Trash spill, residue and staining on pavement in cargo area (United)         Dri paper debris anound the fonce line in the (Old Post Office Building Parking Lot)         Toile paper debris around (Iriturator)         open oil cans left on the back of an exec air truck         Lubricating oil cans and equipment left out next to Fedex office trailer         WN reports the portable restrooms at Gate
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside Sewage Spill	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008	06:51 Nutified 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 disponser near Gate 11 is full (United)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining anout it, 72 connector needs to be swept (HMS Host)         Trash spill, residue and staining on pavement in cargo area (United)         Trash spill, residue and staining on pavement in cargo area (United)         Trash spill, residue and staining on pavement in cargo area (United)         Trash spill, residue and staining on pavement in cargo area (United)         Trash spill, residue and staining on our not neet of the sub of Office Building Parking Lot)
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008	06:511 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 ol containers left out, as well as a bucket containing an oily substance (United)         Drip pan under chemical dispenser near Gate 11 is full (United)         Dry absorbent needs to be sweept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around it, 12 connector needs to be sweept (HMS Host)         Trash can with no lid near Gate 13 (United)         Accumulated debris along the fence line in the (Oid Post Office Building Parking Lot)         Toilet paper debris around (Triturator)         open of cans 1 effort on the ack of an exec air truck         Lubricating oil cans and equipment left out next to Fedex office trailer         WN reports the portable restoroms at Gate 3 and eaking onto
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside	8/12/2008 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 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008 8/20/2008 8/22/2008 8/27/2008 8/27/2008 8/29/2008	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 (Deta)         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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around It, T2 connector needs to be swept (HMS Host)         Trash split, residue and staining after Gate 10 (Southwest)         Dry absorbent, debris and staining ing neavement in cargo area (United)         Trash can with no lid near Gate 13 (United)         Accumulated debris around (Tirutaro)         open oil cans left on the back of an exec air truck         Lubricating oil cans and equipment left out next to Fedex office trailer <t< td=""></t<>
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008 8/22/2008	06:511 Notified by Environmental or 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 Cate 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 Cate 2 without secondary containment (Southwest)         GAT truck in cargo area needs drip pans (Delta)         Near Gate 17, there are both Timoo 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)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueller truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around It, 12 connector needs to be swept (HMS Host)         Trash split, residue and staining in pavement in cargo area (United)         Dry absorbent, debris and staining in pavement in cargo area (United)         Trash can with no lid near Gate 3 (United)         Crease trap has staining around (Triturator)         open oil can's left on the back of an exec air truck         Lubricating oil cans and equipment left out next to Fedex office trailer
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008 8/22/2008 8/27/2008 8/27/2008 8/27/2008 8/27/2008 8/27/2008 8/27/2008 8/27/2008	06.511 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 Gata 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 rear 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 (Della)         Near Gate 17, There are both Timo turbo oil containers left out, as well as a bucket containing an oily substance (United)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around It, T2 connector needs to be swept (HMS Host)         Trash spill, residue and staining on pavement in cargo area (United)         Ty absorbent nderbis around (Trifurator)         Open totals along the fence line in the (Old Post Office Building Parking Lot)         Tollet paper debris around (Trifurator)         Open totals extreme debris and and equipment left out next to Fedex office trailer         Wire ports the portable restromes at Gate 3 are leaking onto the ramp. Notified Plumber and Zebra 2.         Southwest
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Sewage Spill Trash-Spill Airside Trash-Spill Airside	3/7/2008 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 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008 8/20/2008 8/20/2008 8/20/2008 8/27/2008 8/29/2008 8/29/2008 9/2/2008 9/2/2008	06.511 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)         Aft truck in cargo area needs drip pars (Deta)         Near Gate 17, there are both Timco turbo oil containers left out, as well as a bucket containing an oily substance (United)         Drip and under chemical dispenser near Gate 11 is full (United)         Dry absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining around 1, T2 connector needs to be sweep! (HMS Host)         Trash spill, residue and staining an pavement in cargo area (United)         Dry absorbent, debris and ythe free line in the (Od Post Office Building Parking Lot)         Toilet paper debris around (Triturator)         open oil cans left on the back of an exec air truck         Lubricating oil cans net equipment left out next to Fedex office trailer         WN reports the partable restrooms at Gate 3 are leaking onto the ramp. Notified Plumber and Zebra 2.
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Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Trash-Spill Airside Sewage Spill Trash-Spill Airside Sewage/Triturator Spill Petroleum-Spill Airside Sewage/Triturator Spill Petroleum-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008 8/22/2008 8/27/2008 8/27/2008 8/27/2008 9/2/2008 9/2/2008 9/2/2008 9/2/2008 9/2/2008	06.511 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 pars (Deta)         Near Gate 17, there are both Timco turbo oil containers left out, as well as a bucket containing an oily substance (United)         Dry absorbent needs to be swep() (American Aritines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining on pavement in cargo area (United)         Dry absorbent under fueler struck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining on pavement in cargo area (United)         Dry absorbent detris along the free line in the (Od Post Office Building Parking Lot)         Toilet paper debris aroung (Triturator)         open oil cans left on the back of an exec air truck         Lubricating oil cans and equipment fiel out next to Fedex office trailer         WN reports the portable re
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside	8/72/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/15/2008 8/15/2008 8/20/2008 8/22/2008	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.       Brockn sandbags near Gate 3 (Southwest)         Rods nandbags near Gate 3 (Southwest)       Red storage cart without lid (American Eagle)         Livardory frucks 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 dip 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)         Dry absorbent needs to be swept (American Arlines, Gate 32)       Absorbent of fueler truck and under other equipment, need botter sweeping of absorbent (ASIG)         Grease trap has staining group the requipment, needs to be swept (HMS Host)       Trash spill, residue and staining on pavement in cargo area (United)         Trash can with no id near Gate 13 (United)       Dry basorbent, debris and staining on pavement in cargo area (United)         Dry absorbent on the back of a neake: air truck       Lubricating oil cans and equipment left out next to Fedex office trailed         Ubricating oil cans and equipment left out next to Fedex office trailed       Lubricating oil cans and equipment left on GSE.
Trash-Spill Landside Trash-Spill Landside Construction Maintenance Improper Storage Improper Storage Improper Storage Improper Storage Improper Storage Trash-Spill Airside Sewage/Triturator Spill Petroleum-Spill Airside Trash-Spill Airside	8/12/2008 8/11/2/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/12/2008 8/20/2008 8/20/2008 8/25/2008 8/25/2008 8/25/2008 8/25/2008 8/27/2008 8/27/2008 8/27/2008 8/27/2008 9/15/2008 9/15/2008 9/15/2008 9/15/2008 9/15/2008 9/15/2008 9/15/2008	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 teak.         Brockn sandbags near Gate 3 Gouthwest)         Red storage cart without lid (American Eagle)         Livatory tucks have open bucket on the back of truck (Express Jet)         Both Cosed 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 near Gate 3 (open containing an oily substance (United)         Drip pan under pains (Detta)         Drip pan under near Gate 11 St III (United)         Drip pan under near Gate 11 St III (United)         Dry absorbent needs to be swept (American Airlines, Gate 32)         Absorbent under fueler truck and under other equipment, need better sweeping of absorbent (ASIG)         Grease trap has staining and III 2 connector needs to be swept (HMS Host)         Dry absorbent, debris and staining na pavement in cargo area (United)         Trash can with no lift near Gate 13 (United)         Crease trap has adulting after Gate 10 (Southwest)         Dry absorbent, debris and staining on pavement in cargo area (United)         Trash can with no lift near Gate at 13 (Inited)         Accumulated debris along the fence line in the (Ot Pest Office Building Parking Lot)         Accumulated debris and privation list

#### FY08-09 Illicit Discharge Detection and Elimination Report Log

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.
Potroloum Spill Landsido	9/20/2009	10.46 ATO report to a public of all public of all public tones the Paol forms ton. Advised MX
retroiedin-spin Eandside	9/20/2008	10-40 Fibre and Fibre is a public of curbine in their the Keu bus step. Advised MA.
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
		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 Airsido	10/14/2009	Hest Crosse transferred and the second statement of th
Treak Call Airoide	10/14/2008	Tost - Greate rady door fet open, debris and stanting of ground
Trasn-spill Airside	10/14/2008	Southwest end or gate 5 blue fuce 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.
Trash-Spill Airside	10/27/2008	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	11/12/2009	2 drip page with solied kitty litter were left out porth side of runway by vehicle gate P-04R
Sowage Spill	11/12/2008	z one parts mini sonice mity miter instruction in successful and by venue gater roles
sewage spill	11/13/2008	11.1.5 A sewage coming out of winglet blog was reported. Environmental was auvised. 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.
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
		stored properly.
Improper Storage	11/18/2008	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 "hone vard" dumpster
Trash Spill Airside	11/10/2000	access and track and debuils contracted in the linked maintenance chan area
Trasn-spill Airside	11/18/2008	observed trash and debits 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
		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 rart drinning between gates 25 and 23 (american airline gates)
Treak Call Airoide	11/21/2008	DAL Global - maain car unipping between gates 23 and 23 (anierican anime gates)
	11/24/2008	Stating/material an over ground and ramp by rubber removal dumpster (adcated next to all trainc 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 lay
5 .		tank.
Petroleum-Spill Airside	12/12/2008	fresh oil on ramp at United gate 12
Trash-Spill Airside	12/12/2008	trash compactor area between commuter terminal and terminal 1 needs to be cleaned up. Large debris and grime around dumpsters.
Trash-Spill Airside	12/12/2008	on 12/17/08 by US Air date 33 - an emergency eve washing station was being used for band washing. A significant amount of water bad run onto the ramp area and a
Trash-spin Anside	12/12/2000	on the term book in gate so and endogency eje was imply acta of many was internet was imply. A significant amount of water had rain onto the rainplated and a hottle of hand soan was observed there. Same situation was observed again on 177/09
Sewage/Triturator Spill	12/23/2008	11:25 am - Trail of toilet paper debris was observed on the exit end of the triturator
Potroloum Spill Airsido	1/2/2000	a constance located by the runway lighting yould wore observed with stains from looking beneath them. Constants need drip page
Troch Spill Arrida	1/2/2009	a generative rotation of the service
	1/5/2009	AL soutriwest gate 4 a rarge spill of what appeared to be milk was observed
Trash-Spill Airside	1/5/2009	trash compactor area was looking messy. Pallets, plastic bins, and drums were left out there.
Sewage/Triturator Spill	1/6/2009	12:27 Requested Maintenance response to the triturator following a call from DGS who started the chain to activate the water was broken.
Petroleum-Spill Airside	1/13/2009	10:00 Delta evidence of oil stains and absorbent at Gate 40.
Trash-Spill Airside	1/13/2009	Trash and debris outside the dumpster located in the bone yard area
Sewage/Triturator Spill	1/16/2009	14:00 Trituator evidence of toilet paper runoff
Trach Spill Aircide	1/22/2007	Decenced accumulated task and entry here along the left side of track comparing area. Objet and callete uses along the left side of track and entry along the left side of track and the left side of the left sid
	1/23/2009	Upper ved accumulated mash and grinte along me len side or trash compactor area. Chairs and patiets were also lent out in this area.
rash-Spill Airside	1/26/2009	united Operations reported a bucket full of primer fell off top of jetway 15 and clean-up needed. Notified ELS.
Improper Storage	1/28/2009	a soiled drip pan was left out when not in use by Landmark Aviation.
Petroleum-Spill Airside	1/28/2009	Many puddles of an oily substance were observed along the lead in line at gate 22 at 4:12pm. One area had some absorbent on it but the other areas were not addressed.
Trash-Spill Airside	1/28/2009	trash and bottles have accumulated on top of the storm drain that is located across from the triturator, behind the blast fence.
IPM	2/2/2009	21:18 Cramer's reported they trapped a rat and it's in a trash bag and container. They requested pick-up. Notified MX1.
Trash-Spill Landside	2/2/2009	20:14 SOC reported a broken sprinkler at the main gate for TDY. Notified MX.
Seware/Triturator Spill	2/2/2000	8-18 Anu Fleet reported the triturator drain was holized blumber 2
	21212009	on roman neu neu romano una mana vas progen, invinció Friunde Z.
IPW	2/4/2009	p:p: and what an anagship dispatched to 12 w curbside for a rat skycaps had captured in a trash can.
IPM	2/4/2009	6:10 am ATO reported a dead bird curbside near the crosswalk in T2. Flagship advised.
Trash-Spill Landside	2/10/2009	12:29 pm ATO reported anti-freeze spill curbside T2 baggage claim. Notified MX-1
Trash-Spill Airside	2/13/2009	A lot of small trash has accumulated throughout the bone yard and adjacent dumpster area. Large debris are around the dumpsters.
Trash-Spill Airside	2/14/2009	9:47 am Flagship reports the dumpster near gate 23 is full. She was advised to use the others near the Fast ramp.
Trash-Spill Airside	2/14/2000	2.20 an Elarghin reported that the Host loading dock track compactor is not working reported to be been polified and will seepand
Trash-spill All side	· ////////////////////////////////////	rease and reasoning reported that the root toauning dock trash compactor is not working, contractor has been notified and will respond.
Tarak Call Alashi	0/40/0000	10.47 mm Floreshi and the back consistence AAI's OTC One to the March March 1
Trash-Spill Airside	2/19/2009	12:47 pm Flagship reports the trash compactor by AA is OTS. Contacted Waste Management.
Trash-Spill Airside Construction Maintenance	2/19/2009 2/20/2009	12:47 pm Flagship reports the trash compactor by AA is OTS. Contacted Waste Management. Trash has accumulated by gate 1A. Debris in this area needs to be properly disposed of.
Trash-Spill Airside Construction Maintenance Petroleum-Spill Airside	2/19/2009 2/20/2009 2/21/2009	12:47 pm Flagship reports the trash compactor by AA is OTS. Contacted Waste Management. Trash has accumulated by gate 1A. Debris in this area needs to be properly disposed of. 7:57 am ASIG reports a fuel spill at Gate 26 and the fuel is leaking from the aircraft. Zebra 2 & ARFF were notified. At 8:08, Zebra 2 estimated it was a 5-gallon spill.
Trash-Spill Airside Construction Maintenance Petroleum-Spill Airside	2/19/2009 2/20/2009 2/21/2009	12:47 pm Flagship reports the trash compactor by AA is OTS. Contacted Waste Management. Trash has accumulated by gate 1A. Debris in this area needs to be properly disposed of. 7:57 am ASIG reports a fuel spill at Gate 26 and the fuel is leaking from the aircraft. Zebra 2 & ARFF were notified. At 8:08, Zebra 2 estimated it was a 5-gallon spill.
Trash-Spill Airside Construction Maintenance Petroleum-Spill Airside Improper Storage	2/19/2009 2/20/2009 2/21/2009 2/23/2009	12:47 pm Flagship reports the trash compactor by AA is OTS. Contacted Waste Management. Trash has accumulated by gate 1A. Debris in this area needs to be properly disposed of. 7:57 am ASIG reports a fuel spill at Gate 26 and the fuel is leaking from the aircraft. Zebra 2 & ARFF were notified. At 8:08, Zebra 2 estimated it was a 5-gallon spill. Alaska Air - FOD trash can without a lid at Gate 16 and a trash can without a lid by gate 18
Trash-Spill Airside Construction Maintenance Petroleum-Spill Airside Improper Storage Improper Storage	2/19/2009 2/20/2009 2/21/2009 2/23/2009 2/23/2009	12:47 pm Flagship reports the trash compactor by AA is OTS. Contacted Waste Management. Trash has accumulated by gate 1A. Debris in this area needs to be properly disposed of. 7:57 am ASIG reports a fuel spill at Gate 26 and the fuel is leaking from the aircraft. Zebra 2 & ARFF were notified. At 8:08, Zebra 2 estimated it was a 5-gallon spill. Alaska Air - FOD trash can without a lid at Gate 16 and a trash can without a lid by gate 18 ELS - buckets of roof coating solution were stored without secondary containment at Gate 15

FY08-09 Illicit Discharg	e Detection and Elimin	ation 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
Improper Storage	2/26/2009	9-56am Empty IIS dir trash carts were tiped over and liquid was leaking from them. Motor oil and other supply hottles peed better secondary containment (htw gates 32-
Improper Storage	2/26/2009	36). They are currently just stored under the stairs. 9-15am - Eventtia Air - Dimmes were observed heins stored outside without secondary containment. Sinke with employee onsite and drums were immediately relocated
Dutedowe Cell Alasida	2/20/2007	
Petroleum-Spill Airside	2/26/2009	7:04 Tower reported UAL/37-300, 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 closed Twy B between B5 and B6 for clean-up. Spill is approx. 5-10 gallons of hydraulic fluid.
Trash-Spill Airside	2/26/2009	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	9:42AM Northwest Airlines - no lids on several trashcans 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-nallon. Contacted ATS manager. ATS determined that it wasn't
IPM	3/11/2009	Li opin test man i generit estimates in managen into determinante dan i managen i managen i managen i managen i managen i managen i manag
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 vomit curbside WN check-in. Notified Flagship.
Petroleum-Spill Landside	3/13/2009	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.
Trash-Spill Landside	3/17/2009	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	13:27 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	3/26/2009	11:54 ATO reported a spill curbside at the CT. Notified Flagship.
Trash-Spill Landside	3/27/2009	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 publics which are the DD and SDFD entropy of the second s
Trash-Spill Airside	3/20/2000	Venicles. MPR, DLO, VPD, LP1 advised.
Improper Storage	1/2/2000	1:20m Aliad Aviation Nood to provide scenario and moment for fuel cart(c) and stored chomicals (e.g. put on a pallot), and provide cover for material storage area
improper storage	4/3/2007	Also, before fire hydrant testing, sweep/clean surfaces and/or bern storm drains to prevent runoff.
Petroleum-Spill Landside	4/6/2009	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, and perform regular inspections to ensure there are no leaking fluids,
Improper Storage	4/10/2009	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, there is a clockille of metal have an avoided pollet outdoors. Properly dispose of them
IPM	4/10/2009	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 tabe. 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
Impropor Storago	4/14/2000	outside the maintenance shop is not fully covered. 3) A battery without secondary containment.
Improper Storage	4/14/2009	5.00 and Landinitark - The wasked used on Lankis Nitor summers and any once and reproduce weeting to balance the result of the data.
Improper storage	4/10/2009	2. Odani os Ali - rij some razarudus waste and waste dni sonage drams were no provperi jaceled. Zji Need to provide imely disposa or accumulated nazarudus waste to prevent overflow of waste, and keep waste containers covered. 3) Evidence of splitis/Paks.
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 shon by nate 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 and a store and stored and bags next to the storm drain behind ARFF building need to be replaced.
Improper Storage	4/29/2009	orden to preven accountering reds from reduling the storm fundit. • Otobar Fedra - Covers for FDCO dimensions version open. Tids should be kept closed at all times, excent for when trash disposal is taking place.
Petroleum-Spill Airside	5/11/2009	19-10 Southwest aircraft at Gate 5 leaking hydraulic fluid on richt main, producing smoke smoke disknated unon 7-2 arrivals. Jess than 1 at fluid 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	5/20/2009	20:52 Southwest staff reported Northwest spilled a container of pamphlets at Gate 5, East Ramp area. Zebra 2 on-site.
Trash-Spill Airside	5/20/2009	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	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 LPI requested that trash cans be emptied on the transportation island of T2. Flagship notified.
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.
IPM	6/7/2009	INOTIFIED WASTE MANAGEMENT. 11:56 GS-1 gate called to advise she has a swarm of bees circling her area. Notified MX.
IPM	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
. J		of the storm drains but did flow to the perimeter fence. 2230-Left 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;
		was contained between the fences and divinummental, spin migrated to localizer building, across perimeter road and under the perimeter rence; no drains in the area; spill was contained between the fences and did not reach the Solar parking lot.
Trash-Snill Landside	6/27/2009	10:03 TI ATO reports a trash can overflowing at the Alaska Airlines (AS) Curbside Cherk-in Notified Flagshin
Trash-Spill Landside	6/29/2009	450 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

(NAD 83 decimal degrees to 5th place)         Site D       (Pd01-1       Latitude       32.73257       Site D       (Pd01-1       Latitude       32.73257       Site D       Control of the basin near DHL area       Longitude       117.17969       Site D        Site D			x Routine Inv	vestigation			/ID Follow-U	p Fo	r		_		
Site DD       CB01-1       Latitude       32.72257       Figure       Hydrologic Area       908         Location       Catch basin near DHL area       Longitude       -117.17969       Figure       Hydrologic Area       908.2         Date       527.72009       TB Page       1288 H1       Disclarge Area       908.2         Land tes (Primary) (Check one onth)       Residential       Commercial       x Industrial       Agricultural       Parks       Open         Land tes (Secondary) (Check one onth)       Residential       Commercial       x Industrial       Agricultural       Parks       Open         Conveyance (Check one onth)       Bandbalo       Commercial       x Industrial       Agricultural       Parks       Open         Tide       Stany       Parky Cloady       Yowerst       Fog       Nanual Cock       Formation       Nanual Cock       Formation         Color       None       Parky Cloady       Yowerst       Fog       Outpoing       Tide Height:1.40.         Last Rain       X None       Parky Cloady       Yowerst       Fog       Outpoing       Tide Height:1.40.         Last Rain       X None       Parky Cloady       Yowerst       Fog       Outpoing       Tide Height:1.40.	GENERAL	SITE DESCRIP	TION		(NAD 83	decimal degr	ees to 5th place	e)					
Location       Catch basin near DHL area       Longitude       -117.17969       Page       Page <th< th=""><th>Site ID</th><th>CB01-1</th><th></th><th></th><th>Latitude</th><th>32.7325</th><th>57</th><th>Wa</th><th>Hydrolog</th><th>gic Unit</th><th>90</th><th>8</th><th></th></th<>	Site ID	CB01-1			Latitude	32.7325	57	Wa	Hydrolog	gic Unit	90	8	
Date         5/27/2009         TB Page         128 H1         L         Mightongic Subarca (Optional)         98.21           Time         8:06         Observer         KG, AH         Discharge Area (Optional)         0,0en           Land Use (Primary) (Check one on Ny)         Residential         Commercial         x Industrial         Agricultural         Parks         0,0en           Land Use (Secondary (Check one on Ny)         Residential         Commercial         x Industrial         Agricultural         Parks         0,0en           Commercial         x Industrial         Optional, generation         Commercial         x Industrial         Parks         0,0en           Concurse         Manhole         x Catch Basin         Outer         Concurse         Natural Creek         Earthen Channel           ATMOSPHERIC CONDITIONS         Manhole         x Catch Basin         Outer         Natural Creek         Earthen Channel           Mathole         x Catch Basin         Outer         Fog         Natural Creek         Catrinet         Other         Natural Creek         Catrinet         Natural Creek         Catrinet         Natural Creek         Catrinet         Other         Other         Other         Other         Other         Other         Other         Other	Location	Catch basin near	r DHL area		Longitud	e -117.17	969	tersh	Hydrolog	gic Area	90	8.2	
Time         8:06         Observer         KG, AH         Discharge Area (Optional, greater Area) (Optional, greater Area)           Land Use (Primary) (Check one only)         Residential         Commercial         x Industrial         Agricultural         Parks         Open           Land Use (Secondary) (Optional, greater Am 10%)         Residential         Commercial         x Industrial         Agricultural         Parks         Open           Convergence (Check one only)         Manhole         x Catch Basin         Outlet         Concrete Channel         Natural Creek         Earthen Channel           ATMOSPHERIC CONDITIONS	Date	5/27/2009			TB Page	1288 H	1	ed	Hydrolog (Optional	gic Subaro	<b>ea</b> 90	8.21	
Land Use (Primary) (Check one one only)       Residential       Commercial       x Industrial       Agricultural       Parks       Open         Land Use (Secondary) (Openonin, greater than 10%)       Residential       Commercial       x Industrial       Agricultural       Parks       Open         Check one only)       Mathole       x Catch Basin       Outet       Channel       Description         ATMOSPHERC CONDITIONS	Time	8:06			Observer	KG, AI	ł	Dis (Op	charge Areational)	a			
Land Sci (Secondary) (Optional, greater than 10%)       Residential       Commercial       x Industrial       Agricultural       Parks       Open         Concregate (Check one only)       Manhole       x Catch Basin       Outlet       Concrete Channel       Natural Creek       Earthen Channel         ATMOSPHERIC CONDITIONS       Statch Basin       Outlet       Concrete Channel       Natural Creek       Earthen Channel         ATMOSPHERIC CONDITIONS       Weather       Now       x Nore       Fog       Tide       Natural Creek       Earthen Channel         ATMOSPHERIC CONDITIONS       Weather       Now       x Nore       Fog       Tide       Fog         Rainfall       X None       Cours       None       Cours       Tide Height:1.4 ft.         Rainfall       X None       Cours       None       Matty       Pogage       Other       Cours         Roton       None       Matty       Roten Eggs       Chemical       Sewage       Other       Togage         Color       None       Matty       Roten Eggs       Chemical       Sewage       Other       Togage         Vegetation       None       Stein       Bibbles/Foam       Steins       Other       Togage         Flow Observed	Land Use (Pr (Check one or	<b>imary)</b> nly)	🗆 Residentia	l 🗆 Com	nercial	x Industrial	□ Agricultur	al	□ Parks		🗆 Open		
Convegance (Check one only)         Manhole         x Catch Basin         Outlet         Concrete Channel         Natural Creek         Earthen Channel           ATMOSPHERIC CONDITIONS	Land Use (Se (Optional, gre	econdary) ater than 10%)	□ Residentia	l 🗆 Com	nercial	x Industrial		al	□ Parks		🗆 Open		
ATMOSPHERIC CONDITIONS         Weather       Sumy       Partly Cloudy       x Overcast       Fog         Tide       N/A       Low       x Incoming       High       Outgoing       Tide Height:1.4ft.         Last Rain       X > 72 hours       < < 0.1"	Conveyance (Check one or	nly)	□ Manhole	x Catch	Basin	□ Outlet	□ Concrete Channel		□ Natural	Creek	□ Earthen	Channel	
Weather          Summy          Partly Cloudy       x Noremain          Figh       Outgoing       Tide Height:1.4ft.         Last Rain       X None       < < 72 hours	ATMOSPH	ERIC CONDIT	IONS										
Tide       □/A       □Low       x Incoming       □ High       □ Outgoing       Tide Height:14ft.         Last Rain       X > 72 hours       < 72 hours	Weather	□ Sunny	□ Partly Clo	udy x Overc	ast	🗆 Fog							
Lask radii       X None       <	Tide	$\square$ N/A	$\Box$ Low	x Incon	ning	🗆 High	Outgoing		Tide Heig	ht:1.4	ft.		
RUNOF CHARACTERISTICS         Odor       x None       Musty       Rotten Eggs       Chemical       Sewage       Other	Last Kain Rainfall	A > /2 nours X None	$\Box < 12$ nours	$\Box > 0.1$	,								
Odor       x None       Musty       Rotten Eggs       Chemical       Sewage       Other         Color       None       x Yellow       Brown       White       Gray       Other         Clarity       Clear       x Stightly Cloudy       Opaque       Gray       Other       Other         Eloatables       None       Trash       Bubbles/Foam       Sheen       Fecal Matter       Other       Other         Deposits       X None       Sediment/Gravel       Fine Particulates       Stains       Oily Deposits       Other       Other         Bology       x None       Limited       Normal       Excessive       Other       Other       Other         Biology       x None       Limited       Normal       Excessive       Other       Other       Other         Biology       x None       Limited       Normal       Excessive       Mussels/Barnacles       Other       Other         Flow Observed       Yes       No       x No       Irrigation Runoff       Other:	RUNOFF (	THARACTERIS'	□ < 0.1 TICS	$\Box > 0.1$									
Color       None       X Yely       Brown Lege       Other       Other         Clarity       Clear       X Slightly Cloudy       Opaque       Other       Other         Clarity       Clear       X Slightly Cloudy       Opaque       Other       Other         Postables       None       Imited       Brown Lege       Other       Other         Postables       None       Imited       Normal       Excessive       Other       Other         Biology       x None       Imited       Normal       Excessive       Other       Other         Biology       x None       Imsects       Algae       Snails/Fish       Mussels/Barnacles       Other         Flow Observed       Yes       No       x 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:	Odor	x None			en Eggs	Cher	nical		vage	Г	Other		
Clarity       Clear       x Slightly Cloudy       Opaque       Other       Other         Floatables       None       Trash       Bubbles/Foam       Sheen       Pecal Matter       x Other       Organic         Deposits       X None       Stains       Oily Deposits       Other       Other       Organic         Vegetation       x None       Limited       Normal       Excessive       Other       Other         Biology       x None       Insects       Algae       Snaits/Fish       Mussels/Barnacles       Other         Flow Observed       Yes       No       x 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:	Color		x Yellow		wn	□ Whit	e	$\Box$ Gra	IV		Other		
Floatables       None       Trash       Bubbles/Foam       Sheen       Fecal Matter       x Other       Organice         Deposits       X None       Sediment/Gravel       Fine Particulates       Stains       Oily Deposits       Other         Biology       x None       Insects       Algae       Snails/Fish       Mussels/Barnacles       Other         Biology       x None       Insects       Algae       Snails/Fish       Mussels/Barnacles       Other         Flow Observed       Yes       No       x Ponded       Tidal         Does the storm drain flow reach the Receiving Water?       Yes       x No       N/A         Evidence of Overland Flow?       Yes       x No       Irrigation Runoff       Other:	Clarity			x Slig	htly Cloudy		lue	_ 010	.,		Other		
Deposits       X None       Sediment/Gravel       Fine Particulates       Stains       Oily Deposits       Other         Vegetation       x None       Limied       Normal       Excessive       Other         Biology       x None       Insects       Algae       Snails/Fish       Mussels/Barnacles       Other         Flow Observed       Yes       No       x Ponded       Tidal         Does the storm drain flow reach the Receiving Water?       Yes       x No       N/A         Evidence of Overland Flow?       Yes       x No       Irrigation Runoff       Other:	Floatables	□ None	□ Trash	🗆 Bub	bles/Foam	□ Shee	n	□ Fec	al Matter	х	c Other	Organi	cs
Vegetation       x None       Limited       Normal       Excessive       0ther         Biology       x None       Insects       Algae       Snails/Fish       Mussels/Barnacles       0ther         Flow Observed       'Yes       No       x 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:         Photo Taken       x Yes       No       Photo #	Deposits	X None	□ Sediment/Grave	1 🗆 Fine	Particulates	🗆 Stain	S	🗆 Oil	y Deposits		Other		
Biology       A Hole       Inserts       A gate       Inserts in the set of the sector of	Vegetation	x None	Limited	□ Nor	mal	□ Exce	ssive	□ M.,	aaala/Damaal		Other		
Flow obset real       Fies       For a rotate       Field         Does the storm drain flow reach the Receiving Water?       Yes       x No       N/A         Evidence of Overland Flow?       Yes       x No       Irrigation Runoff       Other:	Flow Obser		$\Box$ Mo v Por	⊔ Aig. aded □ Tid	al		5/11511		SSEIS/ Dai Hach	<b>cs</b> _			
Does the storm utain now reach the Receiving water.       Ites       X No       Ites       X No       Ites       X No         Evidence of Overland Flow?       Yes       X No       Irrigation Runoff       Other:	Doos the ste	rm drain flow r	and the Deceivir	ng Water?	ai		v No						
Evidence of Overland Flow?       Yes       x No       Irrigation Runoff       Other:	Does the stu			ig water:			X INO						
Photo Taken         x Yes         No         Photo #	Evidence of	Overland Flow?	$\square$ Yes	x No	Irrigation R	unoff	Other:						
No         Water Temp (°C)       21       NH3-N (mg/L)       .6       NO3-N (mg/L)       0       React PO4 (mg/L)       .6         pH (pH units)       7.3       TURB (NTU)       7.5       COND (mS/cm)       .588       MBAS (mg/L)       .75         FLOW ESTIMATION WORKSHEETS         Flowing Creek or Box Culvert       Filling a Bottle or Known Volume       Flowing Pipe         Width       Ft       Volume       mL       Diameter       Ft       Depth       Ft       Depth       Ft       Depth       ft/sec       Flow       gpm       Velocity       ft/sec       Ft       Depth	Photo Take	n x Yes	□ No Phot	o #									
Water Temp (°C)       21       NH3-N (mg/L)       .6       NO3-N (mg/L)       0       React PO4 (mg/L)       .6         pH (pH units)       7.3       TURB (NTU)       7.55       COND (mS/cm)       .588       MBAS (mg/L)       .75         FLOW ESTIMATION WORKSHEETS         Flowing Creek or Box Culvert       Filling a Bottle or Known Volume       Flowing Pipe         Width       Ft       Volume       mL       Diameter       Ft         Velocity       ft/sec       Flow       ggm       Ft       Velocity       ft/sec         Flow       ggm       Collected?       Yes       No       No         O&G       Chlorpy.       Pb (ug/L)         Mathews       Total Col.       Diazanon       Chlorpy.       Pb (ug/L)       Zn (ug/L)	ield Screeni	ng Samples Coll	ected? x Yes	□ No									
pH (pH units)     7.3     TURB (NTU)     7.55     COND (mS/cm)     .588     MBAS (mg/L)     .75       FLOW ESTIMATION WORKSHEETS       Flowing Creek or Box Culvert     Filling a Bottle or Known Volume     Flowing Pipe       Width     Ft     Volume     mL     Diameter     Ft       Depth     Ft     Flow     ggm     Diameter     Ft       Velocity     ft/sec     Flow     ggm     Ft       Flow     ggm     Grad     Ft     Phown     ggm       Analytical Laboratory Samples Collected?     I Yes     No       O&G     Chlorpy.     (ug/L)       Hardness     Total Col.     Diazanon     Chlorpy.     Ph (ug/L)	Water Temp	(°C) 21		H3-N (mg/L)	.6	NO	<b>3-N</b> (mg/L)	0		React PO	4 (mg/L)	.6	
FLOW ESTIMATION WORKSHEETS         Flowing Creek or Box Culvert       Filling a Bottle or Known Volume       Flowing Pipe         Width       Ft       Volume       mL       Diameter       Ft         Depth       Ft       Volume       mL       Depth       Ft         Velocity       ft/sec       Flow       gpm       Depth       Ft         Flow       gpm       Flow       gpm       Velocity       ft/sec         Flow       gpm       Flow       gpm       Plow       gpm         Analytical Laboratory Samples Collected?       Yes       No       No       Pb (ug/L)       Pb (ug/L)         Mardness       Total Col.       Diazanon       Cd (ug/L)       Zn (ug/L)       Zn (ug/L)	pH (pH units	) 7.3	Г	URB (NTU)	7.55	CO	ND (mS/cm)	.588		MBAS (m	ng/L)	.75	
Flowing Creek or Box Culvert     Filling a Bottle or Known Volume     Flowing Pipe       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     ft/sec       No     Sec     Flow     gpm     gpm	FLOW EST	IMATION WO	RKSHEETS										
Width         Ft         Volume         mL         Diameter         Ft           Depth         Ft         Time to Fill         sec         Depth         Ft           Velocity         ft/sec         Flow         gpm         Velocity         ft/sec           Flow         gpm         Image: Sec s	Flowi	ng Creek or Box C	ulvert	Fi	ling a Bottle	or Known Vol	ume			Flowin	ng Pipe		
Depth     Ft     Time to Fill     sec     Depth     Ft       Velocity     ft/sec     Flow     gpm     Velocity     ft/sec       Flow     gpm     Image: Sec     Velocity     ft/sec       Flow     gpm     Image: Sec     Flow     gpm       Analytical Laboratory Samples Collected?     Image: Sec     No     Pb (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)	Width		Ft	Volume			mL		Diameter			Ft	
Velocity         ff/sec         Flow         gpm         Velocity         ff/sec         ff/sec           Flow         gpm         Image: second se	Depth		Ft	Time to Fill			sec		Depth			Ft	
Flow     gpm       Image: constraint of the second s	Velocity		tt/sec	Flow			gpm	┥┝	velocity			tt/sec	
Analytical Laboratory Samples Collected?       □ 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)	Flow		gpm						Flow			gpm	
U&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)	analytical La	aboratory Sampl	es Collected?	□ Yes			~ .					1	
Hardness     Total Col.     Diazanon     Cd (ug/L)     Zn (ug/L)	O&G (mg/L)		Entero. (MPN/100mL)		Fecal Col. (MPN/mL)	•	Chlorp (ug/L)	у.		Pb (	ug/L)		
(mg/L) (MPN/100mL) (ug/L)	Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/l	L)		Zn (	ug/L)		
	-	· · · · · · · · · · · · · · · · · · ·					÷		·			·	

