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# San Diego County Regional Airport Authority

## Fiscal Year 2014-2015 Industrial Stormwater Permit Annual Report

July 2015



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STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**2014-2015 ANNUAL REPORT**  
FOR STORM WATER DISCHARGES ASSOCIATED  
WITH INDUSTRIAL ACTIVITIES

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Reporting Period July 1, 2014 through June 30, 2015

**An Annual Report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year.** This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers, and e-mail addresses of the Regional Board contacts, as well as the Regional Board Offices addresses are indicated below.

**REGIONAL BOARD INFORMATION:**

San Diego Region

9174 Sky Park Court, Suite 100

San Diego, CA 92123

Contact: Tony Felix

Tel: (858) 636-3134

Email: Tfelix@waterboards.ca.gov

**GENERAL INFORMATION**

**A. Facility Information:**

San Diego Int Airpor

3225 N Harbor Dr

San Diego, CA 92101

**WDID NO: 9 371018035**

SIC Code(s):

**4581** Airports, Flying Fields, and Airport Terminal Services

**4512** Air Transportation, Scheduled

**4513** Air Courier Services

Contact: Richard Gilb

Email: rgilb@san.org

Tel: 6194002790

**B. Facility Operator Information:**

San Diego County Regional Airport Authority

PO Box 82776

San Diego, CA 92138

Contact: Richard Gilb

Email: rgilb@san.org

Tel: 619-400-2790

**C. Facility Billing Information:**

San Diego County Regional Airport Authority

PO Box 82776

San Diego, CA 92138

Contact: Richard Gilb

Email: rgilb@san.org

Tel: 619-400-2790

Additional Table D Parameters: BOD,COD,NH3

2014-2015  
**ANNUAL REPORT**

**SPECIFIC INFORMATION**

**MONITORING AND REPORTING PROGRAM**

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

**YES** Go to Item D.2

**NO** Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i.  Participating in an Approved Group Monitoring Plan **Group Name:** \_\_\_\_\_  
\_\_\_\_\_

ii.  Submitted **No Exposure Certification (NEC)** **Date Submitted:** \_\_\_\_\_  
**Re-evaluation Date:** \_\_\_\_\_

Does facility continue to satisfy NEC conditions?  **YES**  **NO**

iii.  Submitted **Sampling Reduction Certification (SRC)** **Date Submitted:** \_\_\_\_\_  
**Re-evaluation Date:** \_\_\_\_\_

Does facility continue to satisfy SRC conditions?  **YES**  **NO**

iv.  Received Regional Board Certification **Certification Date:** \_\_\_\_\_

v.  Received Local Agency Certification **Certification Date:** \_\_\_\_\_

3. If you checked boxes i or iii above, were you scheduled to sample **one** storm event during the reporting year?

**YES** Go to Section E

**NO** Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 2 If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

**YES**

**NO, attach explanation** (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 15

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations?  YES, go to Item E.6  NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit?  YES  NO, **attach explanation**
- If "YES", **attach documentation** supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated June 2015
6. Were all samples collected during the first hour of discharge?  YES  NO, **attach explanation**
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge?  YES  NO, **attach explanation**
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond)  YES  NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above)  YES  NO, **attach explanation**
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)?  YES  NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D?  YES  NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- \_\_\_\_\_ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- \_\_\_\_\_ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- \_\_\_\_\_ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using **Form 1** or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
  - Name and title of sampler.
  - Parameters tested.
  - Name of analytical testing laboratory.
  - Discharge location identification.
  - Testing results.
  - Test methods used.
  - Test detection limits.
  - Date of testing.
  - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES  NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers.** Indicate "N/A" for quarters without any authorized non-storm water discharges.

July -September  YES  NO  N/A      October-December  YES  NO  N/A  
January-March  YES  NO  N/A      April-June  YES  NO  N/A

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. **any** new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. **Attach an explanation for any "NO" answers.**

July -September  YES  NO      October-December  YES  NO  
January-March  YES  NO      April-June  YES  NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES  NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

YES  NO **Attach explanation**

d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. **any** corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

**G. MONTHLY WET SEASON VISUAL OBSERVATIONS**

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers.** Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input type="checkbox"/>	<input checked="" type="checkbox"/>	February	<input type="checkbox"/>	<input checked="" type="checkbox"/>
November	<input type="checkbox"/>	<input checked="" type="checkbox"/>	March	<input type="checkbox"/>	<input checked="" type="checkbox"/>
December	<input checked="" type="checkbox"/>	<input type="checkbox"/>	April	<input type="checkbox"/>	<input checked="" type="checkbox"/>
January	<input checked="" type="checkbox"/>	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Report monthly wet season visual observations using **Form 4** or provide the following information.
  - a. date, time, and location of observation
  - b. name and title of observer
  - c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
  - d. **any** new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

**ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)**

**H. ACSCE CHECKLIST**

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas?  YES  NO  
The following areas should be inspected:
  - areas where spills and leaks have occurred during the last year.
  - outdoor wash and rinse areas.
  - process/manufacturing areas.
  - loading, unloading, and transfer areas.
  - waste storage/disposal areas.
  - dust/particulate generating areas.
  - erosion areas.
  - building repair, remodeling, and construction
  - material storage areas
  - vehicle/equipment storage areas
  - truck parking and access areas
  - rooftop equipment areas
  - vehicle fueling/maintenance areas
  - non-storm water discharge generating areas
2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas?  YES  NO
3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified:  YES  NO
  - facility boundaries
  - outline of all storm water drainage areas
  - areas impacted by run-on
  - storm water discharges locations
  - storm water collection and conveyance system
  - structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation?  YES  NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit?  YES  NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented?  YES  NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected?  YES  NO

#### I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken.

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

#### J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit?  YES  NO

If you answered "NO" **attach an explanation** to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

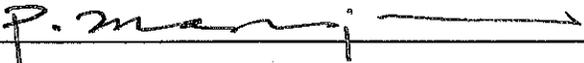
**ATTACHMENT SUMMARY**

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent?  YES (Mandatory)
- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports?  YES  NO  NA
- 3. If you checked box II, III, IV, or V in Item D.2 of this Annual Report, have you attached the first page of the appropriate certifications?  YES  NO  NA
- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J?  YES  NO  NA

**ANNUAL REPORT CERTIFICATION**

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and 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 person 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.

Printed Name: Paul Manasjan  
Signature:  Date: 6/25/2015  
Title: Director, Environmental Affairs

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# **Attachment 1**

Explanations and Discussion of Analytical Data

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ATTACHMENT #1  
REQUIRED EXPLANATIONS AND DISCUSSION OF ANALYTICAL DATA

**1) Explanations to General Information (pages 1-7 of the Annual Report)**

The following explanations are provided where necessary to comply with the General Annual Report format. The item numbers are presented in the order of the Annual Report.

**E.5**

In 2005, the Airport Authority initiated a project to analyze the hydrology of the airport and to evaluate the existing storm water sampling plan. The project resulted in the development of a new storm water sampling plan that replaced many of the previous sample sites and also added additional sampling locations. That sampling plan identified pollutants of concern and provided statistical power to future analysis of pollutant loads. The sampling plan was finalized in November 2005, and was implemented for the first time in the 2005-2006 wet season. The sampling plan divided the airport into fourteen drainage basins. Ten sites within those 14 basins were chosen to represent the areas of industrial activity at the airport. The sampling plan was reviewed and incorporated into the storm water management program in March 2008. During the 2013-2014 wet season a fifteenth drainage basin was added to the airport as a result of the Green Build; activities in this drainage basin are substantially similar to the activities in drainage basin 8. Also during the 2013-2014 season, sampling site C-B05-3 could no longer be sampled because the north side development constructions had removed the storm drain lines where C-B05-3 was previous located, which resulted in only 9 sampling locations remaining. Alternate sampling sites CB01-1b, CB06-5a, CB12-9a, and CB09-10b were used during this wet season due to continued construction activities at the airport or to be downstream of newly installed structural treatment control BMPs.

The monitoring locations are currently being evaluated for compliance with the 2014 General Permit. It is anticipated that more sites will be added during the 2015-2016 reporting year.

**E.6**

Program experience has led to the practical determination that sample collection can only be accomplished during storm events with a rainfall intensity of at least 0.10 inches per hour over at least a two-hour period. With nine sample sites identified for the monitoring program, practice has shown that more than one hour of time elapses between the initiation of sampling and the collection of the tenth sample. Such was the case again this year. Additionally, during smaller rainfall events, discharge can begin at one monitoring location without starting at all monitoring locations. This was the case during both storm events this year. During the first storm event, runoff began at the flow monitoring location at 02:32, but did not begin at the sampling locations until after 03:30. Samples were collected between 03:37 and 06:10, depending on when the sampling team observed flow beginning at each location. During the second storm event, a sample was successfully collected at one monitoring location at 11:04, before flow was recorded at the flow monitoring location at 16:02. The remainder of the samples were collected between 16:02 and 18:20, depending on when the sampling team observed flow beginning at each location. Therefore, not all samples were collected during the first hour of discharge.