		x Routine Inv	estigation		IC/II	) Follow-Up	For			
GENERAL	SITE DESCRIPT	ION		(NAD 83 (	decimal degrees	to 5th place)				
Site ID	CB03-2			Latitude	32.72864		Wat	Hydrologic Uni	t 90	8
Location	East End of runwa	y near blast fen	ce	Longitude	-117.1784	3	ersh	Hydrologic Are	<b>a</b> 90	8.2
Date	5/27/2009			TB Page	1288 JI		ed	Hydrologic Sub (Optional)	oarea 90	8.21
Time	0846			Observer	KG, AH		Disch (Opti	n <b>arge Area</b> onal)		
Land Use (P (Check one o	r <b>imary)</b> nly)	Residentia	l Comn	nercial	x Industrial	Agricultural		Parks	Open	
Land Use (S (Optional, gr	econdary) eater than 10%)	Residentia	l Comr	nercial	x Industrial	Agricultural		Parks	Open	
(Check one o	only)	Manhole	x Catch	Basin	Outlet	Channel		Natural Creek	Earthen	Channel
ATMOSPI	HERIC CONDITION	DNS								
Weather Tide Last Rain	Sunny N/A > 72 hours	Partly Clos Low < 72 hours	udy x Overc x Incom	ast ling	Fog High	Outgoing		Tide Height:1	<b>.4</b> ft.	
Rainfall	x None	< 0.1"	> 0.1'	,						
RUNOFF	CHARACTERIST	ICS								
Odor Color	None	Musty Vellow	Rott	en Eggs	Chemic White	al	Sewa	ige	x Other x Other	<u>seawater</u> seawater
Clarity -	x Clear	renow	Slig	htiy Cloudy	Opaque		Giay		Other	
Floatables	x None	Trash Sodimont/Crow	Bub I Fine	bles/Foam	Sheen		Feca	l Matter	Other	
Vegetation	x None	Limited	Nor	mal	Excessi	ve	Olly		Other	
Biology	x None	Insects	Alg	ae	Snails/F	Fish	Mus	sels/Barnacles	Other	
Flow Obse	rved Yes	No Po	nded x Tid	al						
Does the st	torm drain flow rea	ach the Receivin	ng Water?		Yes	No x	N/A			
Evidence o	of Overland Flow?	Yes	x No	Irrigation Ru	unoff Otl	her:				
Photo Tak	en x Yes	No Phot	io #							
Field Screer	ning Samples Colle	cted? Yes	No			an.				
Water Tem	p (°C)	1	<b>NH3-N</b> (mg/L)	Ļ	NO3-N	N (mg/L)		React	PO4 (mg/L)	
<b>pH</b> (pH uni	ts)	]	TURB (NTU)	<u> </u>		) (mS/cm)		MBAS	S (mg/L)	
FLOW ES	TIMATION WOR	KSHEETS								
Flow	ving Creek or Box Cu	lvert	Fi	lling a Bottle	or Known Volun	ne mi	ורד	Flo	owing Pipe	fr
Depth		ft	Time to Fill			sec		Depth		ft
Velocity		ft/sec	Flow			gpm	1 🗔	/elocity		ft/sec
Flow		gpm					F	low		gpm
Analytical I	Laboratory Sample	s Collected?	Yes	No						
O&G		Entero.		Fecal Col.		Chlorpy	•		Pb (ug/L)	
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/L	)		Zn (ug/L)	
			•							·

COMMENTS: \_\_\_\_\_ Salinity greater than 3% indicates seawater in basin.

CENEDAT		Routine IIIv	esugation		IC	/ID Follow-U	p Fo	r		_		
GENERAL	SITE DESCRI	PTION		(NAD 83	decimal degr	ees to 5th place	;)	. <u>.</u>			_	
Site ID	CB05-3			Latitude	32.737	32	Wai	Hydrolo	gic Unit	9	908	
Location	Rental car park	ing area		Longitude	-117.18	311	tersh	Hydrolo	gic Area	9	908.2	
Date	5/26/2009			TB Page	1268 H	7	đ	Hydrolo (Optiona	gic Subare	a g	908.21	
Time	10:40			Observer	KG, AH	I	Dise (Op	charge Are tional)	a			
Land Use (Pr (Check one on	<b>imary)</b> Ily)	Residential	Comn	nercial	x Industrial	Agricultur	al	Parks		Open		
Land Use (Se (Optional, grea	<b>condary)</b> ater than 10%)	Residential	Comn	nercial	x Industrial	Agricultur	al	Parks		Open		
Conveyance (Check one on	ıly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural	Creek	Earthe	en Cha	nnel
ATMOSPH	ERIC CONDIT	IONS									·	
Weather	Sunny	Partly Cloud	ly x Overca	ast	Fog							
Tide	N/A	Low	X Incor	ning	High	Outgoing		Tide Heig	ght:1.4	ft.		
Last Kain	x > 72 hours	< 72 hours										
Rainfall	x None	< 0.1"	> 0.1"	,								
RUNOFF C	HARACTERIS	TICS										
Odor	x None	Musty	Rotte	en Eggs	Chen	nical	Sew	age		Other		
Color Clasity	None	x Yellow	Brow	VI) Alex Clouder	White	•	Gra	y		Other		
Clarity Floatables	Viear None	Trach	x Siign Bubb	lity Cloudy	Opaq	ue	Fee	Mottor	v	Other		anio
Deposits	None	x Sediment/Gravel	x Fine	Particulates	Stain	1 5	Oily	Deposits	х	Other	<u>U</u>	ganic
Vegetation	x None	Limited	Norm	nal	Exces	sive	0119	Берозна		Other		
Biology	x None	Insects	Alga	e	Snail	/Fish	Mus	sels/Bamacl	es	Other		
~												
Flow Observ	ved Yes	x No Pond	led Tida	al								
Flow Observ Does the stor	ved Yes rm drain flow re	x No Ponc	led Tida Water?	al	Yes	No >	k N/A					
Flow Observ Does the stor Evidence of (	ved Yes rm drain flow re Overland Flow?	x No Pond each the Receiving	led Tida Water?	al Trigation Ru	Yes	No >	x N/A	water for	dust contro	1		
Flow Observ Does the stor Evidence of (	ved Yes rm drain flow ro Overland Flow?	x No Ponc each the Receiving Yes	led Tida <b>Water?</b> No I	al (rrigation Ru	Yes noff x C	No >	x N/A ot uses	s water for a	dust contro	1.		
Flow Observ Does the stor Evidence of ( Photo Taken	ved Yes rm drain flow r Overland Flow? 1 x Yes	x No Pond each the Receiving Yes No Photo	ded Tidz Water? No 1 #	al (rrigation Ru _	Yes noff x C	No >	( N/A ot uses	s water for a	dust contro	1.		
Flow Observ Does the stor Evidence of Photo Taken	ved Yes rm drain flow ro Overland Flow? n x Yes	x No Pond each the Receiving Yes No Photo	ded Tida . <b>Water?</b> .No 1 #	al Arrigation Ru 	Yes noff x C	No o her: Parking l	( N/A ot use:	s water for o	dust contro	I.		
Flow Observ Does the stor Evidence of ( Photo Taken ield Screenin	ved Yes rm drain flow r Overland Flow? n x Yes ng Samples Coll	x No Pond each the Receiving Yes No Photo ected? x Yes	ded Tidz Water? No 1 # No I3-N (mg/1 )	al (rrigation Ru 	Yes noff x C	No potter: Parking l	x N/A ot uses	s water for a	dust contro	l.		
Flow Observ Does the stor Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units)	ved Yes rm drain flow r Overland Flow? n x Yes ng Samples Coll °C) 22 7.1	x No Pond each the Receiving Yes No Photo ected? x Yes NH TU	ded Tidz Water? No 1 #	al (rrigation Ru 	Yes noff x C	No y other: Parking l -N (mg/L) (D (mS/cm)	0 5.01	s water for a	dust contro React PO4 MBAS (mg	(mg/L) /L)	)	.5
Flow Observ Does the stor Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units)	ved Yes rm drain flow r Overland Flow? n x Yes ng Samples Coll (°C) 22 7.1	x No Pond each the Receiving Yes No Photo ected? x Yes NH	led Tida Water? No 1 # No [3-N (mg/L)   [RB (NTU)	al (rrigation Ru 	Yes noff x C	No p ther: Parking l -N (mg/L) D (mS/cm)	0 5.01	s water for o	dust control React PO4 MBAS (mg	l. (mg/L)	)	.5 .75
Flow Observ Does the stor Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units) FLOW ESTI	ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Coll (°C) 22 7.1 IMATION WO	x No Ponc each the Receiving Yes No Photo ected? x Yes NH TU RKSHEETS	led Tida Water? No I #	al (rrigation Ru 	Yes noff x C	No pother: Parking label{eq:pother}	0 5.01	s water for o	dust control React PO4 MBAS (mg	(mg/L)	)	.5 .75
Flow Observ Does the stor Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units) FLOW ESTI Flowin	ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Coll (°C) 22 7.1 IMATION WOI ng Creek or Box C	x No Pond each the Receiving Yes No Photo ected? x Yes NH TU RKSHEETS	led Tidz Water? No 1 #	al (rrigation Ru  2.2 ing a Bottle o	Yes noff x C NO3 COM	No > ther: Parking I -N (mg/L) D (mS/cm) me	0 5.01	s water for a	dust control React PO4 MBAS (mg Flowing	[. (mg/L) //L) g Pipe		.5 .75
Flow Observ Does the stor Evidence of Photo Taken Eld Screenin Water Temp ( DH (pH units) FLOW ESTI Flowin Width	ved Yes rm drain flow re Overland Flow? n x Yes n x Yes n Samples Coll °C) 22 7.1 IMATION WOI g Creek or Box C	x No Pond each the Receiving Yes No Photo ected? x Yes NH TU RKSHEETS	ded         Tidz           No         1           #	al (rrigation Ru 	Yes noff x C NO3 COM	No > ther: Parking la -N (mg/L) (D (mS/cm) me mL	0 5.01	is water for o	dust contro React PO4 MBAS (mg	(mg/L) /L) g Pipe	Ft	.5 .75
Flow Observ Does the stor Evidence of Photo Taken eld Screenin Water Temp ( DH (pH units) FLOW ESTI FLOW ESTI Flowin Width Depth	ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Coll (°C) 22 7.1 IMATION WOI g Creek or Box C	x No Pond each the Receiving Yes No Photo ected? x Yes NH TU RKSHEETS ulvert	led Tidz Water? No I # No I3-N (mg/L) IRB (NTU) Fill Volume Fill	al Irrigation Ru 	Yes noff x C NO3 CON	No > ther: Parking la -N (mg/L) D (mS/cm) me mL sec	0 5.01	water for o	dust control React PO4 MBAS (mg Flowing	l. (mg/L) <u>/L)</u> g Pipe	Ft	.5 .75
Flow Observ Does the stor Evidence of Photo Taken eld Screenin Water Temp ( DH (pH units) FLOW ESTI Flowin Width Depth /elocity	ved Yes rm drain flow r Overland Flow? n x Yes ng Samples Coll (°C) 22 7.1 IMATION WOI g Creek or Box C	x No Pond each the Receiving Yes No Photo ected? x Yes NH TU RKSHEETS ulvert ft ft ft/sec	led         Tida           No         I           #	al Irrigation Ru  <u>.6</u> <u>10g a Bottle o</u>	Yes noff x C NO3 CON r Known Volu	No parking left ther: Parking left -N (mg/L) D (mS/cm) me me mL sec gpm	0 5.01	Swater for o	lust control React PO4 MBAS (mg Flowing	[. (mg/L) /L) g Pipe	Ft Ft ft/sec	.5 .75
Flow Observ Does the stor Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units) FLOW ESTI Flowin Width Depth Velocity Flow	ved Yes rm drain flow re Overland Flow?  x Yes  g Samples Coll (°C) 22 7.1  MATION WOI g Creek or Box C	x No Pond each the Receiving Yes No Photo ected? x Yes ected? x Yes NH TU RKSHEETS ulvert ft ft ft/sec gpm	led         Tida           Water?         No           No         I           I3-N (mg/L)         I           RB (NTU)         Fill           Volume         Fill           Fill         Fill	al Arrigation Ru 	Yes noff x C NO3 COM	No parking left -N (mg/L) [D] (mS/cm) [D]	0 5.01	Diameter Depth Velocity low	React PO4 MBAS (mg	l. (mg/L) /L) g Pipe	Ft Ft ft/sec Gpm	.5 .75
Flow Observ Does the stop Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units) FLOW ESTI Flow ESTI Flowin Width Depth Velocity Flow	ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Coll °C) 22 7.1 IMATION WOI g Creek or Box C boratory Sample	x No Pond each the Receiving Yes No Photo ected? x Yes NH TU RKSHEETS ulvert ft ft ft ft/sec gpm	ded         Tidz           No         I           #	al Irrigation Ru 	Yes noff x C NO3 COM	No or ther: Parking logical sectors of the sectors	0 5.01	Diameter Depth /elocity low	React PO4 MBAS (mg	(mg/L) /L) g Pipe	Ft Ft ft/sec Gpm	.5 .75
Flow Observ Does the stor Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units) FLOW ESTI FLOW ESTI Flowin Width Depth Velocity Flow nalytical Lal O&G	ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Coll (°C) 22 7.1 IMATION WOI g Creek or Box C boratory Sample	x No Pond each the Receiving Yes No Photo ected? x Yes NH TU RKSHEETS ulvert ft ft ft/sec gpm	led         Tidz           No         I           #	al Irrigation Ru 	Yes noff x C NO3 CON r Known Volu	No or ther: Parking la -N (mg/L) D (mS/cm) me mL sec gpm Chlorpy	0 5.01 I F V F	Diameter Depth low	dust control React PO4 MBAS (mg Flowing Plowing D Pb (ug	l. /L) g Pipe	Ft Ft ft/sec Gpm	.5
Flow Observ Does the stor Evidence of Photo Taken 'ield Screenin Water Temp ( pH (pH units) FLOW ESTI Flowin Width Depth Velocity Flow nalytical Lal O&G (mg/L)	ved Yes rm drain flow re Overland Flow? n x Yes ng Samples Coll (°C) 22 7.1 IMATION WOI g Creek or Box C boratory Sample	x No Pond each the Receiving Yes No Photo ected? x Yes NH TU RKSHEETS ulvert ft ft ft/sec gpm es Collected?	led Tidz Water? No I # No I3-N (mg/L) IB (NTU) Fill Volume Fime to Fill Flow Yes	al Irrigation Ru 	Yes noff x C NO3 CON r Known Volu	No or ther: Parking le -N (mg/L) D (mS/cm) me mL sec gpm Chlorpy (ug/L)	0 5.01	Diameter Depth low	React PO4 MBAS (mg Flowing	(mg/L) /L) g Pipe g/L)	Ft Ft ft/sec Gpm	.5 .75

		Routine Invest	tigation			IC/I	D Follow-	Up Ec	or	22	-	
GENERAL	SITE DESCRIPT	ION		(NAD 83	decim	al degree	s to 5th plac	:e)				
Site ID	CB05-4			Latitude		32.73063		Wat	Hydrolo	gic Unit	908	
Location	By runway light v	aults		Longitude		117.1830	)1	ersh	Hydrolo	ogic Area	908	.2
Date	5/26/2009			TB Page		1288 G1		ed	Hydrolo (Optiona	<b>ic Subarea</b> al)	908	.21
Time	0855	2		Observer		KG, AH		Di (O	scharge Are ptional)	ea		
Land Use (Pro) (Check one of	<b>rimary)</b> nly)	Residential	Comm	nercial	x Indu	ıstrial	Agricultu	ıral	Parks		Open	
Land Use (So (Optional, gree Conveyance	econdary) eater than 10%)	Residential	Comn	nercial	x Indu	ıstrial	Agricultu Concrete	ıral	Parks	Cruch	Open	Channel
(Check one of	nly)	Mannole	x Calch	Dasili	Out	let	Channel		Natura	Стеек	Earthen	Lnannel
ATMOSPH	IERIC CONDITIO	DNS							00			
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overc x Incom	ast ning	Fog High		Outgoing		Tide Hei	ght:-1.4	_ft.	
Rainfall	x None	< 0.1"	> 0.1'	,								
RUNOFF (	CHARACTERIST	ICS										
Odor Color Clority	x None x None	Musty Yellow	Rott Brov	ten Eggs wn		Chemic White	al	Se Gi	ewage ray	X ( X (	Other Other	<u>Seawater</u> Seawater
Floatables	x None	Trash	Bub	bles/Foam		Sheen	;	Fe	cal Matter		Other	
Deposits	x None	Sediment/Gravel	Fine	Particulates		Stains Excession		0	ily Deposits		Other Other	
Biology	x None	Insects	Alga	ae		Snails/l	Fish	М	ussels/Barnac	les	Other	
Flow Obser	rved Yes	x No Ponde	d x Tida	al								
Does the st	orm drain flow rea	ch the Receiving V	Vater?		•	Yes	No	x N//	4			
Evidence of	f Overland Flow?	Yes	( No	Irrigation R	unoff	Ot	her:					
Photo Take	en x Yes	No Photo #										
Field Screen	ing Samples Colle	cted? Yes	No									
Water Temp	o (°C)	NH3	-N (mg/L)			NO3-1	N (mg/L)			React PO4	(mg/L)	
pH (pH unit	s)		B (NTU)				) (mS/cm)			MBAS (mg	/L)	
FLOW ES	FIMATION WOR	KSHEETS	<b>D</b> 2	Di	¥/						<b>D</b> .	
Flow Width	ing Creek or Box Cu	ft Vert	olume	lling a Bottle	or Kn	own volur	ne mL	ור	Diameter	Flowing	g Pipe	ft
Depth		ft Ti	me to Fill				sec		Depth			ft
Velocity		ft/sec Fl	ow				gpm		Velocity			ft/sec
Flow		gpm							Flow			gpm
Analytical L	aboratory Sample	s Collected?	Yes	x No								
O&G (mg/L)	<b>F</b>	Entero. (MPN/100mL)		Fecal Col. (MPN/mL)			Chlor (ug/L)	py.		<b>Pb</b> ( <i>u</i> )	g/L)	
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)			Cd (u)	g/L)		<b>Zn</b> (u	g/L)	

COMMENTS: Water in catch basin has salinity above 4%\_\_\_\_\_

		Routine In	vestigation		IC/I	D Follow-Up	o Foi	•			
GENERAL	SITE DESCRIPT	TION		(NAD 83 d	lecimal degree	s to 5th place)					
Site ID	CB06-5			Latitude	32.73584		Wat	Hydrologic Uni	it 9	908	
Location	East of control to	wer		Longitude	-117.1863	37	ersh	Hydrologic Are	ea g	908.2	
Date	5/27/09			TB Page	1268 G7		ğ	Hydrologic Sub (Optional)	parea g	908.21	
Time	0750			Observer	KG, AH		Disc (Op	charge Area tional)			
Land Use (Pro) (Check one of	<b>rimary)</b> nly)	Residentia	l Comr	nercial	x Industrial	Agricultural		Parks	Open		
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residentia	l Comr	nercial	x Industrial	Agricultural		Parks	Open		
Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	Earth	en Chann	el
ATMOSPH	IERIC CONDITI	ONS					_				
Weather Tide Last Rain	Sunny N/A > 72 hours	Partly Clo Low < 72 hours	udy Overc Incon	east ning	Fog High	Outgoing		Tide Height:	ft.		
Rainfall	None	< 0.1"	> 0.1'	,							
RUNOFF (	CHARACTERIST	TICS									
Odor	None	Musty	Rott	en Eggs	Chemic	cal	Sew	vage	x Other	Dry	
Color Clority	None	Yellow	Bro	wn hthu Claudu	White		Gra	У	x Other	Dry	
Floatables	x None	Trash	Bub	htty Cloudy bles/Foam	Opaque	2	Fec	al Matter	x Other Other	<u>Dry</u>	
Deposits	None	x Sediment/Grave	l Fine	Particulates	Stains		Oily	y Deposits	Other		
Vegetation	x None	Limited	Nor	mal	Excess	ive			Other		
Biology	x None	Insects	Alg	ae	Snails/	Fish	Mu	ssels/Barnacles	Other		
Flow Obser	rved Yes	x No Po	nded Tid	al							
Does the st	orm drain flow re	ach the Receivin	ng Water?		Yes	No x	N/A				
Evidence of	f Overland Flow?	Yes	x No	Irrigation Ru	noff Ot	her:					
Photo Take	en x Yes	No Phot	o #								
Field Screen	ing Samples Colle	cted? Yes	x No								
Water Temp	o(°C)	1	NH3-N (mg/L)		NO3-	N (mg/L)		React	PO4 (mg/L	.)	
pH (pH unit	s)		TURB (NTU)		CON	D (mS/cm)		MBAS	S (mg/L)		
FLOW EST	<b>FIMATION WOR</b>	RKSHEETS									
Flow	ing Creek or Box Cu	ulvert	Fi	lling a Bottle o	or Known Volu	ne		Fle	owing Pipe		
Depth		ft	Volume Time to Fill			mL sec		Diameter Depth		ft	
Velocity		ft/sec	Flow			gpm		Velocity		ft/sec	
Flow		gpm						Flow		gpm	
Analytical L	aboratory Sample	es Collected?	Yes	No						<b></b>	
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)		

COMMENTS: \_\_\_\_\_

		x Routine Inv	estigation		IC/I	D Follow-Up	o For		<del></del>	
GENERAL	SITE DESCRIP	TION		(NAD 83 (	decimal degree	s to 5th place)				
Site ID	CB07-6			Latitude	32.73085		Wat	Hydrologic Unit	90	8
Location	OWS @ AA Sta	ging area		Longitude	-117.1932	.3	tersh	Hydrologic Area	90	8.2
Date	5/27/2009		5	TB Page	1288 FI		ed	Hydrologic Suba (Optional)	<b>irea</b> 90	8.21
Time	0732			Observer	KG, AH		Discl (Opti	harge Area ional)		
Land Use (P (Check one c	<b>'rimary</b> ) only)	Residential	Comn	nercial	x Industrial	Agricultural	l	Parks	Open	
Land Use (S (Optional, gr	econdary) eater than 10%)	Residential	Comn	nercial	x Industrial	Agricultural	I	Parks	Open	
(Check one of	only)	x Manhole	Catch	Basin	Outlet	Channel		Natural Creek	Earther	1 Channel
ATMOSPI	HERIC CONDIT	IONS								·····
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clou x Low < 72 hours	idy x Overc Incom	ast ning	Fog High	Outgoing		Tide Height:1.4	lft.	
Rainfall	x None	< 0.1"	> 0.1'	,						
RUNOFF	CHARACTERIS	TICS								
Odor	None	x Musty	Rott	en Eggs	Chemie	cal	Sewa	age	Other	
Color Clarity	None	Yellow	Brov	wn htiv Cioudy	Opaque	<b>\$</b>	Gray	,	x Other x Other	<u>Moist</u>
Floatables	None	Trash	Bub	bles/Foam	x Sheen		Feca	l Matter	Other	
Deposits	None	x Sediment/Gravel	x Fine	Particulates	Stains		x Oily	Deposits	Other	
Biology	x None	Insects	Alga	ne	Snails/	Fish	Mus	sels/Barnacles	Other	
Flow Obse	erved Yes	x No Poi	nded Tid	al						
Does the st	torm drain flow re	each the Receivin	g Water?		Yes	x No	N/A			
Evidence o	of Overland Flow	? Yes	x No	Irrigation Ru	inoff Of	her:				
Photo Tak	en x Yes	No Phot	o #							
Field Screet	ning Samples Coll	ected? Yes	x No							
Water Tem	p (°C)	N	H3-N (mg/L)		NO3-	N (mg/L)		React P	O4 (mg/L)	
<b>pH</b> (pH uni	ts)	1	URB (NTU)		CON	D (mS/cm)		MBAS	(mg/L)	
FLOW ES	TIMATION WO	RKSHEETS								
Flow	ving Creek or Box C	Culvert	Fil	lling a Bottle o	er Known Volu	ne mi	ה ו	Flov	wing Pipe	<u> </u>
Depth		ft	Time to Fill			sec		Depth		ft
Velocity		ft/sec	Flow			gpm	1 1	/elocity		ft/sec
Flow		gpm					] [F	low		gpm
Analytical I	Laboratory Samp	les Collected?	Yes	x No						
O&G		Entero.	_ 00	Fecal Col.		Chlorpy (ug/L)	•	P	<b>b</b> (ug/L)	
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/L)	)	Z	<b>n</b> (ug/L)	+
	•	/	• • • • • • • • • •			-		· · · · · · · · · · · · · · · · · · ·		