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**G.1**

During the months of October 2014, November 2014, February 2015, March 2015, and April 2015, there were no rain events occurring during daylight hours of sufficient intensity or duration to allow for visual observations. The history of storm events during daylight hours for this reporting period is provided on Form 4.

**2) Summary Discussion of Analytical Results**

The following information provides a brief discussion of the analytical data included with this Annual Report (see Form 1 and attached Analytical Lab Reports). A total of 18 samples were collected at the nine sampling sites during this reporting period. Results for the analytes were compared to the USEPA Multi-Sector General Permit benchmarks or benchmarks from other sources when the USEPA Multi-Sector General Permit does not have a benchmark.

A total of 872 analyses were performed on the 18 samples collected during the 2014-2015 reporting period. Of these 872 analyses, a total of 112 had exceeded the benchmarks, a decrease from the 133 exceedances in FY13-14 and 135 exceedances in FY12-13, but an increase from previous years (i.e., 102 exceedances in FY11-12 and 50 exceedances in FY10-11). It should be noted that more analytes were added during FY13-14 compared to previous years, therefore this year's exceedance frequency is most comparable to the FY13-14 frequency. These analytes were added to provide additional information related to 303(d) listings and investigative orders pertinent to the airport, and were not mandated per the current Industrial General Permit. The pollutants median concentrations and benchmark exceedances are listed in the table below. The pollutants that exceeded the benchmarks 50% or more of the time were total and dissolved copper, total and dissolved zinc, COD, BOD, total coliforms, fecal coliforms, and *Enterococcus*. However, the exceedance frequency of BOD and COD was less than in FY13-14. Historically total and dissolved copper and total and dissolved zinc have exceeded benchmark levels in previous monitoring reports and are associated with day to day operations at an airport.

**Table 1: Comparisons to Analyte Benchmarks, 2014-2015 Storm Water Season**

Pollutant of Concern	Median Concentration	Benchmarks	No. of Analyses	No. of Exceedances	Exceedance Frequency (%)
<b>General Chemistry</b>					
Ammonia (mg/L)	2	2.14 <sup>(a)</sup>	18	7	39
BOD (mg/L)	29.7	30 <sup>(a)</sup>	18	9	50
COD (mg/L)	140.5	120 <sup>(a)</sup>	18	10	56
MBAS (mg/L)	0.2	0.5 <sup>(b)</sup>	18	0	0
Oil & Grease (mg/L)	1.9	15 <sup>(a)</sup>	18	0	0
pH (pH Units)	6.18	6.0 - 9.0 <sup>(a)</sup>	18	5	28

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Pollutant of Concern	Median Concentration	Benchmarks	No. of Analyses	No. of Exceedances	Exceedance Frequency (%)
SC (µmhos/cm)	277.5	900 <sup>(b)</sup>	18	1	6
TSS (mg/L)	41	100 <sup>(a)</sup>	18	3	17
<b>Metals (µg/L)</b>					
Ag, dissolved	ND	3.2 <sup>(a)</sup>	8	0	0
Ag, total	ND	3.8 <sup>(a)</sup>	8	0	0
Al	320	750 <sup>(a)</sup>	18	1	6
As, dissolved	ND	150 <sup>(a)</sup>	8	0	0
As, total	ND	150 <sup>(a)</sup>	8	0	0
Cd, dissolved	ND	2 <sup>(a)</sup>	8	0	0
Cd, total	ND	2.1 <sup>(a)</sup>	8	0	0
Cr III, dissolved	ND	1,700 <sup>(c)</sup>	8	0	0
Cr III, total	ND	550 <sup>(c)</sup>	8	0	0
Cr VI, dissolved	ND	16 <sup>(c)</sup>	8	0	0
Cr VI, total	ND	16.3 <sup>(c)</sup>	8	0	0
Cr, dissolved	ND	50 <sup>(b)</sup>	8	0	0
Cr, total	ND	50 <sup>(b)</sup>	8	0	0
Cu, dissolved	190	14 <sup>(a)</sup>	18	17	94
Cu, total	225	14 <sup>(a)</sup>	18	17	94
Fe	455	1,000 <sup>(a)</sup>	18	5	28
Hg, dissolved	ND	1.2 <sup>(a)</sup>	8	0	0
Hg, total	ND	1.4 <sup>(a)</sup>	8	0	0
Ni, dissolved	16	469 <sup>(a)</sup>	8	0	0
Ni, total	18	470 <sup>(a)</sup>	8	0	0
Pb, dissolved	1.9	64.9 <sup>(a)</sup>	8	0	0
Pb, total	3.25	82 <sup>(a)</sup>	18	1	6
Zn, dissolved	320	120 <sup>(a)</sup>	18	13	72
Zn, total	365	120 <sup>(a)</sup>	18	13	72
<b>PAHs (µg/L)</b>					
Acenaphthene	ND	970 <sup>(d)</sup>	8	0	0
Acenaphthylene	ND	300 <sup>(d)</sup>	8	0	0
Anthracene	ND	300 <sup>(d)</sup>	8	0	0
Benzo (a) anthracene	ND	300 <sup>(d)</sup>	8	0	0
Benzo (a) pyrene	ND	300 <sup>(d)</sup>	8	0	0
Benzo (b) fluoranthene	ND	300 <sup>(d)</sup>	8	0	0
Benzo (g,h,i) perylene	ND	300 <sup>(d)</sup>	8	0	0
Benzo (k) fluoranthene	ND	300 <sup>(d)</sup>	8	0	0

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Pollutant of Concern	Median Concentration	Benchmarks	No. of Analyses	No. of Exceedances	Exceedance Frequency (%)
Chrysene	ND	300 <sup>(d)</sup>	8	0	0
Dibenzo(a,h)anthracene	ND	300 <sup>(d)</sup>	8	0	0
Fluoranthene	ND	42 <sup>(a)</sup>	8	0	0
Fluorene	ND	300 <sup>(d)</sup>	8	0	0
Indeno (1,2,3-cd) pyrene	ND	300 <sup>(d)</sup>	8	0	0
Naphthalene	ND	2,350 <sup>(d)</sup>	8	0	0
Phenanthrene	ND	300 <sup>(d)</sup>	8	0	0
Pyrene	ND	300 <sup>(d)</sup>	8	0	0
<b>PCBs (µg/L)</b>					
PCB-1016	ND	0.4 <sup>(e)</sup>	18	0	0
PCB-1221	ND	0.4 <sup>(e)</sup>	18	0	0
PCB-1232	ND	0.4 <sup>(e)</sup>	18	0	0
PCB-1242	ND	0.4 <sup>(e)</sup>	18	0	0
PCB-1248	ND	0.4 <sup>(e)</sup>	18	0	0
PCB-1254	ND	0.4 <sup>(e)</sup>	18	0	0
PCB-1260	ND	0.4 <sup>(e)</sup>	18	0	0
<b>Organochlorine Pesticides (µg/L)</b>					
4,4'-DDD	ND	3.6 <sup>(d)</sup>	8	0	0
4,4'-DDE	ND	14 <sup>(d)</sup>	8	0	0
4,4'-DDT	ND	0.13 <sup>(d)</sup>	8	0	0
Aldrin	ND	1.3 <sup>(d)</sup>	8	0	0
Chlordane	ND	0.09 <sup>(d)</sup>	8	0	0
Dieldrin	ND	0.71 <sup>(d)</sup>	8	0	0
Endosulfan I	ND	0.034 <sup>(d)</sup>	8	0	0
Endosulfan II	ND	0.034 <sup>(d)</sup>	8	0	0
Endosulfan sulfate	ND	0.027 <sup>(f)</sup>	8	0	0
Endrin	ND	0.037 <sup>(a)</sup>	8	0	0
Endrin aldehyde	ND	0.0018 <sup>(c)</sup>	8	0	0
HCH-alpha	ND	0.012 <sup>(f)</sup>	8	0	0
HCH-beta	ND	0.012 <sup>(f)</sup>	8	0	0
HCH-delta	ND	0.012 <sup>(f)</sup>	8	0	0
HCH-gamma (Lindane)	ND	0.16 <sup>(d)</sup>	8	0	0
Heptachlor	ND	0.053 <sup>(d)</sup>	8	0	0
Heptachlor epoxide	ND	0.053 <sup>(d)</sup>	8	0	0
Toxaphene	ND	0.21 <sup>(d)</sup>	8	0	0
<b>TPH (mg/L)</b>					

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Pollutant of Concern	Median Concentration	Benchmarks	No. of Analyses	No. of Exceedances	Exceedance Frequency (%)
Diesel Range Organics (C10-C24)	ND	0.056-0.14 <sup>(f)</sup>	18	0	0
Jet-A	ND	0.5 <sup>(f)</sup>	18	0	0
Oil Range Organics (C22-C36)	ND	0.5 <sup>(f)</sup>	18	2	11
<b>Glycols (mg/L)</b>					
Ethylene glycol	ND	140 <sup>(f)</sup>	2	0	0
<b>Microbiology (CFU/100 mL)</b>					
Total Coliforms	1400	1,000 <sup>(f)</sup>	4	3	75
Fecal Coliforms	675	200 <sup>(f)</sup>	4	3	75
Enterococcus	590	276 <sup>(g)</sup>	4	2	50