COMMENTS: <u>Moist area but not enough to sample, not ponded.</u>

		x Routine Inv	vestigation		IC/I	D Follow-Up	o For				
GENERAL	SITE DESCRIP	TION		(NAD 83 de	cimal degree	s to 5th place)					
Site ID	Сь07-7			Latitude	32.73000	-	Wa	Hydrologic U	nit	908	
Location	Inlet in West wir	ng parking lot		Longitude	-117.1939	0	tersh	Hydrologic A	rea	908.2	
Date	5/27/2009	"		TB Page	1288 F1		ed [	Hydrologic S (Optional)	ubarea	908.21	
Time	0630			Observer	KG, AH		Discl (Opti	narge Area onal)			
Land Use (P (Check one o	<b>'rimary)</b> only)	Residentia	ıl Comr	mercial x	Industrial	Agricultural		Parks	Ope	n	
Land Use (S (Optional, gr	econdary) eater than 10%)	Residentia	al Comr	mercial x	Industrial	Agricultural	l	Parks	Ope	n	
Conveyance Check one c	only)	Manhole	Catch	n Basin	Outlet	X Concrete Channel		Natural Cree	k Eart	hen Chanr	nel
ATMOSPI	HERIC CONDIT	IONS									
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clo x Low < 72 hours	oudy x Overc Incon s	cast F ning F	<sup>2</sup> og High	Outgoing		Tide Height:_	• <b>1.4</b> ft.		
Rainfall	x None	< 0.1"	> 0.1	"							
RUNOFF	<b>CHARACTERIS</b>	TICS									
Odor	None	Musty	Rot	ten Eggs	Chemi	cal	Sewa	age	x Other	Dry	<u> </u>
Color	None	Yellow	Bro	own	White		Gray	,	x Other	<u>Dry</u>	<u> </u>
Clarity	Clear	<b>T</b> 1	Slig	ghtly Cloudy	Opaqu	e	Essa	1 Mattan	x Other	<u>Dry</u>	<u>L</u>
Floatables Deposits	x None	Trash x Sediment/Grave	el x Fine	e Particulates	Sneen		Oily	Deposits	Other	r r	
Deposits	N	x Limited		mal	Excess	ive	Olly	Deposits	Othe	r	
Vegetation	None										
Vegetation Biology	x None	Insects	Alg	gae	Snails/	Fish	Mus	sels/Barnacles	Othe	r	
Vegetation Biology Flow Obse	x None erved Yes	Insects x No Po	Alg	gae dal	Snails/	Fish	Mus	sels/Barnacles	Other	r	
Vegetation Biology Flow Obse Does the st	x None x None erved Yes torm drain flow r	x No Po each the Receivi	Alg onded Tic ng Water?	jae Jal	Snails/ Yes	Fish No x	Mus x N/A	sels/Barnacles	Othe	r	
Vegetation Biology Flow Obse Does the st Evidence o	x None x None erved Yes torm drain flow r	Insects x No Po reach the Receivi ? Yes	Alg onded Tic ng Water? x No	dal Irrigation Run	Yes	Fish No x	Mus x N/A	sels/Barnacles	Othe	r	
Vegetation Biology Flow Obse Does the st Evidence of Photo Tak	x None x None erved Yes torm drain flow r of Overland Flow	x No Po reach the Receivi ? Yes	Alg onded Tic ng Water? x No	dal Irrigation Run	Yes	No x	Mus	sels/Barnacles	Othe	r	
Vegetation Biology Flow Obse Does the st Evidence o Photo Tak	x None x None erved Yes torm drain flow r of Overland Flow sen x Yes	x No Po each the Receivi ? Yes No Pho	Alg onded Tic ng Water? x No to #	dal Irrigation Run	Yes	No x	Mus	sels/Bamacles	Othe	r	
Vegetation Biology Flow Obse Does the st Evidence o Photo Tak <u>Vield Screet</u>	x None x None erved Yes torm drain flow r of Overland Flow ten x Yes	x No Po each the Receivi ? Yes No Pho lected? Yes	Alg onded Tic ng Water? x No to # x No NH3-N (mg(1))	dal Irrigation Run	Yes Noff O	No x ther:	Mus	sels/Bamacles	Other	r	
Vegetation Biology Flow Obse Does the st Evidence of Photo Tak Field Screet Water Tem PH (pH uni	None x None erved Yes torm drain flow r of Overland Flow sen x Yes ning Samples Coll pp (°C)	x No Po each the Receivi ? Yes No Pho lected? Yes	Alg onded Tic ng Water? x No to # x No <u>x No</u> <u>NH3-N (mg/L)</u> TURB (NTU)	dal Irrigation Run	Yes Noff O	No x ther: N (mg/L) D (mS/cm)	Mus	sels/Bamacles	act PO4 (mg/L)	r	
Vegetation Biology Flow Obse Does the st Evidence of Photo Tak Field Screen Water Tem pH (pH united Screen FLOW ES	None x None erved Yes torm drain flow r of Overland Flow cen x Yes ning Samples Coll pp (°C) its)	x No Por reach the Receivi ? Yes No Pho lected? Yes	Alg onded Tic ng Water? x No to # x No <u>x No</u> <u>NH3-N (mg/L)</u> TURB (NTU)	dal Irrigation Run	Yes Noff O	No x ther: N (mg/L) D (mS/cm)	Mus N/A	sels/Bamacles Re MI	act PO4 (mg BAS (mg/L)	r	
Vegetation Biology Flow Obse Does the st Evidence of Photo Tak Vield Screet Water Tem pH (pH uni FLOW ES Flow	None x None erved Yes torm drain flow r of Overland Flow sen x Yes ning Samples Coll pp (°C) its) STIMATION WO ving Creek or Box (	x No Po reach the Receivi ? Yes No Pho lected? Yes PRKSHEETS	Alg onded Tic ng Water? x No to # x No NH3-N (mg/L) TURB (NTU)	illing a Bottle or	Yes Noff O NO3- CON	No x ther: N (mg/L) D (mS/cm) me	Mus	sels/Bamacles Re Re	act PO4 (mg BAS (mg/L) Flowing Pip	r //L) /e	
Vegetation Biology Flow Obse Does the st Evidence of Photo Tak 'ield Screen Water Tem pH (pH uni FLOW ES Flow Width Depth	x None x None erved Yes torm drain flow r of Overland Flow sen x Yes ning Samples Coll pp (°C) its) STIMATION WO wing Creek or Box (	x No Po reach the Receivi ? Yes No Pho lected? Yes PRKSHEETS Culvert ft ft	Alg onded Tic ng Water? x No to # x No NH3-N (mg/L) TURB (NTU) F Volume Time to Fill	illing a Bottle or	Yes Noff O NO3- CON	No         x           ther:	Mus	sels/Bamacles          Re         MI         Diameter         Depth	act PO4 (mg BAS (mg/L)	r /L) e  ft	
Vegetation Biology Flow Obse Does the si Evidence of Photo Tak 'ield Screen Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity	None x None erved Yes torm drain flow r of Overland Flow ten x Yes ning Samples Coll pp (°C) its) STIMATION WO wing Creek or Box (	x No Po each the Receivi ? Yes No Pho lected? Yes	Alg onded Tic ng Water? x No to # x No NH3-N (mg/L) TURB (NTU) Fi Volume Time to Fill Flow	illing a Bottle or	Yes Noff O NO3- CON	No         x           Inter:	Mus	sels/Bamacles Re Re Diameter Depth Velocity	act PO4 (mg 3AS (mg/L)	r //L) /L) ft ft ft/sec	
Vegetation Biology Flow Obse Does the st Evidence of Photo Tak Field Screet Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow	None x None erved Yes torm drain flow r of Overland Flow sen x Yes ning Samples Coll pp (°C) its) 5TIMATION WO wing Creek or Box (	x No Po reach the Receivi ? Yes No Pho lected? Yes RKSHEETS Culvert ft ft ft/sec gpm	Alg onded Tic ng Water? x No to # x No NH3-N (mg/L) TURB (NTU) Fi Volume Time to Fill Flow	illing a Bottle or	Yes Noff O	No         x           ther:	Mus	sels/Bamacles Re MI Diameter Depth Velocity Flow	act PO4 (mg BAS (mg/L)	r /L) ft ft ft/sec gpm	· · · · · · · · · · · · · · · · · · ·
Vegetation Biology Flow Obse Does the si Evidence of Photo Tak Field Screen Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow Analytical	None x None erved Yes torm drain flow r of Overland Flow ten x Yes ning Samples Coll pp (°C) its) STIMATION WO ving Creek or Box ( Laboratory Samm	x No Por each the Receivi ? Yes No Pho lected? Yes PRKSHEETS Culvert ft ft ft/sec gpm	Alg onded Tic ng Water? x No to # x No NH3-N (mg/L) TURB (NTU) Fi Volume Time to Fill Flow Yes	illing a Bottle or	Yes off O	No         x           Ner:	Mus	sels/Bamacles           Re           N           Diameter           Depth           Velocity           Flow	act PO4 (mg BAS (mg/L)	r /L) ft ft ft/sec gpm	
Vegetation Biology Flow Obse Does the st Evidence of Photo Tak Field Screet Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow Analytical 1 O&G	None x None erved Yes torm drain flow r of Overland Flow cen x Yes ning Samples Coll pp (°C) its) STIMATION WO wing Creek or Box ( Laboratory Samp	x No Poreach the Receivi reach the Receivi ? Yes No Pho lected? Yes PRKSHEETS Culvert ft ft ft/sec gpm bles Collected?	Alg onded Tic ng Water? x No to # x No NH3-N (mg/L) TURB (NTU) Fi Volume Time to Fill Flow Yes	illing a Bottle or x No Fecal Col.	Yes NO3 Known Volu	No         x           Nither:	Mus	sels/Bamacles Re Diameter Depth Velocity Flow	act PO4 (mg BAS (mg/L)	r /L) ft ft/sec gpm	
Vegetation Biology Flow Obse Does the st Evidence of Photo Tak Field Screen Water Tem pH (pH uni FLOW ES Flow Width Depth Velocity Flow Analytical 1 O&G (mg/L)	None x None erved Yes torm drain flow r of Overland Flow sen x Yes ning Samples Coll pp (°C) its) STIMATION WO wing Creek or Box ( Laboratory Samp	x No Proventional Providence Prov	Alg onded Tic ng Water? x No to # x No NH3-N (mg/L) TURB (NTU)  Fi Volume Time to Fill Flow Yes	illing a Bottle or x No Fecal Col. (MPN/mL)	Yes NO3- CON Known Volu	No         x           Nither:	Mus	sels/Bamacles           Re           MI           Diameter           Depth           Velocity	act PO4 (mg BAS (mg/L) Flowing Pip	r /L) ft ft ft/sec gpm	

COMMENTS: <u>Dry</u>
	x Routine Investigation IC/ID Follow-Up For											
GENERAL	SITE DESCRIPT	ΓΙΟΝ		(NAD 83 (	lecimal degree	s to 5th place)						
Site ID	CB08-8			Latitude	32.73368		Wat	Hydrolog	gic Unit	908		
Location	Terminal 1 slit tr	ench gate 9		Longitude	-117.196	73	ersh	Hydrolog	gic Area	908.	2	
Date	5/27/2009			TB Page	1288 F1		led	Hydrolog (Optional	gic Subarea )	908.	21	
Time	0918		Ξ.	Observer	KG, Ah	KG, Ah Discharge Area (Optional)			a			
Land Use (P (Check one o	rimary) nly)	Residential	Comm	nercial	x Industrial	Agricultural	l	Parks		Open		
Land Use (Se (Optional, gro	econdary) eater than 10%)	Residential	Comr	nercial	x Industrial	Agricultural Concrete	l	Parks		Open		
(Check one o	nly)	Manhole	x Catch	Basin	Outlet	Channel		Natural	Creek	Earthen C	Channel	
ATMOSPH	HERIC CONDITI	ONS										
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloud x Low < 72 hours	y x Overc x Incom	ast ning	Fog High	Outgoing		Tide Heig	<b>ht:</b> ft.			
Rainfall	x None	< 0.1"	> 0.1	,								
RUNOFF	CHARACTERIS	ГІСS										
Odor	x None Musty Rot			ten Eggs	Chemi	cal	Ser	wage		Other _		
Color	None x Yellow x Bro			wn halw Clauder	White		Gra	ау		Other		
Clarity Floatables	Clear	x Trash	x Siigi Bub	X Slightly Cloudy		e	Fecal Matter			Other _		
Deposits	x None	Sediment/Gravel	Fine	Particulates	Stains		Oil	ly Deposits		Other		
Vegetation	x None	Limited	Nor	mal	Excess	sive			1	Other		
Biology	x None	Insects	Alg	ae	Snails	/Fish	Μι	issels/Barnacl	es	Other _		
Flow Obse	rved Yes	x No Pone	ded Tid	al								
Does the st	orm drain flow re	each the Receiving	Water?		Yes	x No	N/A	A Contraction				
Evidence o	of Overland Flow?	Yes	x No	Irrigation R	unoff O	ther:						
Photo Tak	<b>en x</b> Yes	No Photo	#	<del></del>								
Field Screer	ning Samples Coll	ected? x Yes	No									
Water Tem	p (°C) 20.9	NI	<b>H3-N</b> (mg/L)	>1	NO3	-N (mg/L)	<.25		React PO4	(mg/L)	1	
<b>pH</b> _(pH uni	ts) 7.42		J <b>RB</b> (NTU)	11.6	CON	D (mS/cm)	4.04		MBAS (mg	/L)	1+	
FLOW ES	TIMATION WO	RKSHEETS										
Flow	ving Creek or Box C	Culvert	Fi	lling a Bottle	or Known Volu	me	ר ר	Diameter	Flowing	g Pipe	E+	
Depth			Time to Fill			sec	┥┝	Depth			Ft	
Velocity		ft/sec	Flow			gpm	1	Velocity			ft/sec	
Flow		gpm					1	Flow			Gpm	
A -= = ] = = ] T	abanata Ca		v Voo	No			. 1		•	<u>,</u>	J	
Analytical I	Laboratory Samp	Entero	x res	INO Fecal Col		Chloros	7.		Ph (m	g/L)		
(mg/L)		(MPN/100mL)		(MPN/mL)		(ug/L)	•			<i>a - ,</i>		
Hardness		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/L	.)		Zn (u	g/L)		

COMMENTS: \_\_\_\_\_\_ due to color of water (yellow/brown) field test kits had unclear results. Lab sample was taken

		<b>Routine Inv</b>	estigation		IC/I	D Follow-U	p Fo	r				
GENERAL	SITE DESCRIPT	TION		(NAD 83	decimal degree	s to 5th place)	)					
Site ID	CB12-9			Latitude	32.73516		Wat	Hydrologi	c Unit	- 90	8	
Location	Inlet at T-2 West			Longitude	-117.204	14	ersh	Hydrologi	c Area	90	8.2	
Date	5/27/09			TB Page	1268 E7		ed	Hydrologi (Optional)	c Subarea	<b>a</b> 908.21		
Time	0711			Observer	KG, Ah		Dis (Op	charge Area				
Land Use (Pr (Check one or	<b>rimary</b> ) 1ly)	Residential	Comn	nercial	x Industrial	Agricultura	1	Parks		Open		
Land Use (Secondary) (Optional, greater than 10%)		Residential	Comm	Commercial x Industrial		Agricultura	1	Parks		Open		
Conveyance (Check one or	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel	Natural Creek			Earthen	Earthen Channel	
ATMOSPH	ERIC CONDITI	ONS						÷=				
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clou x Low < 72 hours	dy x Overc x Incom	ast iing	Fog High	Outgoing		Tide Heigh	t:1.4	_ft.		
Rainfall	x None	< 0.1"	> 0.1'	> 0.1"								
RUNOFF CHARACTERISTICS												
Odor	or None Musty Rotte			en Eggs	Chemi	cal	Sev	wage	хC	Other	Seawater	
Color Clarity	None	Yellow	Brov	wn htly Cloudy	White	A	Gra	ay	xC	Other Other	Seawater Seawater	
Floatables	X None	Trash	Bub	bles/Foam	S/Foam Sheen		Fee	cal Matter	(	Other	Beawater	
Deposits	None	X Sediment/Gravel	Fine	Particulates	es Stains		Oil	y Deposits	(	Other		
Biology	X None	Insects	Nori Alga	mai ne	Excessive Snails/Fish		Mussels/Barnacles		( . (	Other Other		
Flow Obser	ved Yes	No Pon	ded X Tid	lal								
Does the sto	orm drain flow re	ach the Receiving	g Water?		Yes	No	N/A	A Contraction of the second se				
Evidence of	Overland Flow?	Yes	X No	Irrigation Ru	unoff O	ther:						
Photo Take	n XYes	No Photo	)#									
Field Screeni	ing Samples Colle	ected? Yes	X No			2						
Water Temp	(°C)	N	H3-N (mg/L)	ļ	NO3-	N (mg/L)		]	React PO4	(mg/L)		
<b>pH</b> (pH units	s)	[_ <b>T</b>	URB (NTU)		CON	D (mS/cm)			MBAS (mg/	Ľ)		
FLOW EST	IMATION WOR	RKSHEETS										
Flowi Width	ng Creek or Box Ci	ft	<u>Fil</u> Volume	lling a Bottle	or Known Volu	me	ı r	Diameter	Flowing	Pipe	ft	
Depth		ft	Time to Fill			sec	1 [	Depth			ft	
Velocity		ft/sec	Flow			gpm		Velocity			ft/sec	
Flow		gpm		1	i		] L	Flow			gpm	
Analytical L	aboratory Sample	es Collected?	Yes	X No		·						
<b>O&amp;G</b> (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)		

COMMENTS: Some pooled water in catch basin Salinity=4.5%\_\_\_\_

		Routine Inv	estigation		IC/II	D Follow-Up	o Foi	r			
GENERAL	SITE DESCRIPT	TION		(NAD 83	decimal degree	s to 5th place)					
Site ID	CB09-10			Latitude	32.72993	2	Wa	Hydrologic Uni	it 9	908	
Location	Inlet at T-2 West			Longitude	-117.1974	8	tersh	Hydrologic Are	ea g	908.2	
Date	5/27/09			TB Page	1299 F <b>I</b>		led	Hydrologic Subarea (Optional)		908.21	
Time	0648			Observer	KG, Ah		Dise (Op	charge Area tional)			
Land Use (Pro) (Check one of	<b>rimary</b> ) nly)	Residential	Comn	nercial	x Industrial	Agricultural		Parks	Open		
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residential	Comn	nercial	x Industrial	Agricultural		Parks	Open		
Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	Earth	en Channe	el
ATMOSPH	IERIC CONDITI	ONS									
Weather	Sunny	Partly Cloud	iy x Overc	ast	Fog	<b>.</b> .					
Tide Last Rain	N/A x > 72 hours	x Low < 72 hours	x Incom	ing	High	Outgoing	lide Height:1.4				
Rainfall	x None	< 0.1"	> 0.1"								
<b>RUNOFF</b> (	CHARACTERIST	TICS									
Odor	None	None Musty Rotte		en Eggs	Chemic	al –	Sev	vage	x Other	Dry	
Color	None	Yellow	Brov	wn	White		Gra	y	x Other	Dry	
Clarity	Clear	<b>—</b> ·	Slig	ntly Cloudy	Opaque	•	_		x Other	Dry	
Floatables Deposits	X None	Trash X Sediment/Gravel	Bub	bles/Foam Porticulates	Sheen		Fec	al Matter	Other		
Vegetation	X None	Limited	Nor	nal	Frees	ive	OII	y Deposits	Other		······
Biology	X None	Insects	Alga	ie	Snails/	Fish	Mu	ssels/Barnacles	Other		
Flow Obser	rved Yes	x No Pon	ded Tid	al							
Does the sto	orm drain flow re	ach the Receiving	g Water?		Yes	No	N/A				
Evidence of	f Overland Flow?	Yes	No x	Irrigation Ru	inoff Ot	her:					
Photo Take	en XYes	No Photo	,#	_							
Field Screen	ing Samples Colle	cted? Yes	X No								
Water Temp	(°C)	N	H3-N (mg/L)		NO3-	N (mg/L)		React	PO4 (mg/l	.)	
<b>pH</b> (pH unit	s)	T	URB (NTU)		CON	D (mS/cm)		MBA	S (mg/L)		
FLOW EST	<b>FIMATION WOR</b>	KSHEETS							dan dall. dan 13		
Flow	ing Creek or Box Cu	lvert	Fil	ling a Bottle	or Known Volui	ne		FI	owing Pipe		
Width		ft	Volume		·····	mL		Diameter		ft	
Depth		tt	Time to Fill			sec	┥┝	Depth		ft	
Flow	· · · · · · · · · · · · · · · · · · ·	TUSEC	FIOW			gpm	┥┝	Velocity		It/sec	
LLIOM	1					1	JL	FIOW		gpm	
Analytical L	aboratory Sample	es Collected?	Yes	X No							
O&G (mg/L)		(MPN/100mL)		Fecal Col. (MPN/mL)		Chlorpy (ug/L)	•		Pb (ug/L)		
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon		Cd (ug/L	)		Zn (ug/L)		
<u> </u>		1 (			L					I	
COMMENT	S: Dry					······		*** *			

SITE ID:	CB01-1	DATE:	5/27/2009	Ш ж
LOCATION:	WEST OF LANDMARK	Тіме:	0806	
OBSERVER:	KRIS GREEN/ANNIE HILL			
PREVIOUS TR	ASH ASSESSMENT RATING:			
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	20x2	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 levels of litter and debris (>400 pieces).								

Site Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

- Complete the following section for Submarginal, and Poor Evaluations ONLY

	t	POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТүрЕ	Ranking or Cou by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste						2						
Business Related												_
Cigarette Butts												
Construction												
Fabric/Clothing												
Food Packaging												
Food Waste	-											
Household						,						
Shopping Carts												
Toxic												
Yard Waste		1										

\* 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:

Page 2 of 2

SITE ID:	CB03-2	DATE:	5/27/2009		
LOCATION:	EAST END OF RUNWAY	Тіме:	0846		
OBSERVER:	KRIS GREEN/ ANNIE HILL				
PREVIOUS TR	ASH ASSESSMENT RATING:				
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	20x2	0		

ESTIMATED AREA OF ASSESSMENT L X W (FT):

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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

Complete the following section for Submarginal, and Poor Evaluations ONLY

	nt	POTENTIAL ROUTE (CHECK UP TO 2)			POTENTIAL SOURCE (CHECK UP TO 2)							
Түре	Ranking or Cou 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												

\* 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:

SITE ID:	CB05-3	DATE:	5/27/2009	
LOCATION:	RENTAL CAR PARKING LOT	TIME:	1040	
OBSERVER:	KRIS GREEN/ANNIE HILL			
PREVIOUS TRA	ASH ASSESSMENT RATING:			
	REA OF ASSESSMENT L X W (FT):	20x2	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 levels of litter and debris (>400 pieces).						

Site Evalua	Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)								
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.								
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.								

Complete the following section for Submarginal, and Poor Evaluations ONLY

	nt	POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
Түре	Ranking or Cou by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive	Î											
Biohazard Waste												
Business Related						-						
Cigarette Butts								-				
Construction							-					
Fabric/Clothing	T											
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.

Comments:

SITE ID:	CB05-4	DATE:	5/27/2009	_
LOCATION:	BY RUNWAY LIGHT VAULT	Тіме:	0855	_
OBSERVER:	KRIS GREEN, ANNIE HILL			_
PREVIOUS TRA	SH ASSESSMENT RATING:			_
ESTIMATED AF	REA OF ASSESSMENT L X W (FT):	20x2	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 levels of litter and debris (>400 pieces).						

Site Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

Complete the following section for Submarginal, and Poor Evaluations ONLY

	nt	POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТүрЕ	Ranking or Cour 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											P	
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.

Comments:

SITE ID:	CB06-5	DATE:	5/27/2009	
LOCATION:	EAST OF CONTROL TOWER	TIME:	0750	
<b>OBSERVER:</b>	KRIS GREEN/ ANNIE HILL			
PREVIOUS TRA	ASH ASSESSMENT RATING:			

20x20

ESTIMATED AREA OF ASSESSMENT L X W (FT):

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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

- Complete the following section for Submarginal, and Poor Evaluations ONLY

	nt	POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						I.
ТҮРЕ	Ranking or Cou by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive			Í		Ì							
Biohazard Waste												
Business Related												
Cigarette Butts				-								2
Construction									22	-		
Fabric/Clothing	1				[							
Food Packaging												
Food Waste												
Household					Б.				-			
Shopping Carts												
Toxic												
Yard Waste				5			-					

\* 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:

SITE ID:	CB07-6	DATE:	5/27/2009	
LOCATION:	OWS AT AA MAINTENANCE YARD	Тіме:	0732	
OBSERVER:	KRIS GREEN/ANNIE HILL			
PREVIOUS TRA	ASH ASSESSMENT RATING:			5
ESTIMATED A	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 Evalu	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

Undated April 20, 2000

SITE ID:	CB07-7	DATE:	5/27/2009	
LOCATION:	CB AT WEST WING PARKING	Тіме:	0630	
OBSERVER:	KRIS GREEN/ANNIE HILL			
PREVIOUS TR	ASH ASSESSMENT RATING:			
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	50x5	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).				

Site Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

Complete the following section for Submarginal, and Poor Evaluations ONLY

	nt	POTENTIAL ROUTE (CHECK UP TO 2)			POTENTIAL SOURCE (CHECK UP TO 2)							
Түрс	Ranking or Cou by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive					İ							
Biohazard Waste					8							
Business Related												
Cigarette Butts												
Construction								-				
Fabric/Clothing												
Food Packaging	1											
Food Waste	1											
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.

Comments:\_\_\_\_

SITE ID:	CB08-8	DATE:	5/27/2009	
LOCATION:	T1 GATE 9 SLIT TRENCH	TIME:	0918	
OBSERVER:	KRIS GREEN/ ANNIE HILL			
PREVIOUS TRA	ASH ASSESSMENT RATING:			
	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				
On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluat 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).				

Site Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

Complete the following section for Submarginal, and Poor Evaluations ONLY

	nt	P0 <sup>.</sup> (C	TENTIA HECK	AL ROUTE POTENTIAL SOURCE UP TO 2) (CHECK UP TO 2)								
Түре	Ranking or Cou by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive					Ì							
Biohazard Waste												
Business Related	<u> </u>											-
Cigarette Butts												
Construction												
Fabric/Clothing												
Food Packaging												
Food Waste												
Household			[		r.							
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:

SITE ID:	CB12-9	DATE:	5/27/2009	
LOCATION:	INLET W END OF T2	Тіме:	0711	
OBSERVER:	KRIS GREEN/ ANNIE HILL			
PREVIOUS TRA	SH ASSESSMENT RATING:			
	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).				

Site Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

Complete the following section for Submarginal, and Poor Evaluations ONLY

	nt	POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТүрЕ	Ranking or Cou 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												=

\* 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:

SITE ID:	CB09-10	DATE:	5/27/2009			
LOCATION:	TERMINAL 1 PARKING LOT	Тіме:	0648			
OBSERVER:	KRIS GREEN. ANNIE HILL	15.				
PREVIOUS TRA	ASH ASSESSMENT RATING:					
	REA 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. 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.								
D 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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

- Complete the following section for Submarginal, and Poor Evaluations ONLY

	nt	POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
Түре	Ranking or Cou by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive								i				
Biohazard Waste												
Business Related	۰											
Cigarette Butts				-								
Construction												
Fabric/Clothing			-									
Food Packaging												
Food Waste												
Household												
Shopping Carts												
Toxic												
Yard Waste						2						

\* 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:



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,

nd X. Foryth

Richard 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.



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MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego CA, 92123	Project: San Diego Project Number: [none] Project Manager: Amanda Ar	Project: San Diego Airport Jumber: [none] anager: Amanda Archenhold								
MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego CA, 92123Project Number: [none] Project Manager: Amanda ArchenholdReported: 06/23/09 16:11ANALYTICAL REPORT FOR SAMPLESSample IDDate SampledDate ReceivedCB08-8-5-27-090905400-01Liquid05/27/09 09:1805/27/09 12:45CB08-8-FB-5-27-090905400-02Liquid05/27/09 09:1805/27/09 12:45CB08-8-FB-5-27-090905400-02Liquid05/27/09 09:1805/27/09 12:45										
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.QA/QC CRITERIA:All quality objective criteria were met, except as noted in the report with data qualifiers.