**Notes:**

- (a) USEPA National Pollutant Discharge Elimination System (NPDES) Storm Water Multi-Sector General Permit for Industrial Activities, 73 Federal Register (FR) 56572, Final, September 29, 2008. Values are from water quality criteria for Freshwater Aquatic life Protection and Human Health Protection (consumption of water and organisms), federal and state storm water discharge limits, and minimum levels calculated from laboratory method detection limits. For the seven metals Ag, Cd, Cr III, Cu, Ni, Pb, and Zn, values were calculated based on the assumptions of temperature 20° C, pH 7.8, and hardness as CaCO3 100 mg/L.
- (b) Drinking Water Standards, Maximum Contaminant Levels - California (California Department of Health Services), California Code of Regulations (CCR), Title 22, Division 4, Chapter 15, Domestic Water Quality and Monitoring.
- (c) Numeric Criteria for Priority Toxic Pollutants for the State of California; California Toxics Rule (40CFR131.38), USEPA, 65 Federal Register (FR) 31682-31719, May 18, 2000. The Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California (Phase 1 of the Inland Surface Waters Plan and the Enclosed Bays and Estuaries Plan) was adopted by the State Water Resources Control Board on March 2, 2000, and became effective on May 18, 2000. Values are 30-day Average Concentration for Human Health Protection (consumption of aquatic organisms for both Saltwater and Freshwater), unless indicated (IM) for (Instantaneous Maximum or (1H) for 1-Hour Average Maximum Concentration for Saltwater and Freshwater Aquatic Life Protection).
- (d) USEPA National Recommended Ambient Water Quality Criteria – Saltwater and Freshwater Aquatic Life Protection, Recommended Ambient Water Quality Criteria, various dates. Values are Lowest Observed Effect Level (LOEL) concentrations for Acute Toxicity, unless indicated (IM) for Instantaneous Maximum Concentration or (1H) for 1-Hour Average Maximum Concentration.
- (e) Lab detection limits.
- (f) Water Quality Control Plan for Ocean Waters of California (2012 California Ocean Plan), California State Water Resources Control Board, August 19, 2013. Values are 30-day Average Concentration for Human Health Protection (consumption of aquatic organisms), unless indicated (IM) for Instantaneous Maximum Concentration for Marine Aquatic Life Protection.).
- (g) Water Quality Control Plan for the San Diego Basin (9) (September 8, 1994, with amendments effective on or before April 4, 2011).

All nine sampling sites had exceedances during each of the storm events with the exception of site C-B01-1b during the first storm event. Most of the sample sites are in the vicinity of the runway, taxiways, and ground service vehicle operations. The Airport Authority will continue to use collected data to evaluate the adequacy and effectiveness of the BMPs implemented near these sample sites, and to identify any needed improvements.

2014 – 2015  
ANNUAL REPORT  
SAN DIEGO INTERNATIONAL AIRPORT (SDIA)  
ATTACHMENT #1  
REQUIRED EXPLANATIONS AND DISCUSSION OF ANALYTICAL DATA

The 112 exceedances was comparable to the exceedances reported in previous years, and the pollutants that exceeded benchmarks for stormwater samples collected during this reporting period are consistent with historic sampling data at the airport. Total and dissolved zinc and total and dissolved copper were listed as primary POCs due to relatively high exceedance frequencies in past monitoring seasons, and continued to show relatively high exceedance frequencies during the 2014-2015 season, as in previous runoff monitoring. Past analysis has suggested that tire and brake pad wear from landing aircraft and/or vehicles, as well as building roofs, may be a likely source of heavy metals. A comparison of the benchmark exceedances between 2006-2015 and 2014-2015 indicates there may have been some improvements in water quality for aluminum, iron, and oil based organics. However, the 2014-2015 mean concentrations of total and dissolved copper, total and dissolved zinc, BOD and COD are greater than the 2006-2015 mean concentrations, indicating a potential decline in the water quality due to metals, BOD, and COD. Continued monitoring will be examined to see whether this becomes a trend.

With the new MS4 permit (NPDES No. CAS0109266, Order No. R9-2013-0001) having taken effect on June 27, 2013 and the new Industrial General Permit (NPDES No. CAS000001, Order 2014-0057-DWQ) effective July 1, 2015, the Authority's Storm Water Management Plan has been updated to guide future monitoring and sampling activities. This update included an update to the General Permit required Storm Water Pollution Prevention Plan (SWPPP), Monitoring Implementation Plan (MIP), and Site Maps. These documents have been uploaded to the Storm Water Multiple Application and Report Tracking System (SMARTS).

Along with evaluating our sampling plan and BMPs, the Airport Authority also conducts site audits every 2 years of all its tenants and their respective activities. Audits were conducted 2005, 2007, 2009, 2011 and late 2012/early 2013, and 2014. The site audit results serve as a means to aid in the identification of potential pollutant sources and help to evaluate the effectiveness of the BMPs currently implemented by the tenants. These efforts are intended to outline new, additional, or modified BMPs that can be implemented to control or eliminate contaminants and to provide storm water BMP education for tenants who perform activities with the potential to impact stormwater runoff. Overall, the results of the 2007, 2009, 2011, 2012/13, and 2014 audits indicate a continued improvement in BMP implementation at San Diego International Airport. The site audits identify deficiencies in BMP implementation and provide a list of recommended changes for the Authority's Stormwater Management Program. The recent SWPPP update included new BMPs based on the results of the site audit, including an Electric Vehicle Maintenance BMP, an Erosion BMP, and a Building Maintenance BMP.

As more storm water data is collected in the future, the increased statistical power of the dataset will be used to determine long-term adequacy and effectiveness of both the runoff monitoring program and the BMPs being implemented.

## **Attachment 2**

Storm Drain System and Sampling Locations Map

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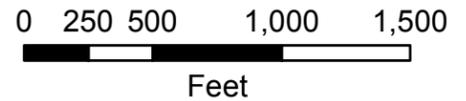


Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

**Legend**

- Sample Location
- Storm Drain Line
- Terminal
- Airport Boundary

**Storm Drain System and Sampling Locations  
San Diego International Airport**



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# **Attachment 3**

Forms

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**FORM 1 - SAMPLING & ANALYSIS RESULTS**

**FIRST STORM EVENT**

· If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)

· When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.

· Make additional copies of this form as necessary.

· If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

NAME OF PERSON COLLECTING SAMPLES: Alex Chin, Erik Berliner

TITLE: AMEC, Consultant

SIGNATURE: 

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS for First Storm Event									
			Basic Parameters				Other Parameters					
			pH	TSS	SC	O&G	MBAS	DIESEL RANGE ORGANICS (C10-C24)	JET-A	OIL RANGE ORGANICS (C22-C36)	TOTAL IRON Fe <sub>t</sub>	TOTAL ZINC Zn <sub>t</sub>
C-B01-1b	11/1/2014 3:49	11/1/2014 2:32	6.64	2.0	141	<2.00	0.120	<0.050	<0.050	<0.050	0.12	21
C-B03-2	11/1/2014 5:43	11/1/2014 2:32	5.40	24.0	759	6.20	0.230	<0.050	<0.050	<0.050	1.3	750
C-B05-4	11/1/2014 5:29	11/1/2014 2:32	5.37	68.0	590	5.60	0.280	<0.050	0.20	0.26	0.60	1800
C-B06-5a	11/1/2014 4:10	11/1/2014 2:32	6.10	51.0	229	4.30	0.200	<0.050	<0.050	<0.050	0.39	950
C-B07-6	11/1/2014 4:33	11/1/2014 2:32	5.84	35.0	238	2.80	0.160	<0.050	0.26	0.33	1.4	1500
C-B07-7	11/1/2014 6:10	11/1/2014 2:32	5.06	102	306	4.80	0.340	<0.050	0.25	0.22	1.2	3200
C-B08-8	11/1/2014 3:56	11/1/2014 2:32	6.09	3.00	249	<2.00	0.110	<0.050	<0.050	<0.050	0.040	170
C-B09-10b	11/1/2014 3:37	11/1/2014 2:32	5.79	60.0	453	3.70	0.200	<0.050	0.18	0.23	1.1	1900
C-B12-9a	11/1/2014 3:51	11/1/2014 2:32	6.30	5.00	410	<2.00	0.100	<0.050	<0.050	<0.050	0.19	160
<b>TEST REPORTING UNITS:</b>			pH units	mg/L	µmhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L
<b>TEST METHOD DETECTION LIMIT:</b>			0.100	1.00	0.100	2.00	0.0500	0.050	0.050	0.050	0.025	1.0
<b>TEST METHOD USED:</b>			EPA 150.1	EPA 160.2	EPA 120.1	EPA 1664	EPA 425.1	EPA 8015B	EPA 8015B	EPA 8015B	EPA 200.8	EPA 200.8
<b>ANALYZED BY (SELF/LAB):</b>			LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil and Grease