San Diego CA, 92123	Project Manager:	Amanda Archenhold	06/23/09 16:11
9177 Sky Park Court Suite A	Project Number:	[none]	Reported:
MACTEC Engineering & Consulting	Project:	San Diego Airport	

#### Microbiological Parameters by APHA Standard Methods

		Sierra A	nalytical	Labs, I	nc.				
Analyte	Result	Reporting Limit	t Units	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) Liquid	l Sampled: 05	/27/09 09:	30 Receive	d: 05/27/	09 12:45				
Enterococcus Fecal Coliforms Total Coliforms	<10 <10 <10	10 10 10	CFU/100 mL "	10 "	B9E2802 "	05/27/09	05/27/09 15:10	SM 9230C SM 9222D SM 9222B	

#### CBO8-8-DUP-5-27-09 (0905400-03) Liquid Sampled: 05/27/09 09:18 Received: 05/27/09 12:45

Enterococcus	1700	100	CFU/100 mL	100	B9E2802	05/27/09	05/27/09 15:10	SM 9230C
Fecal Coliforms	160	10	"	10	"	"	"	SM 9222D
Total Coliforms	120000	1000	"	1000	"	"	"	SM 9222B



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MACTEC Engineering & Consulting	Proj	ject: Sa	an Diego A	lirport							
9177 Sky Park Court Suite A		Project Number: [none]							ed:		
San Diego CA, 92123		Project Manager: Amanda Archenhold 06/23.							16:11		
Conv	entional Ch	emistry Pa	irame	eters by A	PHA/EP	A Meth	ods				
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/	09 09:18 Re	ceived	: 05/27/09 1	2:45						
Total Hardness	692	0.400	mg/L	1	B9F2321	06/23/09	06/23/09 14:57	SM 2340 C			
Hexane Extractable Material (HEM)	2.30	2.00	"	"	B9E2831	05/28/09	05/28/09 13:50	EPA 1664			
CBO8-8-FB-5-27-09 (0905400-02) Liquid	/27/09 09:30	Recei	ived: 05/27/	09 12:45							
Total Hardness	ND	0.400	mg/L	1	B9F2321	06/23/09	06/23/09 14:57	SM 2340 C			
Hexane Extractable Material (HEM)	ND	2.00	"	"	B9E2831	05/28/09	05/28/09 13:50	EPA 1664			



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MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego CA, 92123	Matala (D	Project: San Diego Airport Project Number: [none] Project Manager: Amanda Archenhold Motals (Dissolved) by FPA 200 Sories Methods								
	Metals (D	Sierra An	alytica	l Labs, I	nc.	ious				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
CBO8-8-5-27-09 (0905400-01) Liquid	Sampled: 05/27/0	09 09:18 R	eceived:	05/27/09 1	2:45					
Cadmium Copper Lead	16 1300 67	4.0 2.0 4.0	μg/L "	2 "	B9F0119 "	06/01/09	06/01/09 15:20	EPA 200.8 "		
Zinc	1100	2.0		"	"	"	"	"		

#### CBO8-8-FB-5-27-09 (0905400-02) Liquid Sampled: 05/27/09 09:30 Received: 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	"	"	"	"	"	"



MACTEC Engineering & Consulting		Pr	oject: Sa	an Diego A	lirport					
9177 Sky Park Court Suite A		Project Nu	mber: [n	one]					Reporte	d:
San Diego CA, 92123		Project Mar	nager: An	manda Arch	enhold				06/23/09	16:11
Me	tals (Dissolve	d) by EPA	200 Ser	ies Metho	ds - Qua	lity Cont	rol			
	,	Sierra An	alytica	d Labs, I	nc.	·				
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B9F0119 - EPA 200 Series										
Blank (B9F0119-BLK1)				Prepared	& Analyze	ed: 06/01/0	)9			
Cadmium	ND	4.0	μg/L							
Copper	ND	2.0	"							
Lead	ND	4.0	"							
Zinc	ND	2.0	"							

LCS (B9F0119-BS1)				Prepared	& 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	& 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)	Sourc	e: 090540	0-02	Prepared	& Analyze	ed: 06/01/	/09			
Cadmium	96.1	4.0	μg/L	100	ND	96.1	70-130	1.96	20	
Copper	96.2	2.0	"	100	1.6	94.6	70-130	3.17	20	
Lead	135	4.0	"	100	0.54	134	70-130	25.0	20	QM-07
Zinc	114	2.0		100	3.4	111	70-130	7.27	20	

MACTEC 9177 Sky San Diego	Engineering & Consulting Park Court Suite A 0 CA, 92123	Project: Project Number: Project Manager:	San Diego Airport [none] Amanda Archenhold	<b>Reported:</b> 06/23/09 16:11
		Notes and De	finitions	
_<10	<10			
QM-07	The spike recovery was outside acceptance line recovery.	mits for the MS an	d/or MSD. The batch was accepted based on accepta	able LCS
DET	Analyte DETECTED			
ND	Analyte NOT DETECTED at or above the reporting limit	it		
NR	Not Reported			
dry	Sample results reported on a dry weight basis			

RPD Relative Percent Difference



#### **Certificate of Analysis**

Report Date: Tuesday, June 23, 2009 Received Date: Thursday, May 28, 2009 Received Time: 10:01 am Turnaround Time: Normal

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

P.O. #:

Attn: Nick Forsyth Project: 0905400

Client: Sierra Analytical

26052 Merit Circle, Suite 105

Laguna Hills, CA 92653

Lab Sample ID: 9E28003-01	Sample ID:	CB08	-8-5-27-09							Matrix: Water
Sampled by: Client	Sampled: 05/	27/09 09	):18							
Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed	В	atch Qualifier
Azinphos methyl (Guthion)	ND	0.12	0.15	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Bolstar	ND	0.088	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Chlorpyrifos	ND	0.041	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Coumaphos	ND	0.068	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Demeton-o	ND	0.049	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Demeton-s	ND	0.063	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Diazinon	ND	0.058	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Dichlorvos	ND	0.11	0.15	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Disulfoton	ND	0.064	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Ethoprop	ND	0.11	0.15	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Fensulfothion	ND	0.090	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Fenthion	ND	0.027	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Merphos	ND	0.062	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Methyl parathion	ND	0.057	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Mevinphos	ND	0.089	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Naled	ND	0.060	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Phorate	ND	0.054	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Ronnel	ND	0.037	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Stirophos	ND	0.050	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Tokuthion (Prothiofos)	ND	0.063	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Trichloronate	ND	0.031	0.10	ug/l	1	EPA 8141A	6/2/09	6/17/09 13:51	dav W9F	0112
Surrogate: Triphenyl phosphate	200 %		6-173							S-04

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

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9E28003

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#### **Certificate of Analysis**

Lab Sample ID: 9E28003-02	Sample ID:	CB08	-8-8-FB-	5-27-09						Ma	trix: Water
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	
Surrogate: Triphenyl phosphate	136 %		6-173								



#### **Certificate of Analysis**

#### **Quality Control Section**

#### Organophosphorus Pesticides by EPA Method 8141A - Quality Control

#### Batch W9F0112 - EPA 8141A

Blank (W9F0112-BLK1)				I	Prepared: 06	/02/09 An	alyzed: 06/1	7/09 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					
LCS (W9F0112-BS1)				I	Prepared: 06	/02/09 An	alyzed: 06/1	7/09 13:51	
	Sample	QC	Qualifian	l laite	Spike		%REC		RPD
Analyte	Result	Result	Quaimer	Units	Level	70REC	Limits	RFD	Limit
Surrogate: Triphenyl phosphate		1.26		ug/i	1.00	120	0-173		
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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#### **Certificate of Analysis**

#### Organophosphorus Pesticides by EPA Method 8141A - Quality Control

#### Batch W9F0112 - EPA 8141A

LCS (W9F0112-BS1)					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
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



#### **Certificate of Analysis**

#### 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



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:

<b>S-04</b> ND	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

Trans. PAPE 2402 Nerrit Circle Sui         M. ACTEC         M. ACTEC </th <th>ite 105-Laguna Hi <i>rkct cf</i> <i>pate</i> <i>h</i>27 <i>b</i>9<i>8</i>6 <i>f</i>27 <i>b</i>9<i>8</i>6 <i>f</i>27 <i>b</i>9<i>8</i>6 <i>f</i>27 <i>b</i>9<i>8</i>6</th> <th>ills, CA-92653</th> <th>ID: ID: Inmediate I As Hour As Hour Normal I O I Inmediate</th> <th>24 Hour 72 Hour 5 Day Mobile No. of Containers</th> <th>Sof shorid XX Vouiz DiaXX Diazina XX Oir &amp; Grazo</th> <th>A Entrologicial Relation of the control of the cont</th> <th>Lab Project No.:</th> <th>Client LOGCODE Client LOGCODE Site Global ID Field Point Names/ Comments</th> <th></th>	ite 105-Laguna Hi <i>rkct cf</i> <i>pate</i> <i>h</i> 27 <i>b</i> 9 <i>8</i> 6 <i>f</i> 27 <i>b</i> 9 <i>8</i> 6 <i>f</i> 27 <i>b</i> 9 <i>8</i> 6 <i>f</i> 27 <i>b</i> 9 <i>8</i> 6	ills, CA-92653	ID: ID: Inmediate I As Hour As Hour Normal I O I Inmediate	24 Hour 72 Hour 5 Day Mobile No. of Containers	Sof shorid XX Vouiz DiaXX Diazina XX Oir & Grazo	A Entrologicial Relation of the control of the cont	Lab Project No.:	Client LOGCODE Client LOGCODE Site Global ID Field Point Names/ Comments	
we: X:	Time:     Shippec       Date     Shippec       Date     Carrier       Date     Receive       Date     Receive	d Via: Maybill No.) ed By: Nz Azhe B/2 ny: Seere Andy ad By:	ivel	Date: Date: Date: Date: Date: Date: Time:	FOR LABORA' Samples determine * - Samples determine FOR LABORA' For LABORA' For LABORA' For LABORA' For LABORA' For Property Lat	Total Number Laboratory es and the signature on the mute analysis specifier mute analysis specifier mute analysis specifier alto be hazardous by SIE by Laborator by Laborator by Laborator Sample Container s	of Containers Submitted af Containers Submitted sevain of custedy form constit ing between SIERRA's Terms ing between SIERRA's Terms ing between SIERRA's Terms and CLIEN RRA and CLIEN RRA and CLIEN of Containers Receive of Containers Receive Preservatives - Verif Other	to to Sample Disposal: and and and and and Lab Disposal* mos. and and and Data Disposal* mos. and and and and and and and and	

DISTRIBUTION: White - To Accommany Samples Yellow - Laboratory Copy. Pink - Field Personnel Copy

		x Routine In	vestigation			/ID Follow-U	p Fo	r			
GENERAL	SITE DESCRIP	TION		(NAD 83	decimal degr	ees to 5th place	:)				
Site ID	CB01-1			Latitude	32.732	57	Wat	Hydrolog	gic Unit	908	
Location	Catch basin near	r DHL area		Longitude	e -117.17	969	tersh	Hydrolog	gic Area	908	.2
Date	6/25/2009			TB Page	1288 H	1	ed	Hydrolog (Optional	gic Subare	e <b>a</b> 908	.21
Time	0751			Observer	KG, Al	ł	Dis (Op	charge Area otional)	a		
Land Use (Protocol) (Check one of	<b>rimary</b> ) nly)	🗆 Residenti	al 🗆 Com	mercial	x Industrial	□ Agricultur	al	□ Parks		🗆 Open	
Land Use (Se (Optional, gre	econdary) eater than 10%)	🗆 Residenti	al 🗆 Com	mercial	x Industrial	□ Agricultur	al	□ Parks		🗆 Open	
Conveyance (Check one of	nly)	□ Manhole	x Catch	n Basin	□ Outlet	□ Concrete Channel		🗆 Natural (	Creek	□ Earthen	Channel
ATMOSPH	IERIC CONDIT	IONS									
Weather Tide Last Rain	$\Box Sunny  \Box N/A  X > 72 hours$	$\Box$ Partly Clo $\Box$ Low $\Box < 72$ hour	oudy x Over x Incor	cast [ ning [	□ Fog □ High	□ Outgoing		Tide Heig	<b>ht:</b> ft	t.	
Rainfall	X None	$\Box < 0.1$ "	□ > 0 1	"							
RUNOFF (	"HARACTERIS"										
Odor Color	x None	☐ Musty x Yellow	□ Rot □ Bro	ten Eggs wn	□ Cher □ Whit	nical e	□ Sev □ Gra	vage iy		Other Other	
Clarity	x Clear		🗆 Slig	htly Cloudy	🗆 Opac	lne				Other	
Floatables Deposits	x None X None	☐ Trash □ Sediment/Grav	⊔ But el □ Fine	bles/Foam Particulates	□ Shee □ Stair	n s	$\Box$ Fec	al Matter	L	Other	
Vegetation	x None			mal		ssive		y Deposito		Other	
Biology	x None		🗆 Alg	ae	🗆 Snai	s/Fish	🗆 Mu	ssels/Barnacle	es 🗌	Other	
Flow Obser	rved 🗆 Yes	□ No x Po	onded 🗆 Tic	lal							
Does the sto	orm drain flow re	each the Receivi	ng Water?		$\Box$ Yes	□ No	x N/A				
Evidence of	f Overland Flow?	□ Yes	x No	Irrigation R	unoff 🛛	Other:					
Photo Take	en x Yes	□ No Pho	to #								
Field Screen	ing Samples Coll	actad? v Vas	□ No								
Water Temp	$(^{\circ}C)$ 21.6		NH3-N (mg/L)	.4	NO	3-N (mg/L)	1		React PO4	4 (mg/L)	.2
pH (pH units	6.76	,	TURB (NTU)	7.55	CO	ND (mS/cm)	.588		MBAS (m	g/L)	1
FLOW EST	TIMATION WO	RKSHEETS									
Flowi	ng Creek or Box C	ulvert	Fi	lling a Bottle	or Known Vol	ume			Flowin	ng Pipe	
Width		Ft Et	Volume Time to Fill			mL	-   -	Diameter Depth			Ft Ft
Velocity		ft/sec	Flow			gnm	-  -	Velocity			ft/sec
Flow		gpm	1100			Spin	$+$ $\vdash$	Flow			gpm
A			<b>X</b> 7			- I			I		~
Analytical La	aboratory Sampl	es Collected? Entero. (MPN/100mL)	x Yes	INO Fecal Col. (MPN/mL)		Chlorp	y.		Pb (i	ug/L)	
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/l	_)		Zn (a	ug/L)	
			·			,					
COMMENT	S: samples taken	. No obvious so	urce for water	·							
		x Routine Inve	stigation		IC/I	D Follow-Up	o Fo	r			
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GENERAL	SITE DESCRIPT	ION		(NAD 83	decimal degree	s to 5th place)					
Site ID	CB03-2			Latitude	32.72864		Wa	Hydrologic U	nit	908	
Location	East End of runwa	y near blast fence		Longitude	e -117.1784	43	tersh	Hydrologic A	rea	908.2	
Date	6/25/2009			TB Page	1288 J1		led	Hydrologic So (Optional)	ubarea	908.21	
Time	0739			Observer	KG, AH		Dis (Op	charge Area otional)			
Land Use (Pro) (Check one of	<b>rimary</b> ) nly)	Residential	Comn	nercial	x Industrial	Agricultural		Parks	Op	en	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residential	Comn	nercial	x Industrial	Agricultural		Parks	Op	ben	
Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	c Ea	rthen Cha	nnel
ATMOSPH	IERIC CONDITIC	ONS									
Weather	Sunny	Partly Cloud	y x Overc	ast	Fog	Outasina		Tido Usight.	A		
Last Rain	N/A > 72 hours	<pre>x Low &lt; 72 hours</pre>	x incom	ing	Fign	Outgoing		The reight:	it.		
Rainfall	x None	< 0.1"	> 0.1'	,							
RUNOFF (	CHARACTERIST	ICS									
Odor	None	Musty	Rott	en Eggs	Chemi	cal	Se	wage	x Othe	er <u>se</u>	awater
Color	None	Yellow	Brow	wn	White		Gr	ay	x Othe	er <u>se</u>	awater
Clarity	x Clear	<b>m</b> 1	Slig	htly Cloudy	Opaqu	Opaque Shoon		Fecal Matter		er	
r loatables Deposits	x None	Sediment/Gravel	Bud Fine	Particulates	Stains	Stains		ly Deposits	Oth	er er	
Vegetation	x None	Limited	Nor	nal	Excess	sive		.)	Oth	er	
Biology	x None	Insects	Alga	ne	Snails	'Fish	М	ussels/Barnacles	Oth	er	
Flow Obser	rved Yes	No Pone	ded x Tid	al							
Does the st	orm drain flow rea	ch the Receiving	Water?		Yes	No x	N/A	۱.			
Evidence o	of Overland Flow?	Yes	x No	Irrigation R	unoff O	ther:					
Photo Take	en x Yes	No Photo	#	<u> </u>							
Field Screen	uing Samples Colleg	cted? Yes	x No								
Water Tem	p(°C)	NI	13-N (mg/L)		NO3	N (mg/L)		Rea	ct PO4 (m	g/L)	
pH (pH unit	ts)	Τ(	J <b>RB</b> (NTU)		CON	D (mS/cm)		MB	AS (mg/L)		
FLOW ES	TIMATION WOR	KSHEETS									
Flow	ring Creek or Box Cu	lvert	Fi	lling a Bottle	or Known Volu	me	, r		Flowing Pi	pe	
Width Depth		$\frac{1}{10}$	Volume Time to Fill			mL sec	┥┝	Diameter	+	- It 	<b>—</b>
Velocity		ft/sec	Flow			gom	1	Velocity		ft/c	ec
Flow		gpm				or	┤┟	Flow	+	gnr	n
	1			<u></u> t		L	. L			1 512	: <u> </u>
Analytical L	Laboratory Sample	s Collected?	Yes	No Focal Cal	<u> </u>	Chloren			Dh (meth)	·····	
(mg/L)		Entero. (MPN/100mL)		(MPN/mL)	•	(ug/L)	•		<b>PD</b> (ug/L)		
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/L	)		Zn (ug/L)		
COMMEN	TS: Salinity	greater than 3.4	% indicates	seawater in	basin.						

	vestigation	IC/ID Follow-Up For											
GENERAL	SITE DESCRI	PTION		(NAD 83	decima	l degree	s to 5th place	)					
Site ID	CB05-3			Latitude	3:	2.73782		Wa	Hydrol	ogic Unit		908	
Location	Rental car park	ing area	-	Longitude	e -1	17.1831	1	tersn	Hydrol	ogic Area		908.2	
Date	6/25/2009			TB Page	12	268 H7		ea	- Hydrol (Option	ogic Subar al)	·ea	908.21	
Time	0600			Observer	К	G		D (C	ischarge Aı Optional)	ea			
Land Use (Pr (Check one or	rimary) nly)	Residentia	al Com	nercial	x Indus	trial	Agricultura	1	Parks		Oper	1	
Land Use (Se (Optional, gre	econdary) ater than 10%)	Residentia	al Com	nercial	x Indus	trial	Agricultura	1	Parks		Oper	1	
Conveyance (Check one or	nly)	Manhole	x Catch	Basin	Outle	t	Concrete Channel		Natura	l Creek	Earth	en Channel	
ATMOSPH	ERIC CONDIT	IONS										· · · ·	
Weather	Sunny	Partly Clo	udv x Overc	ast	Fog								
Tide	N/A	x Low	X Inco	ming	High		Outgoing		Tide He	ight:	ft.		
Last Rain	x > 72 hours	< 72 hours	6										
Rainfall	x None	< 0.1"	> 0.1'	,									
RUNOFF C	HARACTERIS	TICS											
Odor	x None	Musty	Rott	en Eggs		Chemic	al	Se	ewage		Other		
Color	None	x Yellow	Brov	wn		White		G	ray		Other		
Clarity	x Clear		Slig	htly Cloudy		Opaque		_			Other	<u> </u>	
Floatables Denosite	x None	Trash	Bub 1 v Fine	bles/Foam		Sheen		Fe	cal Matter		Other		
Vegetation	None	x Limited	Nor	nal		Excession		0	ity Deposits		Other		
Biology	None	x Insects	Alga	ie		Snails/F	ish	М	ussels/Barna	cles	Other		
Flow Obser	ved Yes	x No Po	nded Tid	al									
Does the sto	orm drain flow r	each the Receivin	ng Water?		Ye	s	x No	N//	A				
Evidence of	<b>Overland Flow</b> ?	Yes	No	Irrigation Ru	unoff	x Oth	er: Parking lo	ot us	es water for	dust contro	ol.		
Photo Take	n x Yes	No Phot	o #	_									
ield Screeni	ng Samnles Coll	ected? x Yes	No										
Water Temp	(°C) 20.4		H3-N (mg/L)	.5		NO3-N	(mg/L)	0		React PO	4 (mg/L	.) .3	
pH (pH units)	) 7.14	Т	URB (NTU)	2.2		COND	(mS/cm)	1403	7	MBAS (m	ıg/L)	.75	
FLOW EST	IMATION WOI	RKSHEETS											
Elowir			TP2 II	ling a Dattle a		- Volum	_			T31			
Width			Volume		or Kilow		mI.	L [	Diameter	Flowin	ig ripe	Ft	
Depth		ft	Time to Fill				sec	ŀ	Depth			Ft	
Velocity		ft/sec	Flow				gpm		Velocity			ft/sec	
Flow		gpm						ŀ	Flow			Gpm	
nalytical La	boratory Samu	es Collected?	Ves	No				-					
O&G (mg/L)		Entero.	103	Fecal Col.			Chlorpy.	•		Pb (	ug/L)		
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon			Cd (ug/L)			Zn (	ug/Ľ)	,	
<u></u>		(MAX ** 100 mL)								L			
OMMENTS	: Water i	n catch basin fro	om dust sunnr	ession water	r truck								
		VAJIL IIV	wast suppt		utn								

		x Routine Inv	estigation		IC/II	D Follow-Up	o Fo	r			
GENERAL	SITE DESCRIPT	ION		(NAD 83	decimal degrees	s to 5th place)		•			
Site ID	CB05-4			Latitude	32.73063		Wat	Hydrologic Un	it	908	
Location	By runway light v	aults		Longitude	-117.1830	1	ersh	Hydrologic Ar	ea	908.2	
Date	6/25/2009			TB Page	1288 G1		ed	Hydrologic Sul (Optional)	barea	908.21	
Time	0730			Observer	KG, AH		Dis (Of	<b>charge Area</b> ptional)			
Land Use (Pr (Check one or	<b>imary)</b> 1ly)	Residential	Comn	nercial	x Industrial	Agricultural	l	Parks	Оре	en	
Land Use (Se (Optional, gre	condary) ater than 10%)	Residential	Comr	nercial	x Industrial	Agricultural	l	Parks	Оре	en	
Conveyance (Check one or	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	Ear	then Channel	
ATMOSPH	ERIC CONDITIO	DNS							· · · · · · · · · · · · · · · · · · ·		
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clou x Low < 72 hours	idy x Overc x Incom	ast ning	Fog High	Outgoing		Tide Height:	ft.		
Rainfall	x None	< 0.1"	> 0.1'	,							
RUNOFF (	CHARACTERIST	ICS									
Odor	x None	Musty	Rott	ten Eggs	Chemic	al	Se	wage	x Other	r <u>Seawat</u>	ter
Color	x None	Yellow	Bro	wn	White		Gr	ay	x Other	r <u>Seawat</u>	ter
Clarity Floatables	Clear x None	Trash	Slig	htly Cloudy bles/Foam	Opaque	2	Fee	ral Matter	Othe	ר יר	
Deposits	x None	Sediment/Grave	l Fine	Particulates	Stains		Oil	ly Deposits	Othe	а Г	
Vegetation	x None	Limited	Nor	mal	Excessi	ive			Othe	er	
Biology	x None	Insects	Alg	ae	Snails/I	Fish	Мι	issels/Barnacles	Othe	er	
Flow Obser	ved Yes	x No Poi	nded x Tid	al							
Does the ste	orm drain flow rea	ch the Receivin	g Water?		Yes	No x	N/A	L .			
Evidence of	f Overland Flow?	Yes	x No	Irrigation R	unoff Ot	her:		<u> </u>			
Photo Take	en x Yes	No Phot	o #					2			
Field Screen	ing Samples Collec	cted? Yes	x No								
Water Temp	(°C)	N	H3-N (mg/L)		NO3-l	N (mg/L)		Reac	t PO4 (mg	g/L)	
pH (pH unit	s)	1	URB (NTU)		CONI	D (mS/cm)		MBA	S (mg/L)		
FLOW EST	FIMATION WOR	KSHEETS									
Flow	ing Creek or Box Cu	lvert	Fi	lling a Bottle	or Known Volur	ne	ו ר	F	lowing Pip	be	<b>-</b> ]
Depth		n ft	Time to Fill			sec	┥┝	Diameter		ft	
Velocity		ft/sec	Flow			gpm	1	Velocity		ft/sec	
Flow		gpm					1 t	Flow		gpm	
Analytical L	aboratory Sample	s Collected?	Yes	x No							
O&G (mg/L)		Entero. (MPN/100mL)		Fecal Col. (MPN/mL)	,	Chlorpy (ug/L)	<b>'</b> •		Pb (ug/L)		
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/L	)		Zn (ug/L)		

COMMENTS: Water in catch basin has salinity above 3.8%\_\_\_\_\_

		x Routine Invest	igation		IC/II	Follow-Up	o Foi	•		
GENERAL	SITE DESCRIP	TION	(	NAD 83 d	ecimal degrees	to 5th place)				
Site ID	CB06-5		L	atitude	32.73584	52 -	Wat	Hydrologic Uni	it 9	08
Location	East of control to	ower	L	ongitude	-117.1863	7	lersh	Hydrologic Are	ea 9	08.2
Date	6/25/09		Т	B Page	1268 G7		ed	Hydrologic Sul (Optional)	barea 9	08.21
Time	0823		0	bserver	KG, AH		Disc (Op	tional)		
Land Use (Pro) (Check one of	<b>rimary</b> ) nly)	Residential	Commerc	ial x	k Industrial	Agricultural		Parks	Open	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residential	Commerc	ial x	(Industrial	Agricultural		Parks	Open	
Conveyance (Check one of	nly)	Manhole	x Catch Bas	sin	Outlet	Concrete Channel		Natural Creek	Earthe	n Channel
ATMOSPH	IERIC CONDIT	IONS	<u> </u>							
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overcast x Incoming		Fog High	Outgoing		Tide Height:	ft.	
Rainfail	x None	< 0.1"	> 0.1"							
RUNOFF (	CHARACTERIS	TICS								
Odor	x None	Musty	Rotten I	Eggs	Chemic	al	Sev	vage	Other	
Color	None	None x Yellow Brown			White		Gra	У	Other	
Clarity	Clear	Trach	Slightly	Cloudy (Foam	Opaque		Fee	al Matter	Other	
Deposits	None	x Sediment/Gravel	Fine Pa	rticulates	Stains		Oil	y Deposits	Other	
Vegetation	x None	Limited	Normal		Excessi	ve		<b></b>	Other	
Biology	x None	Insects	Algae		Snails/F	ish	Mu	ssels/Barnacles	Other	
Flow Obser	rved Yes	x No Ponde	d Tidal							
Does the st	orm drain flow r	each the Receiving V	Vater?		Yes	No x	N/A			
Evidence o	f Overland Flow	? Yes	k No Irr	igation Ru	noff Otl	ner:				
Photo Tak	en x Yes	No Photo #								
Field Screen	ing Samples Col	lected? Yes	No							
Water Tem	p (°C)	NH3	-N (mg/L)		NO3-N	l (mg/L)		React	t PO4 (mg/L	)
<b>pH</b> (pH unit	ts)		UB (NTU)		CONI	(mS/cm)		MBA	.5 (mg/L)	
FLOW ES	TIMATION WO	RKSHEETS								
Flow	ving Creek or Box (	Culvert	Fillin	g a Bottle o 	r Known Volun	1e ml	ור	Fi Diameter	lowing Pipe	
Depth			me to Fill			sec	$\uparrow$	Depth		ft
Velocity		ft/sec Fl	ow	1		gpm	1	Velocity		ft/sec
Flow		gpm					1 [	Flow		gpm
Analytical I	aboratory Samn	les Collected?	Yes	No			_			
O&G (mg/L)		Entero. (MPN/100mL)		Fecal Col. (MPN/mL)		Chiorpy (ug/L)	· ·		Pb (ug/L)	
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/L	.)		<b>Zn</b> ( <i>ug/</i> L)	ε.

COMMENTS: Salinity of water in catch basin is 3.7% indicating seawater\_\_\_\_

		x Routine Inve	estigation		IC/II	) Follow-Up	o Fo	r			
GENERAL	SITE DESCRIPT	TION		(NAD 83 c	lecimal degrees	to 5th place)					
Site ID	CB07-6			Latitude	32.73085		Wat	Hydrologic	2 Unit	908	
Location	OWS @ AA Stag	ging area		Longitude	-117.1932	3	tersho	Hydrologic	c Area	908.2	
Date	6/25/2009			TB Page	1288 F1		ed	Hydrologic (Optional)	: Subarea	908.2	1
Time	0658			Observer	KG, AH		Dis (Op	charge Area			
Land Use (Proceed) (Check one of	<b>rimary)</b> nly)	Residential	Comr	nercial	x Industrial	Agricultura	I	Parks	о	pen	
Land Use (So (Optional, gro	econdary) eater than 10%)	Residential	Comr	nercial	x Industrial	Agricultura	1	Parks	o	pen	
Conveyance (Check one o	nly)	x Manhole	Catch	Basin	Outlet	Concrete Channel		Natural Cr	reek E	arthen Ch	annel
ATMOSPH	IERIC CONDITI	ONS									
Weather	Sunny	Partly Cloue	dy x Overc	ast	Fog						
Tide	N/A	x Low	Incon	ning	High	Outgoing		Tide Height	::ft.		
Last Kall	x None	< 0.1"	>01	,							
Rainiai			> 0.1								
	None	Musty	Pot	en Faac	Chemic	al	Se	ware	x Oth	her	NÅ
Color	None	Yellow	Bro	wn	White	ai	Gr	av	x Oth	ner	N/A
Clarity	Clear	101101	Slig	htly Cloudy	Opaque			-,	X Ot	her —	N/A
Floatables	x None	Trash	Bub	bles/Foam	Sheen		Fee	cal Matter	Ot	her	
Deposits	None	x Sediment/Gravel	x Fine	Particulates	Stains	_	x Oil	y Deposits	Ot	her	
Vegetation	x None	Limited	Nor	mal	Excessi	ve			Ot	her	
Biology	x None	Insects	Alg	ae	Snails/I	Fish	Μı	ussels/Barnacles	i Oti	her _	
Flow Obse	rved Yes	x No Pon	ded Tid	al							
Does the st	orm drain flow re	each the Receiving	g Water?		Yes	x No	N/A	A		e.	
Evidence o	of Overland Flow?	Yes	x No	Irrigation Ru	unoff Ot	her:			_		
Photo Tak	en x Yes	No Photo	)#						58		
Field Screen	ning Samples Coll	ected? Ves	x No								
Water Tem	D(°C)		H3-N (mg/L)		NO3-1	N (mg/L)			React PO4 (r	ng/L)	
pH (pH uni	ts)	Т	URB (NTU)		CONI	D (mS/cm)		ר	MBAS (mg/L	)	
FLOW ES	TIMATION WO	RKSHEETS									
Flow	ving Creek or Box C	ulvert	Fi	lling a Bottle	or Known Volur	ne			Flowing P	ipe	
Width		ft	Volume			mL	╡┝	Diameter		ft	
Depth		ft	Time to Fill			sec	┥┝	Depth		ft	,
Velocity	_	tt/sec	Flow			gpm	┥┝	velocity		- ft	/sec
Flow		gpm				L	Jl	rlow		g	pm
Analytical I	Laboratory Sampl	es Collected?	Yes	x No							
O&G		Entero. (MPN/100mL)		Fecal Col.		Chlorp	y.		Pb (ug/L	.)	
Hardness		Total Col.		Diazanon		Cd (ug/1	_)		Zn (ug/L	_)	
(mg/L)	· _ · · · · ·			(ng/L)		I		1	l	I	
COMMEN	TS: <u>Moist</u>	area but not enou	gh to sample	, not ponded	l.						

		x Routine In	vestigation		IC/I	D Follow-Uj	p Fo	r		
GENERAL	SITE DESCRIPT	LION		(NAD 83	decimal degree	s to 5th place)	)	-		
Site ID	Сь07-7			Latitude	32.73000		Wa	Hydrologic Ur	nit	908
Location	Inlet in West win	g parking lot		Longitud	e -117.193	90	tersh	Hydrologic Ar	rea	908.2
Date	6/25/2009			TB Page	1288 F1		led	Hydrologic Su (Optional)	ibarea	908.21
Time	0633			Observer	KG, AH		Dis (Op	Discharge Area (Optional)		
Land Use (Production (Product)) (Check one of	<b>rimary</b> ) nly)	Residentia	l Comr	nercial	x Industrial	Agricultural	l	Parks	Ор	en
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residentia	l Comr	nercial	x Industrial	Agricultural	I	Parks	Ор	en
Conveyance (Check one or	nly)	Manhole	Catch	Basin	Outlet	x Concrete Channel		Natural Creek	Ear	then Channel
ATMOSPH	IERIC CONDITI	ONS								
Weather	Sunny	Partly Clo	udy x Overc	ast	Fog	Outering		Tida Haiabta	Δ.	
Tide Last Rain	N/A x > 72 hours	x Low < 72 hours	Incon	ung	High	Outgoing		The Height:	1L.	
Rainfall	x None	< 0.1"	> 0.1'	,						
RUNOFF C	CHARACTERIST	TICS								
Odor	None	Musty	Rott	en Eggs	Chemie	cal	Sev	vage	x Othe	r <u>Dry</u>
Color	None	Yellow	Broy	wn	White	_	Gra	ıy	x Othe	r <u>Dry</u> r Dry
Clarity	Clear	Tuesh	Slig	htly Cloudy	Opaque	8	Fee	al Matter	X Oule Othe	r <u>Dry</u>
Deposits	None	x Sediment/Grave	1 x Fine	Particulates	Stains		Oil	y Deposits	Othe	er
Vegetation	x None	Limited	Norr	mal	Excess	ive			Othe	r
Biology	x None	Insects	Alga	e	Snails/	Fish	Mu	ssels/Barnacles	Othe	r
Flow Obser	ved Yes	x No Po	nded Tid	al						
					V.	N	<b>NT/A</b>			
Does the sto	orm drain flow rea	ach the Receivin	ig Water?		Yes	NO X	N/A			
Evidence of	Overland Flow?	Yes	x No	Irrigation R	unoff Ot	her:				
		DI Dha	. <b>н</b>							
Photo Take	en x Yes	No Pho	:0 #							
Field Screeni	ing Samples Colle	cted? Ves	v No							
Water Temp	(°C)		NH3-N (mg/L)		NO3-	N (mg/L)		Reac	t PO4 (mg	/L)
pH (pH units	( <u> </u>		TURB (NTU)		CONI	D (mS/cm)	_	MBA	<b>S</b> (mg/L)	
FLOWFST	TWATION WOD	VSUFETS								
FLUW ESI		KSHEE15	173*1	P				171	louing Din	•
Flowi Width	ng Creek or Box Cu	ft	Volume	ung a Bottle	UI MIOWII VOIUI	mL	Г	Diameter	owing rip	ft
Depth		ft	Time to Fill			sec		Depth		ft
Velocity		ft/sec	Flow	-		gpm		Velocity		ft/sec
Flow		gpm						Flow		gpm
Analytical F	abaratan Samula	e Collected?	Vec	x No						
O&G	auvratury Sample	Entero.		Fecal Col.		Chlorpy.	•		Pb (ug/L)	
(mg/L)		(MPN/100mL)		(MPN/mL)		(ug/L)	<u> </u>	╂──────┣	<b>Zn</b> (110/1)	
maraness (mg/L)		(MPN/100mL)		(ug/L)						
<u> </u>										
COMMENT	<u> </u>									
	3.									