MBAS - Methylene Blue Active Substances

**FORM 1 - SAMPLING & ANALYSIS RESULTS**  
**FIRST STORM EVENT**

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLES: Alex Chin, Erik Berliner

TITLE: AMEC, Consultant

SIGNATURE: 

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS for First Storm Event								
			Other Parameters (Cont.)								
			DISSOLVED ZINC Zn <sub>d</sub>	TOTAL LEAD Pb <sub>t</sub>	TOTAL ALUMINUM Al <sub>t</sub>	TOTAL COPPER Cu <sub>t</sub>	DISSOLVED COPPER Cu <sub>d</sub>	BOD	COD	AMMONIA as N	ETHYLENE GLYCOL
C-B01-1b	11/1/2014 3:49	11/1/2014 2:32	20	<1.0	110	14	13	17.0	89.0	0.400	
C-B03-2	11/1/2014 5:43	11/1/2014 2:32	450	94	660	440	280	190	818	10.0	
C-B05-4	11/1/2014 5:29	11/1/2014 2:32	1300	3.9	540	910	610	96.0	440	4.65	
C-B06-5a	11/1/2014 4:10	11/1/2014 2:32	660	1.3	310	110	100	18.0	209	2.10	
C-B07-6	11/1/2014 4:33	11/1/2014 2:32	1000	6.1	290	540	310	58.0	360	4.85	
C-B07-7	11/1/2014 6:10	11/1/2014 2:32	2000	4.9	670	570	350	67.0	439	6.25	
C-B08-8	11/1/2014 3:56	11/1/2014 2:32	170	<1.0	<25	91	63	27.4	149	1.90	<5.0
C-B09-10b	11/1/2014 3:37	11/1/2014 2:32	1200	2.8	490	150	88	115	504	6.70	
C-B12-9a	11/1/2014 3:51	11/1/2014 2:32	150	<1.0	71	83	38	22.0	132	1.40	
<b>TEST REPORTING UNITS:</b>			µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L
<b>TEST METHOD DETECTION LIMIT:</b>			1.0	1.0	25	1.0	1.0	2.00	0.100	0.100	5.0
<b>TEST METHOD USED:</b>			EPA 200.8	EPA 200.8	EPA 200.8	EPA 200.8	EPA 200.8	EPA 405.1	EPA 410.4	SM 4500-NH3	EPA 8015B
<b>ANALYZED BY (SELF/LAB):</b>			LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB

BOD - Biological Oxygen Demand

COD - Chemical Oxygen Demand





**FORM 1 - SAMPLING & ANALYSIS RESULTS**  
**SECOND STORM EVENT**

· If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)

· When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.

· Make additional copies of this form as necessary.

· If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

NAME OF PERSON COLLECTING SAMPLES: Terra Miller-Cassman

TITLE: AMEC, Consultant

SIGNATURE:

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS for Second Storm Event									
			Basic Parameters				Other Parameters					
			pH	TSS	SC	O&G	MBAS	DIESEL RANGE ORGANICS (C10-C24)	JET-A	OIL RANGE ORGANICS (C22-C36)	TOTAL IRON Fe <sub>t</sub>	TOTAL ZINC Zn <sub>t</sub>
C-B01-1b	12/2/2014 18:01	12/2/2014 16:02	6.71	54.0	150	<2.00	0.260	<0.050	<0.050	<0.050	0.50	67
C-B03-2	12/2/2014 18:10	12/2/2014 16:02	6.22	15.0	358	4.20	0.380	<0.050	0.11	0.063	0.36	86
C-B05-4	12/2/2014 18:20	12/2/2014 16:02	6.14	114	184	<2.00	0.240	<0.050	<0.050	<0.050	0.78	420
C-B06-5a	12/2/2014 16:20	12/2/2014 16:02	6.30	24.0	188	<2.00	<0.0500	<0.050	<0.050	<0.050	0.22	310
C-B07-6	12/2/2014 16:45	12/2/2014 16:02	6.11	103	310	5.00	0.360	<0.050	0.36	0.61	1.8	1200
C-B07-7	12/2/2014 18:43	12/2/2014 16:02	6.64	97.0	450	3.80	0.320	<0.050	0.38	0.64	0.56	1100
C-B08-8	12/2/2014 17:18	12/2/2014 16:02	6.78	<1.00	83.0	<2.00	<0.0500	<0.050	<0.050	<0.05	0.063	53
C-B09-10b	12/2/2014 18:00	12/2/2014 16:02	7.14	47.0	172	<2.00	0.150	<0.050	<0.050	0.090	0.41	240
C-B12-9a	12/2/2014 11:04	12/2/2014 16:02	6.82	12.0	1050	<2.00	0.140	<0.050	<0.050	<0.05	0.16	84
<b>TEST REPORTING UNITS:</b>			pH units	mg/L	µmhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L
<b>TEST METHOD DETECTION LIMIT:</b>			0.100	1.00	0.100	2.00	0.0500	0.050	0.050	0.050	0.025	1.0
<b>TEST METHOD USED:</b>			EPA 150.1	EPA 160.2	EPA 120.1	EPA 1664	EPA 425.1	EPA 8015B	EPA 8015B	EPA 8015B	EPA 200.8	EPA 200.8
<b>ANALYZED BY (SELF/LAB):</b>			LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil and Grease