		x Routine Inv	estigation		x IC/II	D Follow-Up	o For	5/26/0	9	<u> </u>	
GENERAL	SITE DESCRIPT	TION		(NAD 83 (	decimal degree	s to 5th place)					
Site ID	CB08-8			Latitude	32.73368		Wat	Hydrolog	ic Unit	908	
Location	Terminal 1 slit tre	ench gate 9		Longitude	-117.1967	73	ersh	Hydrolog	ic Area	908.	2
Date	6/25/2009			TB Page	1288 FI		ed	Hydrolog (Optional)	ic Subarea	908.	21
Time	0854			Observer	KG, Ah		Disc (Op	<b>charge Area</b> tional)			
Land Use (Pr (Check one or	<b>rimary)</b> nly)	Residentia	Comn	nercial	x Industrial	Agricultura	I	Parks		Open	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residentia	Comm	nercial	x Industrial	Agricultura	1	Parks		Open	
Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural C	Creek	Earthen C	Channel
ATMOSPH	ERIC CONDITI	ONS									
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clou x Low < 72 hours	idy x Overc x Incom	ast ing	Fog High	Outgoing		Tide Heigl	n <b>t:</b> ft.		
Rainfall	x None	< 0.1"	> 0.1'	,							
RUNOFF (	CHARACTERIST	TICS									
Odor	x None	Musty	Rott	en Eggs	Chemic	cal	Sev	/age	c	Other _	
Color Clority	None	x Yellow	x Brov	vn stly Cloudy	White		Gray			Other _	
Floatables	None	x Trash	Bub	bles/Foam	x Sheen		Fec	al Matter	(	)ther _	
Deposits	x None	Sediment/Grave	l Fine	Particulates	Stains		Oil	y Deposits	(	Other	
Vegetation	x None	Limited	Nor	mal	Excess	ive			(	Other _	
Biology	x None	Insects	Alga	ie	Snails/	Fish	Mu	ssels/Barnacle	s (	Other _	<u> </u>
Flow Obser	ved Yes	x No Por	nded Tid	al							
Does the sto	orm drain flow re	ach the Receivin	g Water?		Yes	x No	N/A				
Evidence of	f Overland Flow?	Yes	x No	Irrigation Ru	unoff Ot	her:					
Photo Take	en x Yes	No Phot	o #	_							
Field Screen	ing Samples Colle	ected? x Yes	No								
Water Temp	(°C) 23.7	N	H3-N (mg/L)	4	NO3-	N (mg/L)	<.25		React PO4	(mg/L)	.4
pH (pH unit	s) 7.29	] ]	URB (NTU)	11.6	CONI	D (mS/cm)	2.67		MBAS (mg/	L)	3+
FLOW EST	FIMATION WOR	RKSHEETS									
Flow	ing Creek or Box Cu	ulvert	Fil	ling a Bottle o	or Known Volui	ne	, r	D:	Flowing	Pipe	
Depth		n ft	Time to Fill			mL sec	┥┝	Diameter Depth		<u> </u>	- <u>t</u>
Velocity		ft/sec	Flow			gpm	1	Velocity			t/sec
Flow		gpm					1	Flow			Spm
Applytical I	aboratory Sampl	os Collected?	v Voc	No							
O&G		Entero.	A 1 CS	Fecal Col.		Chlorpy	·		Pb (ug	/L) [	
(mg/L)		(MPN/100mL)		(MPN/mL)		(ug/L)			("5	· ·	
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)	-	Cd (ug/L	.)		Zn (ug	/L)	
										·	

COMMENTS: \_\_\_\_

due to color of water (yellow/brown) field test kits had unclear results. Lab sample was taken

		x Routine Inv	estigation		IC/II	) Follow-Up	o For	11		
GENERAL	SITE DESCRIPT	ION		(NAD 83 d	lecimal degrees	to 5th place)				
Site ID	CB12-9			Latitude	32.73516	-	¥ Hydro	ologic Unit	908	
Location	Inlet at T-2 West			Longitude	-117.2044	4	Hydro	ologic Area	908.	2
Date	6/25/09			TB Page	1268 E7		E Hydro (Optic	ologic Subarea onal)	908.	21
Time	0713			Observer	KG, Ah		Discharge A (Optional)	Area		
Land Use (Pr (Check one or	<b>rimary)</b> nly)	Residential	Comr	nercial	x Industrial	Agricultural	l Park	s	Open	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residential	Comr	nercial	x Industrial	Agricultural	l Park	S	Open	
Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel	Natu	ıral Creek	Earthen C	hannel
ATMOSPH	ERIC CONDITIO	ONS					C .			
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clou x Low < 72 hours	idy x Overc x Incon	ast ling	Fog High	Outgoing	Tide F	<b>leight:</b> ft.		
Rainfall	x None	< 0.1"	> 0.1	,						
<b>RUNOFF</b> (	CHARACTERIST	ICS								
Odor	None	Musty	Rot	en Eggs	Chemic	al	Sewage	хC	Other	Seawater
Color	None	Yellow	Bro	wn	White		Gray	x C	Other _	Seawater Seawater
Clarity Floatables	Clear X None	Trash	Siig Bub	htly Cloudy bles/Foam	Sheen		Fecal Matter	· (	Other _	Seawater
Deposits	None	X Sediment/Grave	l Fine	Particulates	Stains		Oily Deposit	ts (	Other	
Vegetation	X None	Limited	Nor	mal	Excessi	ve			Other	
Biology	X None	Insects	Alg	ae	Snails/F	'ish	Mussels/Bar	nacles (	Other _	
Flow Obser	rved Yes	No Por	nded X Tic	lal						
Does the st	orm drain flow rea	ach the Receivin	g Water?		Yes	No	N/A			
Evidence o	f Overland Flow?	Yes	X No	Irrigation Ru	inoff Ot	her:				
Photo Take	en X Yes	No Phot	o #							
Field Screen	ing Samples Colle	cted? Yes	X No							
Water Tem	p (°C)	N	H3-N (mg/L)		NO3-N	N (mg/L)		React PO4	(mg/L)	
<b></b>	s)	7	URB (NTU)		CONE	) (mS/cm)			/L)	
FLOW ES	TIMATION WOR	RKSHEETS								
Flow	ing Creek or Box Cu	lvert	Fi	lling a Bottle o	or Known Volun	ne mi	Diameter	Flowing	Pipe	·
Depth		ft	Time to Fill			sec	Depth		1	ît de la constant de
Velocity		ft/sec	Flow			gpm	Velocity		1	ft/sec
Flow		gpm					Flow		1	gpm
Analytical T	aboratory Samal	es Collected?	Vec	X No						
O&G (mg/L)		Entero. (MPN/100mL)	1 63	Fecal Col. (MPN/mL)		Chlorpy (ug/L)	7.	Pb (ug	₂/L)	
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/L	.)		g/L)	

COMMENTS: Some pooled water in catch basin Salinity=3.5%\_

	:	x Routine Inv	estigation		IC/I	D Follow-Up	For	•		
GENERAL	SITE DESCRIPTI	ON		(NAD 83 d	lecimal degree	es to 5th place)			····· 1 ·····	
Site ID	CB09-10			Latitude	32.72993		Wat	Hydrologic Uni	it 90	8
Location	Inlet at T-2 West			Longitude	-117.197	48	ershe	Hydrologic Are	ea 90	8.2
Date	6/25/09			TB Page	1299 FI		ä	Hydrologic Sul (Optional)	parea 90	8.21
Time	0640			Observer	KG, Ah		Disc (Op	tional)		
Land Use (Pr (Check one or	<b>rimary</b> ) nly)	Residential	Comn	nercial	x Industrial	Agricultural		Parks	Open	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residential	Com	nercial	x Industrial	Agricultural		Parks	Open	
Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	Earther	Channel
ATMOSPH	IERIC CONDITIO	INS								<u></u>
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clou x Low < 72 hours	dy x Overc x Incom	ast ing	Fog High	Outgoing		Tide Height:	ft.	
Rainfall	x None	< 0.1"	> 0.1'	,						
RUNOFF (	CHARACTERIST	(CS								
Odor	None	Musty	Rott	ten Eggs	Chem	ical	Sev	vage	x Other	Dry
Color	None	Yellow	Bro	wn hthy Cloudy	White	16	Gra	ıy	x Other	Dry Dry
Floatables	X None	Trash	Bub	bbles/Foam Sheen Fe		Fec	al Matter	Other		
Deposits	None	Sediment/Grave	x Fine	Particulates	Stains		Oil	y Deposits	Other	
Vegetation	X None	Limited	Nor	mal	Exces	sive			Other	·
Biology	X None	Insects	Alg	ae	Snails	/Fish	Mu	issels/Barnacles	Otner	
Flow Obse	rved Yes	x No Por	nded Tid	lal						
Does the st	orm drain flow rea	ch the Receivin	g Water?		Yes	No	N/A	L .		
Evidence o	f Overland Flow?	Yes	x No	Irrigation Ru	inoff C	Other:				
Photo Tak	en X Yes	No Phot	o #	_						
Field Screen	ing Samples Colle	cted? Yes	X No							
Water Tem	p (°C)	N	IH3-N (mg/L)		NO3	-N (mg/L)		Reac	t PO4 (mg/L)	
_ <b>pH</b> _(pH unit	ts)	1	URB (NTU)			D (mS/cm)		MBA	S (mg/L)	
FLOW ES	TIMATION WOR	KSHEETS						c		
Flow	ring Creek or Box Cu	lvert	Fi	illing a Bottle	or Known Volu	ime mi	л г	<u>F</u>	lowing Pipe	ft
Depth		ft	Time to Fill			sec	1	Depth		ft
Velocity		ft/sec	Flow			gpm	] [	Velocity		ft/sec
Flow		gpm					] [	Flow		gpm
Analytical I	aboratory Sample	s Collected?	Vec	X No						
O&G		Entero.	10	Fecal Col.		Chlorp	٧.	T	<b>Pb</b> ( <i>ug</i> /L)	
(mg/L)		(MPN/100mL)		(MPN/mL)		(ug/L)				
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/I	.)		<b>Zn</b> (ug/L)	
										<del></del>

COMMENTS: Dry\_\_\_\_

SITE ID:	CB01-1	DATE:	6/25/2009
LOCATION:	WEST OF LANDMARK	Тіме:	0751
OBSERVER:	KRIS GREEN/ANNIE HILL		
PREVIOUS TR	ASH ASSESSMENT RATING:	ΟΡΤΙΙ	MAL
	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	<b>x Optimal</b> 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	nal 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, 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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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:	CB03-2	DATE:	6/25/2009	
LOCATION:	EAST END OF RUNWAY	Тіме:	0739	
OBSERVER:	KRIS GREEN/ ANNIE HILL			
PREVIOUS TRA	ASH ASSESSMENT RATING:			

20x20

ESTIMATED AREA OF ASSESSMENT L X W (FT):

Amount and Extent of Trash		
EVALUATION OF TR		
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.	
	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)		
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.	
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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:	CB05-3	DATE: 6/25/2009
LOCATION:	RENTAL CAR PARKING LOT	Тіме: 0600
OBSERVER:	KRIS GREEN	
PREVIOUS TRA	SH ASSESSMENT RATING:	OPTIMAL
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. 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)		
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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:	CB05-4	DATE:	6/25/2009
LOCATION:	BY RUNWAY LIGHT VAULT	Тіме:	0730
OBSERVER:	KRIS GREEN, ANNIE HILL		
PREVIOUS TRA	ASH ASSESSMENT RATING:	ΟΡΤΙ	MAL
ESTIMATED AREA OF ASSESSMENT L X W (FT):		20x2	0

Amount and Extent of Trash		
EVALUATION OF TR		
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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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:	CB06-5	DATE: 6/25/2009	
LOCATION:	EAST OF CONTROL TOWER	Тіме: 0823	
OBSERVER:	KRIS GREEN/ ANNIE HILL		
PREVIOUS TRA	SH ASSESSMENT RATING:	ΟΡΤΙΜΑL	
ESTIMATED AREA OF ASSESSMENT L X W (FT):		_20x20	

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).	

Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)		
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.	
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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:	CB07-6	DATE:	6/25/2009
LOCATION:	OWS AT AA MAINTENANCE YARD	TIME:	0658
OBSERVER:	KRIS GREEN/ANNIE HILL		
PREVIOUS TRASH ASSESSMENT RATING:		Орти	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)		
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.	
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.	

Undated April 20, 2000

SITE ID:	CB07-7	DATE:	6/25/2009	
LOCATION:	CB AT WEST WING PARKING	Тіме:	0633	
OBSERVER:	KRIS GREEN/ANNIE HILL			
PREVIOUS TRASH ASSESSMENT RATING:		ΟΡΤΙΙ	MAL	

50x50

ESTIMATED AREA OF ASSESSMENT L X W (FT):

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).	

Site Evalua	Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)		
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.		
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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:	CB08-8	DATE:	6/25/2009	
LOCATION:	T1 GATE 9 SLIT TRENCH	TIME:	0854	
OBSERVER:	KRIS GREEN/ ANNIE HILL			
PREVIOUS TR	ASH ASSESSMENT RATING:	SUBC	PTIMAL	
ESTIMATED AREA OF ASSESSMENT L X W (FT):		20x2	0	S

Amount and Extent of Trash	
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).

Site Evalua	Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)		
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.		
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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:	CB12-9	DATE:	6/25/2009	
LOCATION:	INLET W END OF T2	Тіме:	0713	
OBSERVER:	KRIS GREEN/ ANNIE HILL			
PREVIOUS TRA	SH ASSESSMENT RATING:	ΟΡΤΙΙ	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).	

Site Evalua	Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)		
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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:	CB09-10	DATE:	6/25/2009	
LOCATION:	TERMINAL 1 PARKING LOT	Тіме:	0640	
OBSERVER:	KRIS GREEN. ANNIE HILL			
PREVIOUS TRA	SH ASSESSMENT RATING:	ΟΡΤΙΙ	MAL	
	EA 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).							

Site Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.



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,

nd X. Foryth

Richard 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.



MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego CA, 92123	Project: San Diego A Project Number: [none] Project Manager: Amanda Arcl	Airport henhold		<b>Reported:</b> 07/02/09 11:43		
	ANALYTICAL REPORT FOR SAMPL	ES				
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.QA/QC CRITERIA:All quality objective criteria were met, except as noted in the report with data qualifiers.

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



MACTEC Engineering & Consulting 9177 Sky Park Court Suite A	Project: Project Number:	San Diego Airport [none]	Reported:
San Diego CA, 92123	Project Manager:	Amanda Archenhold	07/02/09 11:43
ľ	Microbiological Parameters	by APHA Standard Methods	

Sierra Analytical Labs, Inc.									
Analyte	Result	Reportin Lim	g it Units	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	600	20	MPN/100 mL	10	B9F2523	06/25/09	06/25/09 15:45	SM 9230B	
Fecal Coliforms	110	20		"	"	"	"	SM 9221E	H-01
Total Coliforms	17000	200	"	100	"	"		SM 9221B	
CB01-1-6-25-09 (0906513-02) Liquid	Sampled: 06/25/09	07:51	Received: 06	/25/09 13	3:30				
Enterococcus	900	20	MPN/100 mL	10	B9F2523	06/25/09	06/25/09 15:45	SM 9230B	
Fecal Coliforms	90	20		"	"	"	"	SM 9221E	H-01
Total Coliforms	4000	200		100	"	"	"	SM 9221B	

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



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MACTEC Engineering & Consulting		Pro	oject: S	an Diego A	irport				
9177 Sky Park Court Suite A		Project Nur	nber: [r	none]				Reporte	d:
San Diego CA, 92123		Project Man	ager: A	manda Arch	enhold			07/02/09 1	1:43
Co	nventional Ch	emistry P	arame	eters by A	PHA/EP	A Meth	ods		
		Sierra An	alytic	al Labs, I	nc.				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8-6-25-09 (0906513-01) Liquid	Sampled: 06/25/0	908:54 Re	eceived	: 06/25/09 13	3:30				
Total Hardness	540	0.400	mg/L	1	B9F2926	06/29/09	06/29/09 09:31	SM 2340 C	
Hexane Extractable Material (HEM)	12.4	2.00	"	"	"	"	"	EPA 1664	
CB01-1-6-25-09 (0906513-02) Liquid	Sampled: 06/25/0	907:51 Re	eceived	: 06/25/09 13	3:30				
Total Hardness	228	0.400	mg/L	1	B9F2926	06/29/09	06/29/09 09:31	SM 2340 C	
Hexane Extractable Material (HEM)	2.30	2.00	"	"	"	"	"	EPA 1664	

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



MACTEC Engineering & Consulting 9177 Sky Park Court Suite A	Project: San Diego Airpor Project Number: [none]	Reported:
San Diego CA, 92123	Project Manager: Amanda Archenhol	d 07/02/09 11:43
	Metals (Dissolved) by EPA 200 Series M	lethods
	Sierra Analytical Labs, Inc.	

		Reporting	TT '4	D'1 (	D ( 1	D 1	A 1 1		N. (
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB08-8-6-25-09 (0906513-01) Liquid	Sampled: 06/25/09	908:54 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	907:51 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	"	"	"	"	"		

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



Lead

Zinc

MACTEC Engineering & Consulting		Pr	oject: Sa	an Diego A	irport					
9177 Sky Park Court Suite A		Project Nu	mber: [n	one]					Reporte	d:
San Diego CA, 92123		Project Mar	nager: A	manda Arch	enhold				07/02/09 1	1:43
Met	als (Dissolved	) by EPA	200 Ser	ies Metho	ds - Qua	lity Cont	trol			
		Sierra Aı	nalytica	al Labs, I	nc.					
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B9G0107 - EPA 200 Series										
Blank (B9G0107-BLK1)				Prepared:	06/30/09	Analyzed	l: 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	l: 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)	Sour	ce: 090651	3-02	Prepared:	06/30/09	Analyzed	l: 07/01/09			
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)	Sour	ce: 090651	3-02	Prepared:	06/30/09	Analyzed	l: 07/01/09			
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	

"

..

100

100

0.56

230

96.7

92.0

70-130

70-130

1.55

2.83

20

20

4.0

2.0

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

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MACTEC	Engineering & Consulting	Project:	t: San Diego Airport					
9177 Sky Park Court Suite A Project Num			[none]	Reported:				
San Diego	CA, 92123	Project Manager:	Amanda Archenhold	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								

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



Certificate of Analysis

Report Date: Friday, July 17, 2009 Received Date: Friday, June 26, 2009 Received Time: 11:24 am Turnaround Time: Normal

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

P.O. #:

26052 Merit Circle, Suite 105 Laguna Hills, CA 92653 Attn: Nick Forsyth

Client: Sierra Analytical

**Project:** 0906513

Lab Sample ID: 9F26019-01	Sample ID:	CB08	-8-6-25-0	09 (0906513-01)					Ма	trix: Water
Sampled by: Client	Sampled: 06/2	25/09 08	8:54							
Analyte	Result	DL	RL	Units Di	il	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	
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	
Tokuthion (Prothiofos)	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 Sampled by: Client	Sample ID: Sampled: 06/2	CB01 25/09 07	-1-6-25 ':51	-09 (0906513-	02)				Ма	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	6/30/09	7/6/09 16:11 da	v W9F1084	
Bolstar	ND	0.088	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 da	v W9F1084	
Chlorpyrifos	ND	0.041	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 da	v W9F1084	
Coumaphos	ND	0.068	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 da	v W9F1084	
Demeton-o	ND	0.049	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 da	v W9F1084	

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9F26019



### Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Page 2 of 5

### **Certificate of Analysis**

Lab Sample ID: 9F26019-02 Sampled by: Client	Sample ID: Sampled: 06/	CB01 25/09 07	-1-6-25-0 ':51	9 (0906513-02	2)				Ма	trix: Water
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	
Tokuthion (Prothiofos)	ND	0.063	0.10	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	
Trichloronate	ND 61 %	0.031	0.10 <i>6-173</i>	ug/l	1	EPA 8141A	6/30/09	7/6/09 16:11 dav	W9F1084	



### **Certificate of Analysis**

### **Quality Control Section**

### Organophosphorus Pesticides by EPA Method 8141A - Quality Control

#### Batch W9F1084 - EPA 8141A

Blank (W9F1084-BLK1)				I	Prepared: 06	/30/09 An	alyzed: 07/06	5/09 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					
LCS (W9F1084-BS1)				l	Prepared: 06	/30/09 An	alyzed: 07/06	5/09 16:11	
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		

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### **Certificate of Analysis**

### 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	
Analyte	Sample 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	
Analyte	Sample 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



### **Certificate of Analysis**

#### 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



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:

Q-12	The RPD result exceeded the QC control limits possibly due to a possible matrix effect; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on the percent recoveries and/or other acceptable QC data.
S-03	High surrogate recovery for this sample is possibly due to a sample matrix effect. The data was accepted since all target analytes were not detected.
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

Page of	Geotracker EDD Info:	Client LOGCODE Site Global ID	Field Point Names/ Comments			Sample Disposal:	☐ Lab Disposal <sup>*</sup> ☐ Archive mos.	Other	18: 14:0	
<b>DRD</b> Date: $\underline{(u)}$ $\underline{25}$ , $\underline{0^{-1}}$ Lab Project No.: $\underline{0^{-1}0}$	Analysis Requested	5010222 5520022 540002000 540000 5000000 5000000 5000000 500000 500000 500000 500000 500000 500000 500000 500000 500000 500000 500000 500000 500000 500000 500000 500000 5000000 5000000 500000000	+H X +H X +1 +1 +1 +1 X X +1 +1 X X X +1 X X X X X X X X X X X X X	× × × × ×		Total Number of Containers Submitted to Laboratory	elivery of samples and the signature on this chain of custody form constitutes rization to perform the analysis specified above under SIERRA's Terms and tions, unless otherwise agreed upon in writing between SIERRA and CLIENT. mples determined to be hazardous by SIERRA will be returned to CLIENT.	Total Number of Containers Received by Laboratory	R LABORATORY USE ONLY - Sample Receipt Condition Intact Chilled - Temp. (*C)	Sample Seals Properly Labelled Other Other Appropriate Sample Container
SIERRAANALYTICAL TEL: 949•348•9389 FAX: 949•348•9115 26052 Merit Circle• Suite 105•Laguna Hills, CA•92653	nt: MHUTEL Client Project ID: Address: 9177 SKy Park Ct	It Tel. No.: \$5\$ 2.7\$ SL60 It Tel. No.: \$5\$ 2.7\$ SL60 It Fax. No.: It Proj. Mgr.: AWWYA APCULEN	Client Sample ID. Sierra Date Time Matrix Preservative Container No. of $\frac{7}{5}$ 03-3 - $\mathcal{C}$ - $\mathcal{L}$ - $\mathcal{O}$ or $\mathcal{C}$ - $\mathcal{L}$ - $\mathcal{O}$ or $\mathcal{O}$ - $\mathcal$	1-1-6-20-09 6-76 03 / 10 Jee Vareny 5 X		Signature: L. H. Shipped Via:	v. Martiel Bv: Land Company. S. Martine 1338 * San 1338 * San v. Condition 1338 * San 1338 * San v. Condition 1338 * San v. Times 1338 * San v. Ti	shed By: K A A Bate Company: K Company: Second By: K Company: Seco	shed By: Date Received By: Date FOR the By: Time: Company: Time: Company: Time: Company: Time: Time: Company: Time: Company the Company th	d Instructions:

DISTRIBUTION: White - To Accompany Samples - Vellow - Laboratory Conv. Pink - Field Perconnel Conv.

Rev. 102005

		x Routine In	vestigation			<b>IC/ID Follow-</b>	Up Fo	or			
GENERAL	SITE DESCRIP	TION		(NAD 83	decimal d	egrees to 5th place	ce)				
Site ID	CB01-1			Latitude	32.7	3257	Wat	Hydrolog	gic Unit	908	
Location	Catch basin near	r DHL area		Longitud	e -117	.17969	tersh	Hydrolog	gic Area	908.	2
Date	7/23/2009			TB Page	128	3 H1	ed	Hydrolog (Optional	<b>gic Subarea</b> 90		21
Time	1020			Observer	KG		<b>Di</b> (O	scharge Area ptional)	a		
Land Use (P. (Check one o	<b>rimary</b> ) nly)	🗆 Residentia	l 🗌 Com	nercial	x Industria	l 🗌 Agricultu	ıral	□ Parks		🗆 Open	
Land Use (So (Optional, gro	econdary) eater than 10%)	🗆 Residentia	l 🗌 Com	nercial	x Industria	l 🗆 Agricultu	ıral	□ Parks		🗆 Open	
Conveyance (Check one o	nly)	□ Manhole	x Catch	Basin	□ Outlet	□ Concrete Channel		□ Natural (	Creek	Earthen C	Channel
ATMOSPH	IERIC CONDIT	IONS									
Weather Tide Last Rain	□ Sunny □ N/A X > 72 hours	<ul><li>Partly Clo</li><li>Low</li><li>&lt; 72 hours</li></ul>	udy x Overo x Incon	ast ning	□ Fog □ High	Outgoing		Tide Heig	<b>ht:</b> ft		
Rainfall	X None	□ < 0.1"	$\Box > 0.1$	,							
RUNOFF (	CHARACTERIS'	TICS									
Odor Color	x None	□ Musty x Vellow		en Eggs		Themical	□ Se	wage		Other	
Clarity	x Clear	x Tellow		wii htly Cloudy		Dinaque		ay		Other	
Floatables	x None	□ Trash	$\Box$ Bub	bles/Foam		heen	🗆 Fe	cal Matter		Other	
Deposits	□ None	□ Sediment/Grave	x Fine	Particulates		tains	🗆 Oi	ly Deposits		Other	
Vegetation	x None	□ Limited	🗆 Nor	mal		accessive				Other	
Biology	x None	□ Insects	$\Box$ Alg	ae	$\Box$ S	nails/Fish		ussels/Barnacle	es	Other	
Flow Obser	rved 🗆 Yes	<b>x</b> No x Por	nded 🗆 Tid	al							
Does the ste	orm drain flow re	each the Receivin	ng Water?			□ No	x N/A	A			
Evidence of	f Overland Flow?	□ Yes	x No	Irrigation R	unoff	□ Other:					
Photo Take	en x Yes	□ No Phot	o #								
Field Screen	ing Samples Coll	actad? v Vas									
Water Tem	(°C) 26.1	N N N N N N	H3-N (mg/L)	2		NO3-N (mg/L)	<.25	; T	React PO4	(mg/L)	.6
pH (pH units	s) 7.15	7	TURB (NTU)	.44		COND (mS/cm)	1.5		MBAS (mg	g/L)	1.5
FLOW EST	TIMATION WO	RKSHEETS									
Flowi	ing Creek or Box C	ulvert	Fi	ling a Bottle	or Known	Volume			Flowin	g Pipe	
Width		Ft	Volume			mL		Diameter		F	`t
Depth		Ft	Time to Fill			sec	_	Depth		F	t
Velocity		ft/sec	Flow			gpm	_	Velocity		f	t/sec
Flow		gpm					[	Flow	1	g	pm
<u>Analytical</u> L	<u>aboratory Sam</u> pl	es Collected?	x Yes	□ No							
O&G (mg/L)		Entero. (MPN/100mL)		Fecal Col. (MPN/mL)	•	Chlor (ug/L)	ру.		<b>Pb</b> ( <i>u</i>	ug/L)	
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		<b>Cd</b> ( <i>u</i> §	g/L)		Zn (1	ıg/L)	
					,						
COMMENT	'S: samples taken	. No obvious sou	irce for water	·							

		x Routine Inves	tigation		IC/I	D Follow-Up	For	•			
GENERAL	SITE DESCRIPT	ION		(NAD 83	decimal degree	s to 5th place)					
Site ID	CB03-2			Latitude	32.72864		Wa	Hydrologic Uni	t	908	
Location	East End of runwa	ay near blast fence		Longitude	-117.1784	13	tersh	Hydrologic Are	a	908.2	
Date	7/23/2009			TB Page	1288 J1		led	Hydrologic Sub (Optional)	area	908.21	
Time	1000			Observer	KG		Disc (Opt	<b>harge Area</b> tional)			
Land Use (Proceed) (Check one of	<b>rimary)</b> nly)	Residential	Comn	nercial	x Industrial	Agricultural		Parks	Ope	n	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residential	Comn	nercial	x Industrial	Agricultural		Parks	Ope	n	
Conveyance (Check one o	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	Eart	hen Channel	
ATMOSPH	IERIC CONDITIC	DNS				•					
Weather	x Sunny	Partly Cloudy	x Overc	ast	Fog						
Tide Last Rain	N/A x > 72 hours	x Low < 72 hours	x Incom	ing	High	Outgoing		Tide Height:	ft.		
Rainfall	x None	< 0.1"	> 0.1'	,							
RUNOFF (	CHARACTERIST	ICS									
Odor	None	Musty	Rott	en Eggs	Chemic	cal	Sew	age	x Other	seawater	
Color	None	Yellow	Brow	wn	White		Gra	у	x Other	seawater	
Clarity Floatables	x Clear	Trach	Sligh	htly Cloudy	Opaque	•	Ess	-1	Other	·	
Deposits	x None	Sediment/Gravel	Fine	Particulates	Stains		Oily	Denosits	Other		
Vegetation	x None	Limited	Nor	nal	Excess	ive	0		Other		
Biology	x None	Insects	Alga	le	Snails/	Fish	Mus	ssels/Barnacles	Other		
Flow Obser	rved Yes	No Ponde	ed x Tida	al							
Does the st	orm drain flow rea	ch the Receiving	Water?		Yes	No x	N/A				
Evidence o	f Overland Flow?	Yes	x No	Irrigation Ru	unoff Ot	her:					
Photo Take	en x Yes	No Photo #	ŧ	_							
Field Sereen	ing Samples Colleg	atod? Vac	r No								
Water Tem	n(°C)	NH	3-N (mg/L)	1	NO3.	N (mg/L)		React	PO4 (mg/		
pH (pH unit	s)	TU	RB (NTU)		CONI	) (mS/cm)		MBAS	(mg/L)		
FLOW ES	TIMATION WOR	KSHEETS									
Flow	ing Creek or Box Cu	lvert	Fil	ling a Bottle	o <mark>r Known Vol</mark> ur	ne	<i>.</i>	Flo	wing Pipe	•	
Width		ft V	olume			mL	Ē	Diameter		ft	
Depth			ime to Fill			sec	H	Depth		ft	_
Flow			10 W			Shin	H	Flow		TU/SEC	
1.104	1			I		L		-10w		gpm	
Analytical L	aboratory Sample	s Collected?	Yes	No				·····		·····	
(mg/L)	8	(MPN/100mL)		(MPN/mL)		(ug/L)			<b>Pb</b> (ug/L)		
Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/L)		2	Zn (ug/L)		
								······································			
COMMENT	rs. Salinita	greater than 2 400	indicator	nowotow i-	hacin						
COMMENT	is. samuty	greater man 3.4%	mulcates s	cawater in	uasin.						

SENERAL SITE DESCRIPTION       (NAD 83 decimal degrees to 5th place)         Site ID       Control       Site ID         Control       Residential car parking area       Longitude			x Routine In	vestigation		IC/	D Follow-U	p For				
Site ID     CB05-3     Latitude     32.73782     Figure 1       Location     Rental car parking area     Longitude     -117.18311     Figure 1       Date     7/23/2009     TB Page     1268 H7     Figure 1     Figure 1       Date     7/23/2009     TB Page     1268 H7     Figure 1     Figure 1       Date     7/23/2009     TB Page     1268 H7     Figure 1     Figure 1       Date     7/23/2009     Residential     Commercial x Industrial Agricultural Parks     Open       Land Use (Primary)     Residential     Commercial x Industrial Agricultural Parks     Open       Concerver     Manbole     x Catch Basin     Outet     Concerver     Natural Creek Earthen Channel       ATMOSPHERIC CONDITIONS     X Incoming     High     Outgoing     THe Height:     fit       Rundor X None     X Incoming     High     Outgoing     THe Height:     fit       RUNOFF CHARACTERISTICS     Deter Tash     Bubble/Soms     Oher     Oher       Color     X None     X Sol     X Follow     Sheen     Fical Matter     Other       Color     None     X Sol     None     X Follow     Sheen     Fical Matter     Other       Color     None     X Sol     None     X Follow	GENERAL	SITE DESCRIP	ΓΙΟΝ		(NAD 83	decimal degre	es to 5th place)			÷		
Lacation       Rental car parking area       Longitude       -117.18311       Figure       Figure       Page       1268 H7         Date       7/23/2009       TB Page       1268 H7       Discharge Area (Optional)       908.2         Fine       0515       Observer       KG       Discharge Area (Optional)       908.2         Laad Use (Primary) Check one only)       Residential       Commercial       x Industrial       Agricultural       Parks       Open         Land Use (Scendary) Optional gener than 10%)       Residential       Commercial       x Industrial       Agricultural       Parks       Open         Conveyance       Manbole       x Catch Basin       Outet       Conveyance       Natural Creek       Earthen Channel         ATMOSPHERIC CONDITIONS       Manbole       x Locurat       Fog       Natural Creek       Earthen Channel         Weather       Sunay       Partly Cloudy       X Dorentat       Fog       Natural Creek       Earthen Channel         ATMOSPHERIC CONDITIONS       Manbole       X Incoming       High       Outgoing       Tide Height:       fr.         Ruinoff CHARACTERISTICS       Baster       Stamat       Stamat       Gray       Other       Other         Color       None       X S	Site ID	CB05-3			Latitude	32.73782	2	Wa	Hydrologi	ic Unit	908	
Date     723/2009     TB Page     1268 H7     Å     Mydrologic Subarea (Optional)     908.21       Time     0515     Observer     KG     Discharge Area (Optional)     908.21       Land Use (Primary) (Check one only)     Residential     Commercial     × Industrial     Agricultural     Parks     Open       Land Use (Primary) (Check one only)     Residential     Commercial     × Industrial     Agricultural     Parks     Open       Conversance     Manhole     × Catch Basin     Outlet     Concrete Channel     Natural Creek     Earthen Channel       ATMOSPHERIC CONDITIONS     Mashole     × Catch Basin     Outlet     Concrete Channel     Natural Creek     Earthen Channel       ATMOSPHERIC CONDITIONS     Mashole     × Catch Basin     Outlet     Concrete Channel     Natural Creek     Earthen Channel       ATMOSPHERIC CONDITIONS     Kacar Rain x > 72 hours     A Low     X horeming     High     Outgoing     Tide Height:	Location	Rental car parkin	ng area		Longitude	e -117.183	11	tersh	Hydrologi	ic Area	908.2	
Time     0515     Observer     KG     Distange Area (Optional)       Land Use (Primary) Check one only)     Residential     Commercial     × Industrial     Agricultural     Parks     Open       Land Use (Secondary) Optional, great than 10%) Optional, great than 10%) Optional, great than 10%) Octock one only)     Residential     Commercial     × Industrial     Agricultural     Parks     Open       Land Use (Secondary) Optional, great than 10%) Optional, great than 10%) Conveyance     Manhole     × Catch Basin     Outlet     Concrete Channel     Natural Creek     Earthen Channel       ATMOSPIERIC CONDITIONS     Manhole     × Overcast     Fog     Natural Creek     Earthen Channel       Mathole     × Catch Basin     Outlet     Concrete Channel     Outgoing     Tide Height:	Date	7/23/2009			TB Page	1268 H7		ed	Hydrologi (Optional)	ic Subarea	908.2	a.
Land Use (Primary) Check one only)       Residential       Commercial       x holustrial       Agricultural       Parks       Open         Land Use (Secondary) Optional, grater than 10%)       Residential       Commercial       x holustrial       Agricultural       Parks       Open         Converse Check one only)       Manbole       x Catch Basin       Outlet       Concrete Channel       Natural Creek       Barthen Channel         ATMOSPHERIC CONDITIONS       Manbole       x Catch Basin       Outlet       Concrete Channel       Natural Creek       Barthen Channel         ATMOSPHERIC CONDITIONS       Masther       Sumow       X Incoming       High       Outgoing       Tide Height:	Time	0515			Observer	KG		Disc (Opt	harge Area ional)			
Land Use (Secondary) Optional, greater than 10%)       Residential       Commercial       x Industrial       Agricultural       Parks       Open         Check one only)       Manbole       x Catch Basin       Outlet       Concrete Channel       Natural Creek       Earthen Channel         ATMOSPHERIC CONDITIONS       Mathole       x Catch Basin       Outlet       Concrete Channel       Natural Creek       Earthen Channel         ATMOSPHERIC CONDITIONS       Mathole       x Low       X Incoming       High       Outgoing       Tide Height:ft.         ATMOSPHERIC CONDITIONS       X Low       X Incoming       High       Outgoing       Tide Height:ft.         Real Rain       x > 72 hours       < 72 hours       < 0.1"       Sewage       Other	Land Use (Pa (Check one of	<b>rimary</b> ) nly)	Residentia	al Com	mercial	x Industrial	Agricultura	l	Parks	Ope	en	
Conveyance (Check one only)     Manhole     x Catch Basin     Outlet     Concrete Channel     Natural Creek     Earthen Channel       ATMOSPHERIC CONDITIONS     ATMOSPHERIC CONDITIONS     ALow     x Now     Now     Now     X Incoming     Fig       ATMOSPHERIC CONDITIONS     Weather     NA     x Low     X Incoming     High     Outgoing     Tide Height:ft.       Last Rain     x > 72 hours     X Incoming     High     Outgoing     Tide Height:ft.       RunOFF CHARACTERISTICS     Stainfall     x None     X None     Mustry     Rotten Eggs     Chemical     Sewage     Other	Land Use (Se (Optional, gre	econdary) eater than 10%)	Residentia	al Com	mercial	x Industrial	Agricultura	l	Parks	Оре	en	
ATMOSPHERIC CONDITIONS         Weather       Sunny       Partly Cloudy       x Overcast       Fog         Tide       NA       x Low       X Incoming       High       Outgoing       Tide Height:ft.         Last Rain       x >72 hours       < 72 hours       X Incoming       High       Outgoing       Tide Height:ft.         Rainfall       x None       < 0.1"       > 0.1"       X Incoming       High       Outgoing       Tide Height:ft.         RUNOFF CHARACTERISTICS       Other       Other       Gray       Other       Other         Cloir       x None       Musty       Rotten Eggs       Chemical       Sewage       Other         Cloir       x None       X Sediment/Gravel       x Fine Particulates       Stains       Oily Deposits       Other         Poposits       None       x Limited       Normal       Eacessive       Oily Deposits       Other         Biology       None       x Insects       Algae       Snaits/Fish       Mussels/Barnacles       Other         Flow Observed       Yes       x No       Pringation Runoff       x Other: Parking lot uses water for dust control.         Photo Taken       x Yes       No       Irrigation Runoff       x Other: Par	Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural C	reek Ear	then Cha	annel
Weather     Summy     Partly Cloudy     x Overcast     Fog       Tide     N/A     x Low     X Incoming     High     Outgoing     Tide Height:ft.       Last Rain     x None     < 0.1"	ATMOSPH	ERIC CONDITI	ONS								<u> </u>	
Title       N/A       x Low       X Incoming       High       Outgoing       Tide Height:ft.         Last Rain       x > 72 hours       < 72 hours	Weather	Sunny	Partly Clo	udy x Overo	ast	Fog						
Last Kain       x > 72 hours       <72 hours	Tide	N/A	x Low	X Inco	ming	High	Outgoing		Tide Heigh	<b>t:</b> ft.		
Rainfall       x None       < 0.1"	Last Rain	x > 72 hours	< 72 hour	5								
RUNOFF CHARACTERISTICS         Odor       x None       Musty       Roten Eggs       Chemical       Sewage       Other	Rainfall	x None	< 0.1"	> 0.1	,,							
Odor     x None     Musty     Rotten Eggs     Chemical     Sewage     Other       Color     None     x Yellow     Brown     White     Gray     Other       Color     None     x Yellow     Brown     White     Gray     Other       Clarity     x Clear     Slighty Cloudy     Opaque     Other     Other       Floatables     None     x Sediment/Gravel     x Fine Particulates     Stains     Oily Deposits     Other       Peposits     None     x Sediment/Gravel     x Fine Particulates     Stains     Oily Deposits     Other       Biology     None     x Imited     Normal     Excessive     Other     Other       Biology     None     x Insects     Algae     Snails/Fish     Mussels/Bamacles     Other       Flow Observed     Yes     x No     Ponded     Tidal   Does the storm drain flow reach the Receiving Water? Yes x No N/A Evidence of Overland Flow? x Yes No Irrigation Runoff x Other: Parking lot uses water for dust control. Photo Taken x Yes No Photo #	RUNOFF (	CHARACTERIST	TICS									
Color       None       X Yellow       Brown       White       Gray       Other         Clarity       X Clear       Slightly Cloudy       Opaque       Other       Other         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       Other         Biology       None       x limited       Normal       Excessive       Other       Other         Biology       None       x limited       Normal       Excessive       Other       Other         Biology       None       x limited       Normal       Excessive       Other       Other         Flow Observed       Yes       x No       Ponded       Tidal         Does the storm drain flow reach the Receiving Water?       Yes       x No       N/A         Evidence of Overland Flow?       x Yes       No       Irrigation Runoff       x Other: Parking lot uses water for dust control.         Photo Taken       x Yes       No       Irrigation Runoff       x Other: Parking lot	Odor	x None	Musty	Rot	ten Eggs	Chemi	cal	Sew	age	Othe	r	
Stignty Coday     Opaque     Other       Floatables x None     Trash     Bubbles/Foam     Sheen     Fecal Matter     Other       Deposits     None     x Limited     Normal     Excessive     Other       Vegetation     None     x Limited     Normal     Excessive     Other       Biology     None     x Limited     Normal     Excessive     Other       Flow Observed     Yes     x No     Ponded     Tidal   Does the storm drain flow reach the Receiving Water? Yes x No Irrigation Runoff x Other: Particular Strain Runoff x Ves No Proto Taken x Yes No Photo # Integration Runoff Yes x No Noto # Integration Runoff x Other: Parking lot uses water for dust control. Photo Taken x Yes No Photo # Integration Runoff X Other: Photo Taken X Yes No Photo # Integration Runoff X Other: Photo Taken X Yes No Photo # Integration Runoff X Other: Photo Rung/Co 23.3 NH3-N (mg/L) 1.6 NON (mg/L) 2.5 React PO4 (mg/L) 1.1 Photo High (NTU) 11 COND (mS/cm) 19.45 Integration Runoff NON (mg/L) 2.5 React PO4 (mg/L) .1 Photo # Integration Runoff NON (mg/L) 2.5 React PO4 (mg/L) .1 Photo # Integration Runoff NON (mg/L) 2.5 React PO4 (mg/L) .1 Photo # Integratin Runoff NON (mg/L) 2.5 React PO4 (m	Color	None v Clean	x Yellow	Bro	wn	White		Gray	/	Othe	r	
Avoid of the stress of the	Flootoblog	x Clear	Treat	Slig	htly Cloudy	Opaqu	e	-		Othe	r	
Openal     None     x Inter an classes     Status     Only Deposits     Other       Biology     None     x Insects     Algae     Snails/Fish     Mussels/Barnacles     Other       Biology     None     x Insects     Algae     Snails/Fish     Mussels/Barnacles     Other       Flow Observed     Yes     x No     Ponded     Tidal       Does the storm drain flow reach the Receiving Water?     Yes     x No     N/A       Evidence of Overland Flow?     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Photo Taken     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Photo Taken     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Photo Taken     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Photo Taken     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Photo Taken     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Photo Taken     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Photo Taken     x Yes     No     Irrigation Runoff <t< th=""><th>Deposits</th><th>None</th><th>I rasn x Sediment/Grave</th><th>But Subject Street</th><th>Dies/Foam</th><th>Sheen</th><th></th><th>Feca</th><th>I Matter</th><th>Othe</th><th>r</th><th></th></t<>	Deposits	None	I rasn x Sediment/Grave	But Subject Street	Dies/Foam	Sheen		Feca	I Matter	Othe	r	
Flow Observed     Yes     x No     Ponded     Tidal       Bology     None     x Insects     Algae     Snails/Fish     Mussels/Bamacles     Other       Flow Observed     Yes     x No     Ponded     Tidal   Does the storm drain flow reach the Receiving Water?       Yes     x No     N/A   Evidence of Overland Flow?       x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.   Photo Taken       x Yes     No     Photo #   ield Screening Samples Collected?       x Yes     No   Water Temp (°C)       23.3     NH3-N (mg/L)     .6   NO (mg/cr)       10     COND (ms/cm)     19.45   MBAS (mg/L)       .1     COND (mS/cm)     19.45   MBAS (mg/L)       .1     COND (mS/cm)     19.45   MBAS (mg/L)       .3     NH3-N (mg/L)     .6   No (ms/cm)       Flowing Creek or Box Culvert     Filling a Bottle or Known Volume     Flowing Pipe   Width       ft     Depth     ft       Velocity     ft/sec       Flow     gpm   Volume       Time to Fill     sec       Flow     gpm   Velocity       ft/sec   Flow </th <th>Vegetation</th> <th>None</th> <th>x Limited</th> <th></th> <th>mal</th> <th> Stains</th> <th></th> <th>Oily</th> <th>Deposits</th> <th>Othe</th> <th>r</th> <th></th>	Vegetation	None	x Limited		mal	Stains		Oily	Deposits	Othe	r	
Flow Observed     Yes     x No     Ponded     Tidal       Does the storm drain flow reach the Receiving Water?     Yes     x No     N/A       Evidence of Overland Flow?     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Photo Taken     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Water Temp (°C)     23.3     NH3-N (mg/L)     .6     NO3-N (mg/L)     .25     React PO4 (mg/L)     .1       pH (pH units)     6.89     TURB (NTU)     11     COND (mS/cm)     19.45     MBAS (mg/L)     .8       FLOW ESTIMATION WORKSHEETS     Flowing Creek or Box Culvert     Filling a Bottle or Known Volume     Flowing Pipe       Width     ft     Plow     Plow     gpm       Velocity     ft/sec     Flow     gpm	Biology	None	x Insects		ae	Snails	sive /Fish	Mus	sels/Ramacle	Other Other	r	
Does the storm drain flow reach the Receiving Water?     Yes     x No     N/A       Evidence of Overland Flow?     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Photo Taken     x Yes     No     Photo #	Flow Obser	rved Yes	x No Po	nded Tid	al				sens Durndere.			
Boost the storm drain now reach the keeping water:     Tes     X No     N/A       Evidence of Overland Flow?     x Yes     No     Irrigation Runoff     x Other: Parking lot uses water for dust control.       Photo Taken     x Yes     No     Photo #	Doos the st	orm drain flow ro	ash the Dessivit	ng Watar?		Vaa	v No	<b>NI/A</b>				
Evidence of Overland Flow?       x Yes       No       Irrigation Runoff       x Other: Parking lot uses water for dust control.         Photo Taken       x Yes       No       Photo #	Does the st			ing water :		105	X INO	IN/A				
Photo Taken         x Yes         No         Photo #	Evidence of	f Overland Flow?	x Yes	No	Irrigation R	unoff x O	ther: Parking lo	ot uses	water for d	ust control.		
ield Screening Samples Collected? x Yes No           Water Temp (°C)         23.3         NH3-N (mg/L)         .6         NO3-N (mg/L)         .25         React PO4 (mg/L)         .1           pH (pH units)         6.89         TURB (NTU)         11         COND (mS/cm)         19.45         MBAS (mg/L)         .8           FLOW ESTIMATION WORKSHEETS           Flowing Creek or Box Culvert         Filling a Bottle or Known Volume         Flowing Pipe           Width         ft         Volume         mL         Diameter         Ft         Depth         Ft         Depth         Ft         Velocity         ft/sec         Flow         ggm         Flow         ggm         Flow         Gpm	Photo Take	en x Yes	No Pho	to #	_							
Water Temp (°C)         23.3         NH3-N (mg/L)         .6         NO3-N (mg/L)         .25         React PO4 (mg/L)         .1           pH (pH units)         6.89         TURB (NTU)         11         COND (mS/cm)         19.45         MBAS (mg/L)         .8           FLOW ESTIMATION WORKSHEETS           Flowing Creek or Box Culvert         Filling a Bottle or Known Volume         Flowing Pipe           Width         ft         Volume         mL         Diameter         Ft           Depth         ft         Flow         ggm         Velocity         ft/sec         Flow         ggm         Flow         Gpm	Field Screen	ing Samples Colle	ected? x Yes	No						<u>.</u>		
pH (pH units)     6.89     TURB (NTU)     11     COND (mS/cm)     19.45     MBAS (mg/L)     .8       FLOW ESTIMATION WORKSHEETS       Flowing Creek or Box Culvert     Filling a Bottle or Known Volume     Flowing Pipe       Width     ft     Volume     mL     Diameter     Ft       Depth     ft     Sec     Flow     gpm     Flow     gpm       Flow     gpm     ft/sec     Flow     gpm     Flow     Gpm	Water Temp	o(°C) 23.3		NH3-N (mg/L)	.6	NO3-	N (mg/L)	.25		React PO4 (mg	/L)	.1
FLOW ESTIMATION WORKSHEETS       Flowing Creek or Box Culvert     Filling a Bottle or Known Volume     Flowing Pipe       Width     ft     Volume     mL     Diameter     Ft       Depth     ft     Time to Fill     sec     Depth     Ft       Velocity     ft/sec     Flow     gpm     Velocity     ft/sec	pH (pH unit	s) 6.89		TURB (NTU)	11	CON	D (mS/cm)	19.45		MBAS (mg/L)		.8
Flowing Creek or Box CulvertFilling a Bottle or Known VolumeFlowing PipeWidthftVolumemLDiameterFtDepthftTime to FillsecDepthFtVelocityft/secFlowgpmVelocityft/secFlowgpmFlowGpm	FLOW EST	<b>FIMATION WOR</b>	RKSHEETS									
widthttVolumemLDiameterFtDepthftTime to FillsecDepthFtVelocityft/secFlowgpmVelocityft/secFlowgpmImage: Second secon	Flowi	ing Creek or Box Cu	ulvert	Fi	lling a Bottle	or Known Volu	me			Flowing Pip	e	
Velocity     ft/sec     Flow     gpm     Velocity     ft/sec       Flow     gpm     Flow     Gpm	Width Depth	·	nt ft	Volume			mL		Diameter		Ft	
Flow     gpm     Flow     Gpm	Velocity		ft/sec	Flow			sec	│┞	/elocitu	·	- Ft	
	Flow	· · · · · · · · · · · · · · · · · · ·	gpm				Bhu		-locity -low			
	A						1		10 W	- I		
nalytical Laboratory Samples Collected? Yes No	Analytical L	aboratory Sample	es Collected?	Yes	No Fecal Cal		Chlorer		<u> </u>	Dh ( - 0)	<u> </u>	
(mg/L)         (MPN/100mL)         (MPN/mL)         (mg/L)         (mg/L)         (mg/L)	(mg/L)		(MPN/100mL)		(MPN/mL)		(ug/L)	•		<b>I'D</b> (ug/L)		
Hardness     Total Col.     Diazanon     Cd (ug/L)     Zn (ug/L)       (mg/L)     (MPN/100mL)     (ug/L)     Cd (ug/L)     Zn (ug/L)	Hardness (mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/L)	)		Zn (ug/L)		
OMMENTS: Overland flow and water in catch basin are from water truck used for dust suppression	COMMENT	S: <u>Overlar</u>	nd flow and wat	er in catch ba	sin are from	water truck	ised for dust s	uppre	ession			

		x Routine Inv	estigation		IC/II	D Follow-Up	For	ť		
GENERAL	SITE DESCRIPT	ION		(NAD 83 d	ecimal degree	s to 5th place)				
Site ID	CB05-4			Latitude	32.73063		Wat	Hydrologic Uni	t 90	)8
Location	By runway light v	aults		Longitude	-117.1830	)1	lersh	Hydrologic Are	ea 90	08.2
Date	7/23/2009			TB Page	1288 GI		ed	Hydrologic Sub (Optional)	area 90	08.21
Time	0945			Observer	KG		Disc (Opt	charge Area tional)		
Land Use (Pro) (Check one of	<b>rimary</b> ) nly)	Residentia	l Comr	nercial	c Industrial	Agricultural		Parks	Open	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residentia	l Comr	nercial	k Industrial	Agricultural		Parks	Open	
Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	Earthe	n Channel
ATMOSPH	IERIC CONDITIO	ONS								
Weather Tide Last Rain	x Sunny N/A x > 72 hours	Partly Clo x Low < 72 hours	udy Overo x Incon	ast ling	Fog High	Outgoing		Tide Height:	ft.	
Rainfall	x None	< 0.1"	> 0.1	,						
RUNOFF (	CHARACTERIST	ICS								
Odor	x None	Musty	Rot	en Eggs	Chemic	al	Sew	vage	x Other	Seawater
Color Clority	x None	Yellow	Bro	wn hthu Cloudu	White		Gra	У	x Other	Seawater
Clarity Floatables	x None	Trash	Buh	hles/Foam	Sheen	5	Fec	al Matter	Other	· · · · · · · · · · · · · · · · · · ·
Deposits	x None	Sediment/Grave	I Fine	Particulates	Stains		Oily	y Deposits	Other	
Vegetation	x None	Limited	Nor	mal	Excessi	ive		_	Other	
Biology	None	x Insects	Alg	ae	Snails/I	Fish	Mu	ssels/Barnacles	Other	<u>_</u>
Flow Obser	rved Yes	x No Po	nded x Tid	al						
Does the st	orm drain flow rea	ach the Receivi	ng Water?		Yes	No x	N/A			
Evidence of	f Overland Flow?	Yes	x No	Irrigation Ru	noff Ot	her:				
Photo Take	en x Yes	No Phot	.0 #	<u> </u>						
Field Screen	ing Samples Colle	cted? Yes	x No							
Water Temp	o (°C)	1	NH3-N (mg/L)		NO3-1	N (mg/L)		React	PO4 (mg/L)	
-pH (pH unit	s)	-"	f <b>URB</b> (NTU)		CONI	D (mS/cm)		MBAS	6 (mg/L)	
FLOW EST	FIMATION WOR	RKSHEETS								
Flow	ing Creek or Box Cu	ilvert	Fi	lling a Bottle o	r Known Volur	ne		<u>Fle</u>	owing Pipe	
Denth		ft	Time to Fill			mL sec	i H	Diameter		ft
Velocity		ft/sec	Flow			gpm		Velocity		ft/sec
Flow		gpm				or		Flow		gpm
Analytical T	aboratory Samale	es Collected?	Voc	x No	×		_			
Analytical L		Entero.	105	Fecal Col.		Chlorpy		1	Pb (ug/L)	
(mg/L)		(MPN/100mL)		(MPN/mL)		(ug/L)			··· <i>····</i>	
Hardness (mg/L)		Total Col. (MPN/100mL)	25	Diazanon (ug/L)		Cd (ug/L)			Zn (ug/L)	

### COMMENTS: small pond of water in catch basin is seawater\_
		x Routine In	vestigation		IC/I	D Follow-Up	For			
GENERAL	SITE DESCRIP	ΓΙΟΝ	•	(NAD 83	decimal degree	s to 5th place)				
Site ID	CB06-5			Latitude	32.73584		Wa H	lydrologic Un	it 9	08
Location	East of control to	ower		Longitude	-117.1863	7	tersh H	ydrologic Ar	ea 9	08.2
Date	7/23/09			TB Page	1268 G7		Ē. H	l <b>ydrologic Su</b> l Optional)	barea 9	08.21
Time	0731			Observer	KG		Dischar (Option	r <b>ge Area</b> al)		
Land Use (Pro) (Check one of	<b>rimary</b> ) nly)	Residentia	al Com	nercial	x Industrial	Agricultural		Parks	Open	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residentia	al Com	nercial	x Industrial	Agricultural		Parks	Open	
Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	Earthe	n Channel
ATMOSPH	IERIC CONDITI	ONS								
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clo x Low < 72 hour	oudy x Overo x Incon s	ast ning	Fog High	Outgoing	Т	ide Height:	ft.	
Rainfall	x None	< 0.1"	> 0.1	•						
RUNOFF (	CHARACTERIS	LICS								
Odor Color Clarity Floatables Deposits	x None x None x Clear x None None	Musty Yellow Trash x Sediment/Grave	Rot Bro Slig But	ten Eggs wn htly Cloudy bles/Foam Particulates	Chemic White Opaque Sheen Stains	al	Sewage Gray Fecal M Oily De	atter posits	Other Other Other Other Other	
Vegetation Biology	x None None	Limited x Insects	Nor Alg	mal ae	Excessi Snails/I	ve Fish	Mussels	/Bamacles	Other Other	
Flow Obser	rved Yes	No x Po	onded x Tid	al						
Does the ste	orm drain flow re	each the Receivi	ng Water?		Yes	No x	N/A			
Evidence of	f Overland Flow?	Yes	x No	Irrigation Ru	inoff Ot	her:				
Photo Take	en x Yes	No Pho	to #							
Field Screen	ing Samples Coll	ected? Yes	x No							
Water Temp	o (°C)		NH3-N (mg/L)		NO3-N	N (mg/L)		React	PO4 (mg/L)	)
<b>-pH</b> (pH unit:	s)		TURB (NTU)	<u>L</u>	CONI	(mS/cm)		MBA	S (mg/L)	
FLOW EST	<b>FIMATION WO</b>	RKSHEETS								
Flow	ing Creek or Box C	ulvert	Fi	lling a Bottle o	or Known Volun	ne		Fl	owing Pipe	
Width		ft	Volume			_mL	Diar	neter		ft
Depth		ft	Time to Fill		·	sec	Dept	th		ft
Flow		fl/sec	Flow			gpm	Velo	city		ft/sec
LLIOM		gpm	L	I			Flow			gpm
Analytical L	aboratory Sampl	es Collected?	Yes	No						
<b>O&amp;G</b> (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)			<b>Zn</b> (ug/L)	
COMMENT	S: salinity at 2.5	% indicating sea	water							

GENERAL		x Routine Inv	estigation		ІС/І	D Follow-Up	o For			
GENERAL	SITE DESCRIPT	TION		(NAD 83 d	lecimal degree	s to 5th place)				
Site ID	CB07-6			Latitude	32.73085		Wa	Hydrologic Uni	it	908
Location	OWS @ AA Stag	ging area		Longitude	-117.1932	23	tersh	Hydrologic Are	a	908.2
Date	7/23/2009			TB Page	1288 F1		led	Hydrologic Sub (Optional)	oarea	908.21
Time	0708			Observer	KG, AH		Discl (Opti	n <b>arge Area</b> onal)		
Land Use (Pr (Check one or	<b>rimary)</b> nly)	Residential	Comn	nercial	k Industrial	Agricultural		Parks	Oper	n
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residentia	Comn	nercial	k Industrial	Agricultural		Parks	Oper	n
Conveyance (Check one or	nly)	x Manhole	Catch	Basin	Outlet	Concrete Channel		Natural Creek	Earti	hen Channel
ATMOSPH	IERIC CONDITI	ONS	· · · · · ·					ίζ.		8
Weather Tide	Sunny N/A	Partly Clou x Low	idy x Overca Incom	ast iing	Fog High	Outgoing		Tide Height:	ft.	
Last Kain Rainfall	x > /2 nours x None	< 0.1	>01"	,						
RUNOFF (	CHARACTERIST	TCS	20.1							
Odor Color Clarity Floatables Deposits	None None Clear x None None	Musty Yellow Trash x Sediment/Gravel	Rotte Brov Sligt Bubl Fine	en Eggs vn htly Cloudy bles/Foam Particulates	Chemic White Opaque Sheen Stains	cal	Sewa Gray Fecal	ge Matter Deposite	x Other x Other X Other Other	<u>NA</u> <u>N/A</u> <u>N/A</u>
Vegetation Biology	x None x None	Limited Insects	Norr Alga	nal	Excess Snails/	ive Fish	Muss	els/Barnacles	Other Other	
	rved Yes	x No Por	nded Tida	al						
Flow Obser	orm drain flow re	ach the Receivin	a Water?		Ves	x No	NI/A			
Flow Obser Does the sto Evidence of	orm drain flow rea	ach the Receivin Yes	g Water?	Irrigation Ru	Yes	x No	N/A			
Flow Obser Does the sto Evidence of Photo Take	orm drain flow rea f Overland Flow? en x Yes	<b>ach the Receivin</b> Yes No <b>Phot</b> e	g Water? x No 0 #	Irrigation Ru	Yes noff Ot	x No her:	N/A			
Flow Obser Does the sto Evidence of Photo Take	orm drain flow rea f Overland Flow? en x Yes	ach the Receivin Yes No Phote	g Water? x No 0 #	Irrigation Ru	Yes noff Ot	x No	N/A			1
Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp	orm drain flow rea f Overland Flow? en x Yes ing Samples Colle	ach the Receivin Yes No Phote cted? Yes	g Water? x No 0 # x No H3-N (mg/L)	Irrigation Ru	Yes noff Ot NO3-1	x No her:	N/A	React	<b>PO4</b> (mg/l	L)
Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units	orm drain flow rea f Overland Flow? en x Yes ing Samples Colle o (°C)	ach the Receivin Yes No Phote cted? Yes	g Water? x No b # x No H3-N (mg/L) URB (NTU)	Irrigation Ru	Yes noff Ot NO3-1	x No her: N (mg/L) (mS/cm)	N/A	React MBAS	PO4 (mg/l)	L)
Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units FLOW EST	orm drain flow res f Overland Flow? en x Yes ing Samples Colle 9 (°C) s) FIMATION WOR	ach the Receivin Yes No Phote cted? Yes No T SKSHEETS	g Water? x No b # x No H3-N (mg/L) URB (NTU)	Irrigation Ru	Yes noff Ot NO3-1 CON	x No her: N (mg/L) O (mS/cm)	N/A	React MBAS	PO4 (mg/l) (mg/L)	L)
Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units FLOW EST Flowi	orm drain flow rea f Overland Flow? en x Yes ing Samples Colle o (°C) s) FIMATION WOR	Arch the Receivin Yes No Photo Cted? Yes XKSHEETS	g Water? x No b # x No H3-N (mg/L) URB (NTU) Fill Volume	Irrigation Ru	Yes noff Ot NO3-1 CONI	x No her: N (mg/L) D (mS/cm) ne	N/A	React MBAS	PO4 (mg/L) (mg/L)	L)
Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units FLOW EST Flowi Width Depth	orm drain flow rea f Overland Flow? en x Yes ing Samples Colle 0 (°C) s) FIMATION WOR ing Creek or Box Cu	Arch the Receiving Yes No Photo Cted? Yes Cted? Yes Step Street T T T T T T T	g Water? x No b # x No H3-N (mg/L) URB (NTU) Fill Volume Time to Fill	Irrigation Ru	Yes noff Ot NO3-1 CONI r Known Volur	x No her: N (mg/L) ) (mS/cm) ne mL sec		React MBAS Flo iameter eoth	PO4 (mg/l) (mg/L) owing Pipe	L)
Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units FLOW EST Flowi Width Depth Velocity	orm drain flow res f Overland Flow? en x Yes ing Samples Colle (°C) s) FIMATION WOR ing Creek or Box Cu	Arch the Receiving Yes No Phote Cted? Yes Cted? Yes XKSHEETS Rivert ft ft ft	g Water? x No b # x No H3-N (mg/L) URB (NTU) Fill Volume Time to Fill Flow	Irrigation Ru	Yes noff Ot NO3-J CONI r Known Volur	x No her: N (mg/L) D (mS/cm) ne mL sec gpm		React MBAS Flo iameter epth elocity	PO4 (mg/l) (mg/L) owing Pipe	L)
Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units FLOW EST Flowi Width Depth Velocity Flow	orm drain flow rea f Overland Flow? en x Yes ing Samples Colle o (°C) s) FIMATION WOR ing Creek or Box Cu	ach the Receivin Yes No Phote cted? Yes No T CKSHEETS Nert ft ft ft/sec gpm	g Water? x No b # x No H3-N (mg/L) URB (NTU) URB (NTU) Fill Volume Time to Fill Flow	Irrigation Ru	Yes noff Ot NO3-I CONI	x No her: N (mg/L) ) (mS/cm) ne mL sec gpm	N/A	React MBAS Flo iameter epth elocity low	PO4 (mg/l) (mg/L) owing Pipe	L) ft ft ft ft/sec gpm
Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units FLOW EST Flowi Width Depth Velocity Flow Analytical Li	orm drain flow rea f Overland Flow? en x Yes ing Samples Colle o(°C) s) FIMATION WOR ing Creek or Box Cu	Arch the Receiving Yes No Phote Cted? Yes No T SKSHEETS Suivert ft ft ft/ ft/ ft/ ft/ spm	g Water? x No b # x No H3-N (mg/L) URB (NTU) Fill Volume Time to Fill Flow Yes	Irrigation Ru	Yes noff Ot NO3-I CONI	x No her: N (mg/L) D (mS/cm) ne mL sec gpm	N/A	React MBAS Flo iameter epth elocity low	PO4 (mg/l) (mg/L) owing Pipe	L) ft ft ft ft/sec gpm
Flow Obser Does the sto Evidence of Photo Take Field Screeni Water Temp pH (pH units FLOW EST Flow Width Depth Velocity Flow Analytical La O&G (me(l)	orm drain flow readers f Overland Flow? en x Yes ing Samples Colle (°C) s) FIMATION WOR ing Creek or Box Cu	Ach the Receivin Yes No Photo Cted? Yes Cted? Yes KSHEETS EXSHEETS Exsection gpm	g Water? x No b # x No H3-N (mg/L) URB (NTU) Fill Volume Time to Fill Flow Yes	Irrigation Run	Yes noff Ot NO3-1 CONI r Known Volur	x No her:	N/A	React MBAS iameter epth elocity low	PO4 (mg/L)	L)

		x Routine Investi	gation		IC/I	D Follow-Up	o For	•		
GENERAL	SITE DESCRIPT	ION		(NAD 83 de	cimal degree	s to 5th place)				
Site ID	СЬ07-7			Latitude	32.73000		Wat	Hydrologic Un	ut	908
Location	Inlet in West wing	g parking lot		Longitude	-117.1939	0	ersh	Hydrologic Ar	ea	908.2
Date	7/23/2009			TB Page	1288 F1		led	Hydrologic Su (Optional)	barea	908.21
Time	0610			Observer	KG		Disc (Opt	tional)		
Land Use (Pr (Check one of	<b>rimary)</b> nly)	Residential	Comm	ercial x	Industrial	Agricultural		Parks	Ope	n
Land Use (Se (Optional, gre Conveyance (Check one o	econdary) eater than 10%) nly)	Residential Manhole	Comm Catch I	ercial x Basin	Industrial Outlet	Agricultural x Concrete Channel		Parks Natural Creek	Oper Earti	n hen Channel
ATMOSPH	IERIC CONDITIO	DNS								
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Cloudy x Low < 72 hours	x Overca Incomi	st F ing H	òg ligh	Outgoing		Tide Height:	ft.	
Rainfall	x None	< 0.1"	> 0.1"							
RUNOFF (	CHARACTERIST	ICS								
Odor Color Clarity Floatables Deposits	None None Clear x None None	Musty Yellow Trash x Sediment/Gravel	Rotte Brow Sligh Bubb x Fine I	n Eggs m tly Cloudy des/Foam Particulates	Chemic White Opaque Sheen Stains	cal e	Sew Gray Feca Oily	vage y al Matter v Deposits	x Other x Other x Other Other Other	Dry Dry Dry
Vegetation	x None	Limited	Norm	nal	Excess	ive			Other	
Biology	x None	Insects	Algae	e	Snails/	Fish	Mus	ssels/Barnacles	Other	
Flow Obser Does the st	rved Yes orm drain flow rea	x No Ponded the Receiving W	Tida	1	Yes	No x	N/A			
Evidence o	f Overland Flow?	Yes x	No I	rrigation Run	off Ot	her:				
Photo Take	en x Yes	No Photo #_		_	÷					
Field Screen	ing Samples Colle	cted? Yes x	No							
Water Temp	o (°C)	NH3-	N (mg/L)		NO3-	N (mg/L)		React	t PO4 (mg/	
FLOW ES	<sup>s)</sup>	KSHEETS	(NIU)			(mS/cm)		MBA	S'(mg/L)	
Flow	ing Creek or Box Cu	lvert	Fill	ing a Bottle or	Known Volur	ne		F	lowing Pipe	1
Width		ft Vo	ume			mL		Diameter	F	ft
Depth Velocity		It Tin	ne to Fill			sec	H	Depth Velocity		ft
Flow		gpm FIO	<b>vv</b>			ghu		Flow		gpm
Analytical I	aboratory Sample	s Collected?	Yes	x No		J				1 8pm
O&G (mg/L)		Entero. (MPN/100mL)		Fecal Col. (MPN/mL)		Chlorpy.	•		Pb (ug/L)	
		+		<u> </u>	. 1					1 1

#### COMMENTS: Dry\_\_\_\_\_

		x Routine In	nvestigation		x IC/	ID Follow-U	p Foi	c6/25/2009 _			
GENERAL	SITE DESCRI	PTION		(NAD 83	decimal degre	es to 5th place	)				
Site ID	CB08-8			Latitude	32.7336	8	Wa	Hydrologic	: Unit	908	
Location	Terminal 1 slit	trench gate 9		Longitude	e -117.190	573	tersh	Hydrologic	: Area	908.2	
Date	7/23/2009			TB Page	1288 F1		ed	Hydrologic (Optional)	Subarea	908.21	
Time	1100			Observer	KG		Disc (Opt	charge Area tional)			
Land Use (Pr (Check one or	<b>rimary)</b> nly)	Residenti	al Com	mercial	x Industrial	Agricultura	1	Parks	Ор	en	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residenti	al Com	mercial	x Industrial	Agricultura	1	Parks	Ор	en	
Conveyance (Check one or	nly)	Manhole	x Catch	n Basin	Outlet	Concrete Channel		Natural Cro	eek Ear	then Channel	
ATMOSPH	IERIC CONDIT	IONS									
Weather	x Sunny	Partly Clo	oudy Over	rcast	Fog						
Tide	N/A	x Low	x Incon	ning	High	Outgoing		Tide Height:	ft.		
Last Rain	x > 72 hours	< 72 hour	'S								
Kainfall	x None	< 0.1"	> 0.1								
KUNOFF C	HARACTERIS	TICS	_				-				
Udor Calan	None	x Musty	Rot	ten Eggs	Chem	ical	Sew	age	Othe	r	
Clority	None	x renow	X Brov	wn htly Cloudy	White	-	Gray	/	Othe	r	
Clarity Floatables	Clear	v Trach	x Silg	x Bubbles/Foam		ly Opaque		1	r		
Denosits	x None	Sediment/Grav	el Fine	Particulates	X Silcen		Gilu	Deposite	Othe	r -	
Vegetation	x None	Limited	Nor	mal	Frees	sive		Deposits	Othe	r	
Biology	x None	Insects	Alg	ae	Snails	/Fish	Mus	sels/Bamacles	Othe	r	
Flow Observ	ved Yes	x No Po	onded Tid	al							
Flow Obser Does the sto	ved Yes orm drain flow re	x No Po each the Receivin	onded Tid ng Water?	al	Yes	No x	N/A				
Flow Obser Does the sto Evidence of	ved Yes orm drain flow re Overland Flow?	x No Po each the Receivin x Yes	onded Tid <b>ng Water?</b> No	al Irrigation Ru	Yes moff O	No x	N/A		_		
Flow Obser Does the sto Evidence of Photo Takei	ved Yes orm drain flow ro Overland Flow? n x Yes	x No Po each the Receivin ? x Yes No <b>Pho</b>	onded Tid ng Water? No to #	al Irrigation Ru	Yes moff O	No x ther:	N/A		-		
Flow Obser Does the sto Evidence of Photo Taker	ved Yes orm drain flow re Overland Flow? n x Yes	x No Po each the Receiving x Yes No Phon	onded Tid ng Water? No to #	al Irrigation Ru 	Yes moff O	No x ther:	N/A	<u></u>	-		
Flow Obser Does the sto Evidence of Photo Taker ield Screenii	ved Yes orm drain flow re Overland Flow? n x Yes ng Samples Colle (S) 29.8	x No Po each the Receiving x Yes No Phone ected? x Yes	nded Tid ng Water? No to # No	al Irrigation Ru	Yes inoff O	No x ther:	N/A				
Flow Obser Does the sto Evidence of Photo Taken ield Screenii Water Temp ( 2H (oH units)	ved Yes orm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 29.8 ) 7.54	x No Po each the Receiving x Yes No Phone ected? x Yes	nded Tid ng Water? No to # No NH3-N (mg/L) TURB (NTU)	al Irrigation Ru  5 9.81	Yes unoff O	No x ther: N (mg/L) D (mS/cm)	N/A	R	- eact PO4 (mg/	/L) .4	
Flow Obser Does the sto Evidence of Photo Taker ield Screenin Water Temp ( pH (pH units)	ved Yes orm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 29.8 ) 7.54	x No Po each the Receiving x Yes No Phone ected? x Yes	ng Water? No to # No NH3-N (mg/L) FURB (NTU)	al Irrigation Ru  5 9.81	Yes noff O NO3- CON	No x ther: N (mg/L) D (mS/cm)	N/A ND 3.12	Re	eact PO4 (mg BAS (mg/L)	/L) .4 >1	
Flow Obser Does the sto Evidence of Photo Taken ield Screenii Water Temp pH (pH units) FLOW EST	ved Yes orm drain flow re Overland Flow? n x Yes n x Yes ng Samples Colle (°C) 29.8 ) 7.54 IMATION WOI	x No Po each the Receiving x Yes No Phone ected? x Yes 7 RKSHEETS	onded Tid ng Water? No to # No NH3-N (mg/L) FURB (NTU)	al Irrigation Ru  5 9.81	Yes inoff O NO3- CON	No x ther: N (mg/L) D (mS/cm)	N/A ND 3.12	Re	eact PO4 (mg BAS (mg/L)	/L) .4 >1	
Flow Obser Does the sto Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units) FLOW EST Flowin	ved Yes orm drain flow re Overland Flow? n x Yes <u>ng Samples Colle</u> (°C) 29.8 ) 7.54 IMATION WOI ng Creek or Box C	x No Po each the Receiving x Yes No Phone ected? x Yes T RKSHEETS ulvert	ng Water? No to # No NH3-N (mg/L) TURB (NTU) Fil	al Irrigation Ru  9.81 ling a Bottle o	Yes inoff O NO3- CON r Known Volu	No x ther: N (mg/L) D (mS/cm) me	N/A ND 3.12		Flowing Pipe	/L) .4 >1	
Flow Obser Does the sto Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units) FLOW EST) Flowin Width	ved Yes orm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 29.8 ) 7.54 IMATION WOR ng Creek or Box C	x No Po each the Receiving x Yes No Phone ected? x Yes T RKSHEETS ulvert	nded Tid ng Water? No to # No NH3-N (mg/L) TURB (NTU) Fil Volume	al Irrigation Ru  9.81 ling a Bottle o	Yes inoff O NO3- CON ir Known Volui	No x ther: N (mg/L) D (mS/cm) me 	N/A ND 3.12	Re M Diameter	Flowing Pipe	/L) .4 >1 e Ft	
Flow Obser Does the sto Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units) FLOW EST) Flowin Width Depth	ved Yes orm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 29.8 ) 7.54 IMATION WOI ng Creek or Box C	x No Po each the Receiving x Yes No Phone ected? x Yes I RKSHEETS ulvert Î Î	nded Tid ng Water? No to # No NH3-N (mg/L) FURB (NTU) Fil Volume Time to Fill Time to Fill	al Irrigation Ru  9.81 ling a Bottle o	Yes inoff O NO3- CON	No         x           ther:	N/A ND 3.12	Piameter Depth	Flowing Pipe	/L) .4 >1 e Ft Ft	
Flow Obser Does the sto Evidence of Photo Taken ield Screenin Water Temp ( pH (pH units) FLOW EST) Flowin Width Depth Velocity	ved Yes orm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 29.8 ) 7.54 IMATION WOI ng Creek or Box C	x No Po each the Receiving x Yes No Phone ected? x Yes I RKSHEETS ulvert ft ft ft ft/sec	nded Tid ng Water? No to # No NH3-N (mg/L) Fill FURB (NTU) Fill Volume Time to Fill Flow	al Irrigation Ru  9.81 ling a Bottle o	Yes inoff O NO3- CON ir Known Volu	No         x           ther:	N/A ND 3.12	Diameter Depth elocity	Flowing Pipe	/L) .4 >1 e Ft ft ft/sec	
Flow Obser Does the sto Evidence of Photo Taken ield Screenin Water Temp of pH (pH units) FLOW EST Flowin Width Depth Velocity Flow	ved Yes orm drain flow re orm drain flow? Overland Flow? n x Yes ng Samples Colle (°C) 29.8 ) 7.54 IMATION WOP ng Creek or Box Colle	x No Po each the Receiving x Yes No Phone ected? x Yes <u>presented</u> RKSHEETS ulvert <u>ft</u> ft ft/sec gpm	nded Tid ng Water? No to # No NH3-N (mg/L) FURB (NTU) Fil Volume Time to Fill Flow	al Irrigation Ru  9.81 ling a Bottle o	Yes inoff O NO3- CON ir Known Volu	No         x           ther:	N/A ND 3.12	Diameter Depth elocity low	Flowing Pipe	/L) .4 >1 e Ft ft/sec Gpm	
Flow Obser Does the sto Evidence of Photo Taken ield Screenin Water Temp pH (pH units) FLOW EST Flowin Width Depth Velocity Flow	ved Yes orm drain flow re Overland Flow? n x Yes ng Samples Colle (°C) 29.8 ) 7.54 IMATION WOI ng Creek or Box C	x No Po each the Receiving x Yes No Phone ected? x Yes I RKSHEETS ulvert ft ft ft ft/sec gpm es Collected?	nded Tid ng Water? No to # No NH3-N (mg/L) TURB (NTU) Fil Volume Time to Fill Flow x Yes	al Irrigation Ru 5 9.81 ling a Bottle o No	Yes inoff O NO3- CON	No         x           ther:	N/A ND 3.12 D V F	Diameter lepth low	Flowing Pipe	/L) .4 >1 e Ft ft/sec Gpm	
Flow Obser Does the sto Evidence of Photo Taken 'ield Screenin Water Temp pH (pH units) FLOW EST Flowin Width Depth Velocity Flow nalytical La O&G (mg/L)	ved Yes orm drain flow re orm drain flow? Overland Flow? n x Yes ng Samples Colle (°C) 29.8 ) 7.54 IMATION WOI ng Creek or Box Colle boratory Sample	x No Po each the Receiving x Yes No Phone ected? x Yes In RKSHEETS ulvert ft ft/sec gpm es Collected? Entero. (MPN/100mL)	nded Tid ng Water? No to # No NH3-N (mg/L) TURB (NTU) Fil Volume Time to Fill Flow X Yes	al Irrigation Ru 5 9.81 ling a Bottle o No Fecal Col. (MPN/mL)	Yes inoff O NO3- CON	No         x           ther:	N/A ND 3.12	biameter bepth elocity low	Pb (ug/L)	/L) .4 >1 Ft Ft ft/sec Gpm	
Flow Obser Does the sto Evidence of Photo Taken Field Screenin Water Temp pH (pH units) FLOW EST Flowin Width Depth Velocity Flow Nalytical La O&C (mg/L) Hardness (mg/L)	ved Yes orm drain flow re orm drain flow? Overland Flow? n x Yes ng Samples Colle (°C) 29.8 ) 7.54 IMATION WOI ng Creek or Box Colle boratory Sample	x No Po each the Receiving x Yes No Phone ected? x Yes I control fill ft/sec gpm es Collected? Entero. (MPN/100mL) Total Col. (MPN/100mL)	nded Tid ng Water? No to # No NH3-N (mg/L) TURB (NTU) Fil Volume Time to Fill Flow x Yes	al Irrigation Ru 5 9.81 ling a Bottle o No Fecal Col. (MPN/mL) Diazanon (ug/L)	Yes inoff O NO3- CON	No         x           ther:	N/A ND 3.12	biameter Depth elocity low	Pb (ug/L) Zn (ug/L)	/L) .4 >1 Ft Ft ft/sec Gpm	

	Routine Investigation x IC/ID Follo						o For7/	23/2009		-	
GENERAL	SITE DESCRIP	TION		(NAD 83 (	decimal degre	es to 5th place)					
Site ID	CB08-8			Latitude	32.73368	3	Wa	Hydrologic	Unit	908	
Location	Terminal I slit	trench gate 9		Longitude	-117.196	73	tersh	Hydrologic	Area	908.2	
Date	8/27/2009			TB Page	1288 FI		ed 1	Hydrologic Optional)	Subarea	908.21	
Time	1145			Observer	KG		Discha (Optio	rge Area			
Land Use (Pr (Check one of	r <b>imary</b> ) nly)	Residential	Comr	nercial	x Industrial	Agricultura		Parks	Ор	en	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residential	Comr	nercial	x Industrial	Agricultura	l	Parks	Op	en	
Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Cree	ek Ear	then Cha	nnel
ATMOSPH	ERIC CONDIT	IONS			<u> </u>				7		
Weather Tide Last Rain	x Sunny x N/A x > 72 hours	Partly Cloud Low < 72 hours	ly Over x Incom	cast ling	Fog High	Outgoing	7	fide Height:_	ft.		
Rainfall	x None	< 0.1"	> 0.1'	,							
<b>RUNOFF</b> C	CHARACTERIS	TICS									
Odor	None	x Musty	Rott	en Eggs	Chemi	cal	Sewage	;	Othe	r	
Color	None	x Yellow	x Brov	vn	White		Gray		Othe	Other	
Clarity Floatables	Clear	x Trach	x Sligi	tiy Cloudy	ly Cloudy Opaqu				Othe	r	
Deposits	None	x Sediment/Gravel	X Fin	e Particulates	Sheen		Fecal N	latter	Othe	r	
Vegetation	x None	Limited	Non	nal	Excess	ive.	Olly D		Othe	r	
Biology	None	x Insects	Alga	e	Snails/	Fish	Mussel	s/Barnacles	Othe	r	
Flow Obser	wed Yes	x No Pone	led Tid	al							
Does the sto	orm drain flow r	each the Receiving	Water?		Yes	x No	N/A				
Evidence of	Overland Flow	? Yes	x No	Irrigation Ru	noff O	ther:					
Photo Take	n x Yes	No Photo	#	_							
Field Sereeni	ng Somplog Coll	ootod?	N.								
Water Temp	(°C)	NF	<b>INO</b> I3-N (mg/L)	4	NO3	N (mg/L)		P	act DO4 (man	/T \	
pH (pH units	)	-TU	RB (NTU)		CON	D (mS/cm)			BAS (mg/L)	<u>(L)</u>	51
FLOW EST	IMATION WO	RKSHEETS									
Flowi	ng Creek or Box C	Culvert	Fil	ling a Bottle o	r Known Volu	me			Flowing Pip	e	
Depth		$-\frac{\pi}{\Omega}$	Volume			mL	Dia	neter	+	Ft	
Velocity		ft/sec	Flow			sec	Vel	ui	+	<u> </u>	
Flow		gpm				- Ehui	Flor	<u></u>	+	tt/se	c
nolution	horator Carrel					·		<b>*</b>		_ Opm	L
O&G		Entero.	x res	INO Fecal Col.	<u> </u>	Chlorpy			Ph (ugl1)		
(mg/L)		(MPN/100mL)		(MPN/mL)		(ug/L)		349	ID ("g/L)		
(mg/L)		Total Col. (MPN/100mL)		Diazanon (ug/L)		Cd (ug/L)			Zn (ug/L)		

#### COMMENTS: \_\_\_\_\_\_

1

		x Routine Inv	estigation		IC/I	D Follow-Up	) For	<u></u>		
GENERAL	SITE DESCRIPT	<b>FION</b>		(NAD 83 (	lecimal degree	s to 5th place)				
Site ID	CB12-9			Latitude	32.73516		Wat	Hydrologic Un	it 9	08
Location	Inlet at T-2 West			Longitude	-117.204	44	ersh	Hydrologic Ar	<b>ea</b> 90	08.2
Date	7/23/09			TB Page	1268 E7		ed	Hydrologic Sul (Optional)	barea 9	08.21
Time	0700			Observer	KG		Disc (Opt	harge Area ional)		
Land Use (Pi (Check one of	<b>rimary)</b> nly)	Residential	Comr	nercial	x Industrial	Agricultural		Parks	Open	
Land Use (Se (Optional, gre	econdary) eater than 10%)	Residential	Comr	nercial	x Industrial	Agricultural		Parks	Open	
Conveyance (Check one of	nly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Creek	Earthe	n Channel
ATMOSPH	IERIC CONDITI	ONS	· · ·					9		
Weather Tide Last Rain	Sunny N/A x > 72 hours	Partly Clou x Low < 72 hours	dy x Overc x Incom	ast iing	Fog High	Outgoing		Tide Height:	ft.	
Rainfall	x None	< 0.1"	> 0.1'	,						
RUNOFF (	CHARACTERIS	TICS								
Odor	None	Musty	Rott	en Eggs	Chemi	cal	Sewa	age	x Other	Seawater
Color Clarity	None	Yellow	Broy	wn htly Cloudy	Opagu	e	Gray	,	x Other x Other	<u>Seawater</u>
Floatables	X None	Trash	Bub	bles/Foam	Sheen	-	Feca	l Matter	Other	
Deposits	None X None	X Sediment/Grave	l Fine	Particulates	Stains	iva	Oily	Deposits	Other	
Biology	X None	Insects	Alg	ae	Snails/	Fish	Mus	sels/Barnacles	Other	
Flow Obser	rved Yes	No Por	nded X Tid	lal						
Does the st	orm drain flow re	each the Receivin	g Water?		Yes	No	N/A			
Evidence o	f Overland Flow?	Yes	X No	Irrigation Ru	noff O	ther:				
Photo Take	en XYes	No Phot	o #							
Field Screen	ing Samples Coll	ected? Yes	X No							
Water Temp	o (°C)	N	H3-N (mg/L)		NO3-	N (mg/L)		React	t PO4 (mg/L)	
<b>pH</b> (pH unit	s)		UKB (NTU)		-CON	<b>D</b> (mS/cm)		MBA	S (mg/L)	.l
FLOW ES	FIMATION WO	RKSHEETS								
Flow	ing Creek or Box C	tt livert	Volume	lling a Bottle (	or Known Volu	me mL		Jiameter	lowing Pipe	ft
Depth		ft	Time to Fill			sec		Depth		ft
Velocity		ft/sec	Flow			gpm		/elocity		ft/sec
Flow		gpm						low		gpm
Analytical L	aboratory Sampl	es Collected?	Yes	X No						
O&G		Entero.		Fecal Col.		Chlorpy	•		Pb (ug/L)	
Hardness		Total Col.		Diazanon		Cd (ug/L)	)		Zn (ug/L)	
(mg/L)		(MPN/100mL)		(ug/L)						

COMMENTS: Some pooled water in catch basin Salinity=3.5%\_\_\_\_\_

		x Routine II	ivestigation		IC/	ID Follow-Uj	o For	·			
GENERAL	SITE DESCRIP	TION		(NAD 83	decimal degre	es to 5th place)			-		
Site ID	CB09-10			Latitude	32.7299	3	Wa	Hydrologic	Unit	908	
Location	Inlet at T-2 West	t		Longitud	e -117.197	748	tersh	Hydrologic	Area	908.2	
Date	7/23/09	<u> </u>		TB Page	1299 F1		ed	Hydrologic (Optional)	Subarea	908.2	1
Time	0630			Observer	KG		Disc (Opt	harge Area ional)			
Land Use (Pr (Check one or	<b>rimary)</b> nly)	Residenti	al Com	nercial	x Industrial	Agricultural		Parks	Oŗ	ben	
Land Use (Se (Optional, gre	econdary) ater than 10%)	Residenti	al Comr	nercial	x Industrial	Agricultural		Parks	Or	ben	
Conveyance (Check one or	ıly)	Manhole	x Catch	Basin	Outlet	Concrete Channel		Natural Cree	ek Ea	rthen Cha	nnel
ATMOSPH	ERIC CONDITI	ONS									
Weather	Sunny	Partly Clo	oudy x Overc	ast	Fog						
Tide	N/A	x Low	x Incom	ing	High	Outgoing		Tide Height:_	ft.		
Last Rain	x > 72 hours	< 72 hour	s					_			
<b>Xainfall</b>	x None	< 0.1"	> 0.1'	•							
RUNOFF C	HARACTERIST	ICS									
)dor	None	Musty	Rott	en Eggs	Chemi	cal	Sewa	ge	x Othe	r <u>D</u>	ry
Color Classifier	None	Yellow	Brov	wn White			Gray		x Othe	er <u>D</u>	<u>ry</u>
-iarity Floatables	X None	Trach	Sligi	htly Cloudy Opaque		e	X Uther Fecal Matter Other		er <u>D</u>	ry	
Donoeite	None	Codiment/Carry	J Subi	e Particulates Stains			recal	Matter	Othe	er	
renosits	inone	Seofment/Urave	e xrine	Particulates	Staine		1 11 137	Jonocuto	Othe		
egetation	X None	Limited	Norr	Particulates nal	Stains Excess		Oily	Deposits	Othe	2T	
Vegetation Biology	X None X None	Limited Insects	Norr Alga	Particulates nal e	Stains Excess Snails/	ive Fish	Muss	Deposits els/Barnacles	Othe Othe Othe	27 27 27	
Vegetation Biology Flow Observ	X None X None X None	Limited Insects x No Po	nded Tida	Particulates nal e al	Stains Excess Snails/	ive Fish	Muss	els/Barnacles	Othe Othe Othe	er er	
Vegetation Biology Flow Observ Does the stor	X None X None ved Yes rm drain flow rea	Limited Insects x No Po	nded Tida	Particulates nal e	Stains Excess Snails/ Yes	rive Fish No	Muss N/A	Deposits	Othe Othe Othe	er er er	
Vegetation Biology Flow Observ Does the stor Evidence of	X None X None ved Yes rm drain flow rea Overland Flow?	Limited Insects x No Po ach the Receivin Yes	nded Tida ng Water?	Particulates nal e al	Stains Excess Snails/ Yes noff Ot	ive Fish No	Muss N/A	Deposits	Othe Othe Othe	er er er	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taken	X None X None ved Yes rm drain flow rea Overland Flow?	Limited Insects x No Po the the Receivin Yes No Phot	nded Tida ng Water? x No 1	Particulates nal e al rrigation Ru	Yes	ive Fish No	Muss N/A	Deposits	Othe Othe Othe	er	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taken	X None X None Ved Yes rm drain flow rea Overland Flow? h X Yes	Limited Insects x No Po the the Receivin Yes No Phot	nded Tida nded Tida ng Water? x No 1 0 #	Particulates nal e al rrigation Ru	Yes	ive Fish No	Muss N/A	Deposits	Othe Othe Othe	er er er	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taken eld Screenin Vater Temp (	X None X None Ved Yes rm drain flow rea Overland Flow? M X Yes	Limited Insects x No Po her the Receivin Yes No Phot eted? Yes	nded Tida nded Tida ng Water? x No 1 0 # X No 1 143-N (mg/L)	Particulates nal e al rrigation Ru	Stains Excess Snails/ Yes noff Or	No	Muss N/A	els/Barnacles	Othe Othe Othe	r r r	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taken eld Screenin Vater Temp ( H (pH units)	X None X None X None rm drain flow rea Overland Flow? M X Yes M Samples Collect (°C)	Limited Insects x No Po here the Receivin Yes No Phot eted? Yes	nded Tida nded Tida ng Water? x No 1 o # X No H13-N (mg/L) URB (NTU)	Particulates nal e al rrigation Ru	Stains Excess Snails/ Yes noff Or NO3-1	ive Fish No ther: N (mg/L) D (mS/cm)	Muss N/A	Deposits els/Barnacles Rea MB	Othe Othe Othe Othe <b>tet PO4</b> (mg/L)	r r r /L)	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taken eld Screenin Water Temp ( DH (pH units)	X None X None X None ved Yes rm drain flow rea Overland Flow? M X Yes	Limited Insects x No Po the the Receivin Yes No Phote ted? Yes	nded Tida nded Tida ng Water? x No 1 o # X No H3-N (mg/L) URB (NTU)	Particulates nal e al rrigation Ru	Stains Excess Snails/ Yes noff Or NO3-1 CONI	No No No No No No No No N(mg/L)	Muss N/A	Deposits els/Barnacles Rea MB	et PO4 (mg/L)	rr rr rr	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taken eld Screenin Water Temp ( DH (pH units) FLOW ESTI	X None X None X None ved Yes rm drain flow rea Overland Flow? A X Yes A X Y Yes A X Yes A X Y Yes A X Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	Limited Insects x No Po the the Receivin Yes No Phot eted? Yes XSHEETS vert	nded Tida nded Tida ng Water? x No 1 o # X No HI3-N (mg/L) URB (NTU)	Particulates nal e al rrigation Ru	Stains Excess Snails/ Yes noff Or NO3- CONI	ive Fish No ther: N (mg/L) D (mS/cm)	Muss N/A	Deposits els/Barnacles	et PO4 (mg AS (mg/L)	r r r /L)	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taken eld Screenin Vater Temp ( DH (pH units) LOW ESTI Flowin Vidth	X None X None X None ved Yes rm drain flow rea Overland Flow? Marian K Yes Mamples Collect (°C) MATION WORI	Limited Insects x No Po the the Receivin Yes No Phot ted? Yes No Phot teted? Yes No Phot teted? Yes	nded Tida nded Tida ng Water? x No 1 o # X No H3-N (mg/L) URB (NTU) Fill Volume	Particulates nal e al rrigation Ru 	Stains Excess Snails/ Yes noff Or NO3-1 CONI r Known Volur	ive Fish No ther: N (mg/L) D (mS/cm) ne mL	Muss N/A	Deposits els/Barnacles Rea MB ameter	et PO4 (mg AS (mg/L)	e e e e e	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taken eld Screenin Water Temp ( DH (pH units) LOW ESTI Flowin Vidth Depth	X None X None X None ved Yes rm drain flow rea Overland Flow? MATION WORI	Limited Insects x No Po the the Receivin Yes No Phot ted? Yes XSHEETS vert ft ft	nded Tida nded Tida ng Water? x No 1 w # X No H3-N (mg/L) URB (NTU) Fill Volume Time to Fill	Particulates nal e al rrigation Ru	Stains Excess Snails/ Yes noff Or NO3-1 CONI r Known Volur	ive         Fish         No         ther:	Diy Muss N/A	Deposits els/Barnacles Rea MB ameter pth	Othe Othe Othe AS (mg/L)	e ft ft ft ft ft ft ft ft ft ft	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taker Photo Taker Choto Taker Photo Taker Photo Taker Contemporation Contempor	X None X None X None ved Yes rm drain flow rea Overland Flow? A X Yes Maximum Samples Collect (°C)	Limited Insects x No Po here the Receivin Yes No Phot reted? Yes xted? Xter xted? Yes xter xter xter xter xter xter xter xter	nded Tida nded Tida ng Water? x No 1 o # X No (H3-N (mg/L) URB (NTU) Fill Volume Time to Fill Flow	Particulates nal e al rrigation Ru	Stains Excess Snails/ Yes noff Or NO3-1 CONI	ive Fish No ther: N (mg/L) 0 (mS/cm) ne mL sec gpm	Diy Muss N/A	Deposits els/Barnacles Rea MB ameter pth locity	et PO4 (mg/L)	e ft ft ft ft/see	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taker eld Screenin Vater Temp ( H (pH units) LOW ESTI Flowin Vidth Depth Velocity low	X None X None X None ved Yes rm drain flow rea Overland Flow? MATION WORI	Limited Insects x No Po the the Receivin Yes No Phot eted? Yes Yes XSHEETS vert ft ft ft/sec gpm	nded Tida Norr Alga anded Tida bg Water? x No 1 b w x No 1 b w w x No 1 b w w w w w w w w w w	Particulates nal e al rrigation Ru	Stains Excess Snails/ Yes noff Or NO3-1 CONI	ive         Fish         No         ther:	Diy Muss N/A	Deposits els/Barnacles els/Barnacles Rea MB ameter pth locity	Cthe Othe Othe Othe <b>Et PO4</b> (mg AS (mg/L)	r r r r r r r r r r r r r r r r r r r	
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taker eld Screenin Water Temp ( pH (pH units) 'LOW ESTI Flowin Vidth Depth /elocity flow	X None X None X None ved Yes rm drain flow rea Overland Flow? MATION WORI g Creek or Box Cul	Limited Insects x No Po here the Receivin Yes No Phot ted? Yes No Phot ted? Yes No Phot ted? Yes T KSHEETS vert ft ft ft/sec gpm	rine to Fill Flow Yes	Particulates nal e al rrigation Ru ing a Bottle o	Stains Excess Snails/ Yes noff Or NO3-1 CONI r Known Volur	ive         Fish         No         ther:	Diy Muss N/A	ameter pth locity	Othe Othe Othe AS (mg/L)	e ft ft gpm	2
Vegetation Biology Flow Observ Does the stor Evidence of Photo Taker ield Screenir Water Temp ( pH (pH units) Vidth Depth /elocity ilow 1alytical Lal D&G mg/L)	X None X None X None ved Yes rm drain flow rea Overland Flow? A X Yes Maximum Samples Collect (°C) IMATION WORI g Creek or Box Cul	Limited Insects x No Po here the Receivin Yes No Phot eted? Yes No Phot eted? Yes No Phot teted? Yes No Phot eted? Yes N	er x Prife Norr Alga anded Tida og Water? x No 1 o # X No 1 o # X No 1 o # X No 1 o # Y NO 1 O # URB (NTU) 1 Fill Volume Time to Fill Flow Yes	Particulates nal e al rrigation Ru	Stains Excess Snails/ Yes noff Or NO3- CONI r Known Volur	No No ther:	Dig Di Di Di De Fit	els/Barnacles el	Othe Othe Othe Othe <b>EXACUPS</b> <b>Flowing Pip</b> <b>Flowing Pip</b> <b>Pb</b> (ug/L)	r r r r r 	
Vegetation Biology Flow Obserr Does the stor Evidence of Photo Taker ield Screenir Water Temp ( pH (pH units) FLOW ESTI Flow ESTI Flow ESTI Flow Nidth Depth Velocity Flow nalytical Lal D&G mg/L) Hardness	X None X None X None ved Yes rm drain flow rea Overland Flow? MATION WORI g Creek or Box Cul boratory Samples	Secondent/Oravi         Limited         Insects         x No       Po         ach the Receivin         Yes         No       Phot         cted?       Yes         rted?       Yes         x       No         Phot       T         Steel?       Yes         rted?       Yes         x       No         Steel?       Yes         x       Yes         y       Yes         y       Yes         y       Yes         x       Yes         y	<pre>nded Tida Norr Alga nded Tida ng Water? x No I o # X No H3-N (mg/L) URB (NTU) Fill Volume Time to Fill Flow Yes </pre>	Particulates nal e al rrigation Ru ing a Bottle o X No Fecal Col. (MPN/mL) Diazanon	Stains Excess Snails/ Yes noff Or NO3-1 CONI r Known Volur	No         Fish         No         ther:	Diy Muss N/A	els/Barnacles el	Othe Othe Othe Othe <b>Et PO4</b> (mg <b>AS</b> (mg/L) Flowing Pip Blowing Pip Blowing Pip Content Conte	r r r r r r r m r m r m r m r m r r m r  m r m r  m r m r  m r  m r m r  m r  m r m r  m r m r  m r m r  m r m r  m r m r  m r m r	2

SITE ID:	CB01-1	DATE:	7/23/2009	
LOCATION:	WEST OF LANDMARK	TIME:	1020	
OBSERVER:				
PREVIOUS TRA	SH ASSESSMENT RATING:	ΟΡΤΙ	MAL	
ESTIMATED AF	REA OF ASSESSMENT L X W (FT):	_50x5	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 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)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

TYPE Banking or Count	t	POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
	Ranking or Cou by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive							[					
Biohazard Waste												
Business Related												
Cigarette Butts	c											
Construction												
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.

Comments:

SITE ID:	CB03-2	DATE:	7/23/2009	
LOCATION:	EAST END OF RUNWAY	Тіме:	1000	
OBSERVER:	KRIS GREEN			
PREVIOUS TR	ASH ASSESSMENT RATING:	ΟΡΤΙ	MAL	
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	50x5	0	

Amount and Extent of Trash							
EVALUATION OF TRASH INCLUDES*: X MS4 RECEIVING WATER BOTH							
<b>x Optimal</b> On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluation 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)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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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ŧ		POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТүрЕ	Ranking or Cou 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							=					
Food Packaging												
Food Waste					-	-		1				
Household												
Shopping Carts		_										
Toxic				_	Ι							
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:

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SITE ID:	CB05-3	DATE:	7/23/2009	
LOCATION:	RENTAL CAR PARKING LOT	Тіме:	0515	
OBSERVER:	Kris Green			
PREVIOUS TRA	ASH ASSESSMENT RATING:	ΟΡΤΙΙ	MAL	
	REA OF ASSESSMENT L X W (FT):	100x	100	

Amount and Extent of Trash							
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	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.

ŧ		POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
Түре	Ranking or Cou 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												
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.

Comments:

Page 2 of 2

SITE ID:	CB05-4	DATE:	7/23/2009
LOCATION:	BY RUNWAY LIGHT VAULT	Тіме:	0945
OBSERVER:	KRIS GREEN		
PREVIOUS TR	ASH ASSESSMENT RATING:	ΟΡΤΙ	MAL
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	50x5	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 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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.

t		POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТүрЕ	Ranking or Cou by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive							ŭ.					
Biohazard Waste												
Business Related												
Cigarette Butts												
Construction		Γ										
Fabric/Clothing												
Food Packaging						12						
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.

Comments:

SITE ID: CB06-5		DATE:	7/23/2009	
LOCATION:	EAST OF CONTROL TOWER	Тіме:	0731	
OBSERVER:	KRIS GREEN			
PREVIOUS TR	ASH ASSESSMENT RATING:	ΟΡΤΙ	MAL	· · ·
ESTIMATED A	REA OF ASSESSMENT L X W (FT):	100x	100	

Amount and Extent of Trash							
<b>x Optimal</b> 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 Evalua	ation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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)							
Түре	Ranking or Cou 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												

\* 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:

SITE ID:	CB07-6	DATE:	7/23/2009			
LOCATION:	OWS AT AA MAINTENANCE YARD	TIME:	: <b>0708</b>			
OBSERVER:	KRIS GREEN	·				
PREVIOUS TR	ASH ASSESSMENT RATING:	ΟΡΤΙ	MAL			
	REA OF ASSESSMENT L X W (FT):	20x3	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 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)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.

	J	POTENTIAL ROUTE (CHECK UP TO 2)			POTENTIAL SOURCE (CHECK UP TO 2)							
Т	Ranking or Cou by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related							2					
Cigarette Butts												
Construction												
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.

Comments:

SITE ID:	CB07-7	DATE:	7/23/2009			
LOCATION:	CB AT WEST WING PARKING	TIME:	0610			
OBSERVER:	Kris Green					
PREVIOUS TR	ASH ASSESSMENT RATING:	ΟΡΤΙ	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	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)
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.

14	t	POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТүрЕ	Ranking or Cou 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	1											
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.

Comments:

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	

100x100

ESTIMATED AREA OF ASSESSMENT L X W (FT):

Amount and Extent of Trash EVALUATION OF TRASH INCLUDES\*: X MS4 RECEIVING WATER Вотн On first glance, no trash visible. Little or no trash (<10 pieces) evident when evaluated Optimal area is closely examined for litter and debris. X On first glance, little or no trash visible. After close inspection small levels of trash (~10-Suboptimal 50 pieces) evident in evaluated area. Trash is evident in low to medium levels (~51-100 pieces) on first glance. Evaluated area □ Marginal contains litter and debris. Evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, or clothing present. 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, Submarginal bottles, food wrappers, blankets, or clothing present. Site is significantly impacted by trash. Evidence of trash accumulation behind a D Poor 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	Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)							
D 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.							
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.							

		POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
Түре	Ranking or Coul by Type <sup>*</sup>	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related					L						ļ	
Cigarette Butts												
Construction											ļ	
Fabric/Clothing										<u> </u>		
Food Packaging								ļ	ļ	<b>_</b>	ļ	ļ
Food Waste		÷ .							ļ			ļ
Household							ļ	ļ		<u> </u>	ļ	ļ
Shopping Carts											<b></b>	<b></b>
Toxic												<u> </u>
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:\_\_\_\_\_

SITE ID:	CB12-9	DATE: 7/23/2009	
LOCATION:	INLET W END OF T2	Тіме: 0700	
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 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)							
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.						
<ul> <li>Potential</li> <li>Threat to</li> <li>Aquatic Health</li> </ul>	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.						

t		POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТүрЕ	Ranking or Cou by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive												
Biohazard Waste												
Business Related												
Cigarette Butts		1										
Construction		ſ										
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.

Comments:

SITE ID:	CB09-10	DATE: 7/23/2009	. <u> </u>
LOCATION:	TERMINAL 1 PARKING LOT	Тіме: 0630	
OBSERVER:	KRIS GREEN		
PREVIOUS TR	ASH ASSESSMENT RATING:	OPTIMAL	· · · · · · · · · · · · · · · · · · ·
	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	Site Evaluation for Potential Threat to Human Health and/or Aquatic Health (applies to area of assessment)							
<ul> <li>Potential</li> <li>Threat to</li> <li>Human Health</li> </ul>	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.							

z		POTENTIAL ROUTE (CHECK UP TO 2)				POTENTIAL SOURCE (CHECK UP TO 2)						
ТүрЕ	Ranking or Coul by Type *	Dumping	Littering	Upstream	Unable to determine	Household	Construction	Commercial	Industrial	School	Transient	Unable to determine
Automotive						20						
Biohazard Waste					l			2				
Business Related							<u> </u>					
Cigarette Butts												
Construction												
Fabric/Clothing											L	ļ
Food Packaging												
Food Waste										<u> </u>		
Household									ļ	<u> </u>		
Shopping Carts										ļ	<u> </u>	<u> </u>
Toxic										ļ	ļ	ļ
Yard Waste						1						

\* 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:\_\_\_



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,

nd X. Foryth

Richard 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.



MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego CA, 92123	Project: San Dieg Project Number: [none] Project Manager: Amanda A	o Airport rchenhold		<b>Reported:</b> 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.QA/QC CRITERIA:All quality objective criteria were met, except as noted in the report with data qualifiers.

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



MACTEC Engineering & Consulting	Project:	San Diego Airport				
9177 Sky Park Court Suite A	Project Number:	[none]	Reported:			
San Diego CA, 92123	Project Manager:	Amanda Archenhold	07/29/09 15:09			
Misushiological Dayamataya bu ADUA Standayd Mathada						

#### Microbiological Parameters by APHA Standard Methods

Sierra Analytical Labs, Inc.													
Analyte	Result	Reportin Lim	g it Units	Dilution	Batch	Prepared	Analyzed	Method	Notes				
CB08-8-7-23-09 (0907380-01) Liquid Sampled: 07/23/09 11:00 Received: 07/23/09 13:06													
Enterococcus	1100	20	MPN/100 mL	10	B9G2409	07/23/09	07/23/09 16:30	SM 9230B					
Fecal Coliforms	900	20	"	"	"	"	"	SM 9221E					
Total Coliforms	500	20	"	"	"	"	"	SM 9221B					
CB01-1-7-23-09 (0907380-02) Liquid	Sampled: 07/23/09	9 10:20	Received: 07	/23/09 13	3:06								
Enterococcus	1300	20	MPN/100 mL	10	B9G2409	07/23/09	07/23/09 16:30	SM 9230B					
Fecal Coliforms	40	20	"	"	"	"	"	SM 9221E	H-01				
Total Coliforms	24000	200		100	"	"	"	SM 9221B					

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



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MACTEC Engineering & Consulting		Proj	ect: S	xt: San Diego Airport											
9177 Sky Park Court Suite A		Project Num	ber: [	none]	-	Reported:									
San Diego CA, 92123		Project Manag	ger: A	Amanda Arch	enhold			07/29/09 15:09							
Co	<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>														
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	9 11:00 Rec	eived	: 07/23/09 13	3:06										
Total Hardness	1010	0.400	mg/L	1	B9G2813	07/23/09	07/28/09 11:33	SM 2340 C							
Hexane Extractable Material (HEM)	4.30	2.00						EPA 1664							
CB01-1-7-23-09 (0907380-02) Liquid	Sampled: 07/23/09	9 10:20 Rec	eived	: 07/23/09 13	3:06										
Total Hardness	298	0.400	mg/L	1	B9G2813	07/23/09	07/28/09 11:33	SM 2340 C							
Hexane Extractable Material (HEM)	3.50	2.00	"		"	"	"	EPA 1664							

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



	Metals (Dissolved) by E	PA 200 Series Methods	
San Diego CA, 92123	Project Manager:	Amanda Archenhold	07/29/09 15:09
9177 Sky Park Court Suite A	Project Number:	[none]	Reported:
MACTEC Engineering & Consulting	Project:	San Diego Airport	

### 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	Received:	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	Received:	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	"	"	"	"	"	"

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



Copper

Lead

Zinc

MACTEC Engineering & Consulting 9177 Sky Park Court Suite A San Diego CA, 92123		Pr Project Nu Project Mar	<b>Reported:</b> 07/29/09 15:09							
Met	als (Dissolve	d) by EPA	200 Sei	ries Metho	ds - Qua	lity Con	trol			
		Sierra Ar	nalytica	al Labs, I	nc.					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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	"							
Zinc	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)	Sou	ırce: 090738	0-01	Prepared	& Analyz					
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)	Sou	ırce: 090738	0-01	Prepared	& Analyz	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	

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

4.0

2.0

97.6

1370

"

"

100

100

4.5

1300

93.1

70.0

70-130

70-130

3.42

2.21

20

20



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MACTEC	Engineering & Consulting	Project:	San Diego Airport							
9177 Sky	Park Court Suite A	Project Number:	[none]	Reported:						
San Diego	o CA, 92123	Project Manager:	Amanda Archenhold	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 recovery.	d/or MSD. The batch was accepted based on	acceptable LCS							
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									

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



Analytical Laboratory Service - Since 1964

#### **Certificate of Analysis**

Report Date:	Wednesday, August 19, 2009
Received Date:	Monday, July 27, 2009
Received Time:	10:45 am
Turnaround Time:	Normal

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

P.O. #:

Laguna Hills, CA 92653 Attn: Nick Forsyth

26052 Merit Circle, Suite 105

Client: Sierra Analytical

Project: 0907380

Lab Sample ID: 9G27012-01	Sample ID:	CB08	-8-7-23-0	Matrix: Water							
Sampled by: Client	Sampled: 07/2	Sampled: 07/23/09 11:00									
Analyte	Result	DL	RL	Units Dil	Method	Prepared	Analyzed		Batch	Qualifier	
Azinphos methyl (Guthion)	ND	0.12	0.15	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Bolstar	ND	0.088	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Chlorpyrifos	ND	0.041	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Coumaphos	ND	0.068	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Demeton-o	ND	0.049	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Demeton-s	ND	0.063	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Diazinon	ND	0.058	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Dichlorvos	ND	0.11	0.15	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Disulfoton	ND	0.064	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Ethoprop	ND	0.11	0.15	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Fensulfothion	ND	0.090	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Fenthion	ND	0.027	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Merphos	ND	0.062	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Methyl parathion	ND	0.057	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Mevinphos	ND	0.089	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Naled	ND	0.060	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Phorate	ND	0.054	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Ronnel	ND	0.037	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Stirophos	ND	0.050	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Tokuthion (Prothiofos)	ND	0.063	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Trichloronate	ND	0.031	0.10	ug/l 1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067		
Surrogate: Triphenyl phosphate	301 %		6-173	}						S-04	

Lab Sample ID: 9G27012-02 Sampled by: Client	Sample ID: Sampled: 07/2	CB08 23/09 10	-8-7-23 ):20	Mat	rix: 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	7/29/09	8/10/09 12:41	dav	W9G1067	
Bolstar	ND	0.088	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Chlorpyrifos	ND	0.041	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Coumaphos	ND	0.068	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Demeton-o	ND	0.049	0.10	ug/l	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	

9G27012

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### **Certificate of Analysis**

Lab Sample ID: 9G27012-02	Sample ID:	CB08	8-8-7-23-0	)9 (0907380-02)						Mat	trix: Water
Sampled by: Client	Sampled: 07/2	23/09 10	):20								
Analyte	Result	DL	RL	Units D	il	Method	Prepared	Analyzed		Batch	Qualifier
Demeton-s	ND	0.063	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Diazinon	ND	0.058	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Dichlorvos	ND	0.11	0.15	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Disulfoton	ND	0.064	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Ethoprop	ND	0.11	0.15	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Fensulfothion	ND	0.090	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Fenthion	ND	0.027	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Merphos	ND	0.062	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Methyl parathion	ND	0.057	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Mevinphos	ND	0.089	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Naled	ND	0.060	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Phorate	ND	0.054	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Ronnel	ND	0.037	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Stirophos	ND	0.050	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Tokuthion (Prothiofos)	ND	0.063	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Trichloronate	ND	0.031	0.10	ug/l 1	1	EPA 8141A	7/29/09	8/10/09 12:41	dav	W9G1067	
Surrogate: Triphenyl phosphate	110 %		6-173								


## **Certificate of Analysis**

#### **Quality Control Section**

#### Organophosphorus Pesticides by EPA Method 8141A - Quality Control

#### Batch W9G1067 - EPA 8141A

Blank (W9G1067-BLK1)				I	Prepared: 07	/29/09 Ana	alyzed: 08/10	0/09 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					
LCS (W9G1067-BS1)				I	Prepared: 07	/29/09 Ana	alyzed: 08/10	0/09 12:41	
	Sample	QC	0	11-24-	Spike	0/ DE0	%REC	DDD	RPD
Analyte	Result	Result	Qualifier	Units	Level	%REC	Limits	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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## **Certificate of Analysis**

#### Organophosphorus Pesticides by EPA Method 8141A - Quality Control

#### Batch W9G1067 - EPA 8141A

LCS (W9G1067-BS1)					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
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)	So	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		0.895		ug/l	1.00	90	6-173		
Azinphos methyl (Guthion)	ND	0.990		ug/l	1.00	99	45-161		
Bolstar	ND	0.858		ug/l	1.00	86	35-171		
Chlorpyrifos	ND	0.864		ug/l	1.00	86	36-157		
Coumaphos	ND	0.946		ug/l	1.00	95	25-199		
Demeton-o	ND	0.966		ug/l	1.00	97	22-179		
Demeton-s	ND	0.998		ug/l	1.00	100	32-173		
Diazinon	ND	0.958		ug/l	1.00	96	33-172		
Dichlorvos	ND	0.855		ug/l	1.00	86	11-197		
Disulfoton	ND	0.999		ug/l	1.00	100	56-133		
Ethoprop	ND	0.876		ug/l	1.00	88	57-148		
Fensulfothion	ND	1.06		ug/l	1.00	106	32-236		
Fenthion	ND	0.852		ug/l	1.00	85	54-154		
Merphos	ND	0.758		ug/l	1.00	76	41-188		
Methyl parathion	ND	0.930		ug/l	1.00	93	43-169		
Mevinphos	ND	0.883		ug/l	1.00	88	18-186		
Naled	ND	1.07		ug/l	1.00	107	6-234		
Phorate	ND	0.907		ug/l	1.00	91	46-160		
Ronnel	ND	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	ND	0.790		ug/l	1.00	79	41-155		
Matrix Spike Dup (W9G1067-MSD1)	So	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		0.787		ug/l	1.00	79	6-173		
Azinphos methyl (Guthion)	ND	0.801		ug/l	1.00	80	45-161	21	25
Bolstar	ND	0.803		ug/l	1.00	80	35-171	7	25
Chlorpyrifos	ND	0.859		ug/l	1.00	86	36-157	0.6	25
Coumaphos	ND	0.787		ug/l	1.00	79	25-199	18	25
Demeton-o	ND	1.02		ug/l	1.00	102	22-179	6	25
Demeton-s	ND	1.04		ug/l	1.00	104	32-173	5	25
Diazinon	ND	0.976		ug/l	1.00	98	33-172	2	25

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## **Certificate of Analysis**

#### Organophosphorus Pesticides by EPA Method 8141A - Quality Control

Matrix Spike Dup (W9G1067-MSD1)	So	ource: 9G2800	6-01	I	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



#### **Certificate of Analysis**

#### 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



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:

MS-05	The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference
S-04	The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable. The surrogate recovery for this sample is outside of established control limits due to possible sample matrix effect.
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

SIERRAA TEL: 949•34 Fa X: 940•34	NALYTICAL 8-9389 8-0115	СНА	IN OF CUSTODY F	LECORD	Date: 7 / 23, 09	Page 👗 of 1	
26052 Merit	Circle• Suite 105•Lagur	1a Hills, CA•92653			Lab Project No.: 22	7380	1.1
nt: MACTEC nt Address: 9177 S	ky Park (	Client Project JD:		Analysis F	equested	Geotracker EDD Info:	
nt Tel. No.: 858 27 ant Fax. No.: ant Proj. Mgr.: A MM-UNA	8 3400 AELHENTHU	Time Requested 148	mediate24 Hour Hour72 Hour Pay5 Day rmalMobile	4 60 FILD	SS2NOZ INGJIJ	Client LOGCODE Site Global ID	
Client Sample ID.	Sierra Date Time	Matrix Preservative C	Container No. of Type Containers	710 710 710 710 710	V H 1 ↓ (V9 :	Field Point Names/ Comments	<u></u>
08-8-7-25-09	01 7-23 1100 05 7-23 1020	D to Ite V	APRIEUS 4	$\times$			
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r Signature: P, X		hipped Via:		Total Numb	er of Containers Submitted to	Sample Disposal:	
Name: Kris Gree		Carrier/Waybill No.)		Laboratory		Return to Client	
ished By: T. M.	7-25 R Date - 25	eceived By: S- Neff	7.23.09 Date: 1306	The delivery of samples and the signature or authorization to perform the analysis speci Conditions, unless otherwise agreed upon in * - Samples determined to be hazardous by	this chain of custody form constitutes ed above under SIERRA's Terms and vriting between SIERRA and CLIENT. IERRA will be returned to CLIENT.	□ Lab Disposal <sup>1</sup> <sup>#</sup>	
shed By: S- Math	7.25.04	ompany: cceived Buck	72240	Total Numl	er of Containers Received	Archive mos.	
× SA P	<b>1636</b> Time: C	ompany: Steel Fig	Line C	by Laborat	٢y	Dther	
shed By:	Date R	eceived By:	Date:	FOR LABORATORY USE ON	Y - Sample Receipt Conditio	us: ✓ ★	
ż	Time: C	ompany:	Time:		Chilled - Temp. (°C)	<b></b>	
al Instructions:				Properly Labelled	Other Other		
			•	Appropriate Sample Container	Biorage Location	200-070-075	

CHAIN OF CUSTODY RECORD

DISTRIBUTION: White - To Accommon Sounder Vellow I observatory Conv. Bink Eigld Beneral Conv.

Rev: 102005



Appendix C

# FY08-09 Wet Weather Sampling Results

									Re	sults			-	
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	26.0 <sup>a</sup>	21.0 <sup>a</sup>	18.0 <sup>b</sup>	25.0 <sup>c</sup>	15.0 <sup>d</sup>	68.0 <sup>e</sup>	34.0 <sup>f</sup>	37.0 <sup>a</sup>	10.2 <sup>g</sup>	61.0 <sup>a</sup>
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
pH	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									

#### **Compliance Sites Analytical Results**

Notes:

<sup>a</sup> 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

<sup>f</sup>Dilution = 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 <sup>a</sup>	26.0 <sup>a</sup>	13.0 <sup>b</sup>	17.6 <sup>b</sup>	37.0 <sup>a</sup>
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
pН	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	μg/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:

<sup>a</sup> Dilution = 10 and Reporting Limit = 20.0; b Dilution = 2 and Reporting Limit = 4.0

ND = Non Detect

NA = Not Applicable

**Particle Size Results** 

Sample ID	Median Crain Siza				Cumulative <b>F</b>	ercent Grea	ter Than (Dis	stribution per	rcent, micron	s)		
Sample ID	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

\*\* Ideal obscuration is between 8-12%. Sample obscuration is 3%

									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
pH	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	μg/L	25, 50	450	190	980	440	560	230	300	66.0	ND	780
Copper	EPA 200.8	1, 2	μg/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	μg/L	2.0	240	160	15	440	350	100	27	21	37	74
Zinc	EPA 200.8	2	μg/L	2.0	270	190	10	490	290	420	170	140	63	120
Total Petroleum Hydro	ocarbons (TPH	I)												
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														
Ethylene Glycol	EPA 8015B	2	mg/l	10.0	ND									
Propylene Glycol	EPA 8015B	2	mg/l	10.0	ND									

**Compliance Sites Analytical Results** 

Notes:

ND = Non Detect

NA = Not Applicable

				-			Results		
Analyte	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
Conventionals									
BOD	EPA 405.1	5	mg/l	10.0	14.8	19.0	27.0	20.0	36.0
COD	EPA 410.4	1	mg/l	0.100	38.0	42.0	87.0	72.0	61
SC	EPA 120.1	1	µmhos/cm	0.100	62.2	72.4	109	176	144
Oil & Grease	EPA 1664	1	mg/l	2.00	ND	ND	ND	ND	ND
pН	EPA 150.1	1	pH Units	0.100	6.08	6.38	8.92	7.59	6.63
Total Suspended Solids	EPA 160.2	1	mg/l	1.00	3.00	5.00	2.00	1.00	4.00
Metals (Total)									
Aluminum	EPA 200.8	1, 2	μg/L	25, 50	620	1100	40	ND	66
Copper	EPA 200.8	1, 2	μg/L	1.0, 2.0	30	35	18	20	75
Iron	EPA 200.8	1, 2	mg/l	0.025, 0.05	ND	ND	ND	ND	ND
Lead	EPA 200.8	1, 2	μg/L	1.0, 2.0	3.8	10	ND	ND	ND
Zinc	EPA 200.8	1, 2	μg/L	1.0, 2.0	150	220	55	35	200
Metals (Dissolved)									
Copper	EPA 200.8	1	μg/L	1.0	16	19	11	14	21
Zinc	EPA 200.8	1	μg/L	1.0	100	160	23	20	140
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:

\* = There was insufficient concentration to obtain particle size analysis results

ND = Non Detect

NA = Not Applicable

**Particle Size Results** 

Samula ID	Median Grain				Cumulative P	ercent Grea	ter Than (Dis	tribution per	cent, micron	5)					
Sample ID	Size, micron*	5%	10%	16%	25%	40%	50%	60%	75%	84%	90%	95%			
S-B06-12 12-16-08	NA				Below detec	tion limits:	Insufficient o	concentration	n for analysis	l.					

							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
pН	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:

\*= There was insufficient concentration to obtain particle size analysis results

ND = Non Detect

**Particle Size Results** 

	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			]	Below detection	on limits: In	sufficient co	ncentration f	or analysis.			

							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
pН	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

Notes:

\*= There was insufficient concentration to obtain particle size analysis results

ND = Non Detect

## **Particle Size Results**

	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- 2-6-09	NA			E	Below detection	on limits: In	sufficient co	ncentration f	for analysis.			

				J			D Ha		
Analyte	Analytical Procedure	Dilution	Units	Reporting Limit	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
pН	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

Notes:

\*= There was insufficient concentration to obtain particle size analysis results

ND = Non Detect

**Particle Size Results** 

	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			]	Below detection	on limits: In	sufficient co	ncentration f	or analysis.			

					Results		
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	
pН	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	

# **BMP Effectiveness Sites Analytical Results**

Notes:

ND = Non Detect