MBAS - Methylene Blue Active Substances

**FORM 1 - SAMPLING & ANALYSIS RESULTS**

**FIRST STORM EVENT**

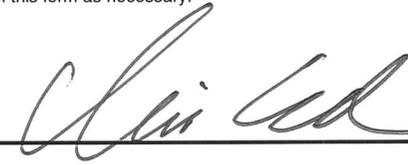
- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLES: Alex Chin, Erik Berliner

TITLE: AMEC, Consultant

SIGNATURE:



DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS for First Storm Event				
			Other Parameters (Cont.)				
			ENTEROCOCCUS	POLYCHLORINATED BIPHENYLS (PCBs) (PCB-1016, -1221, -1232, -1242, -1248, -1254, and -1260) (PAHs)	POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)	ORGANOCHLORINE PESTICIDES	TOTAL HARDNESS
C-B01-1b	11/1/2014 3:49	11/1/2014 2:32		<0.50	<0.05-1.0	<0.010-1.0	48.2
C-B03-2	11/1/2014 5:43	11/1/2014 2:32		<0.50	<0.05-1.0	<0.010-1.0	162
C-B05-4	11/1/2014 5:29	11/1/2014 2:32		<0.50	<0.05-1.0	<0.010-1.0	166
C-B06-5a	11/1/2014 4:10	11/1/2014 2:32		<0.50	<0.05-1.0	<0.010-1.0	72.0
C-B07-6	11/1/2014 4:33	11/1/2014 2:32		<0.50			66.0
C-B07-7	11/1/2014 6:10	11/1/2014 2:32		<0.50			95.0
C-B08-8	11/1/2014 3:56	11/1/2014 2:32	2.0	<0.50			95.0
C-B09-10b	11/1/2014 3:37	11/1/2014 2:32	1100	<0.50			116
C-B12-9a	11/1/2014 3:51	11/1/2014 2:32		<0.50			103
TEST REPORTING UNITS:			CFU/100ml	µg/L	µg/L	µg/L	mg/L
TEST METHOD DETECTION LIMIT:			1.0-100	0.50	0.0500-1.00	0.010-1.0	0.400
TEST METHOD USED:			SM 9230C	EPA 608	EPA 8310	EPA 608	SM 2340 C
ANALYZED BY (SELF/LAB):			LAB	LAB	LAB	LAB	LAB

PAHs (Acenaphthene, Acenaphthylene; Anthracene; Benzo (a) anthracene; Benzo (a) pyrene; Benzo (b) fluoranthene; Benzo (g,h,i) perylene; Benzo (k) fluoranthene; Chrysene; Dibenzo(a,h)anthracene; Fluoranthene; Fluorene; Indeno (1,2,3-cd) pyrene; Naphthalene; Phenanthrene; and Pyrene.)

Organochlorine Pesticides (4,4'-DDD; 4,4'-DDE; 4,4'-DDT; Aldrin; Chlordane; Dieldrin; Endosulfan I; Endosulfan II; Endosulfan sulfate; Endrin; Endrin aldehyde; HCH-alpha; HCH-beta; HCH-delta; HCH-gamma (Lindane); Heptachlor; Heptachlor epoxide; and Toxaphene)

**FORM 1 - SAMPLING & ANALYSIS RESULTS**  
**SECOND STORM EVENT**

· If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)

· If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

· When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.

· Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLES: Terra Miller-Cassman

TITLE: AMEC, Consultant

SIGNATURE: 

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS for Second Storm Event								
			Other Parameters (Cont.)								
			DISSOLVED ZINC Zn <sub>d</sub>	TOTAL LEAD Pb <sub>t</sub>	TOTAL ALUMINUM Al <sub>t</sub>	TOTAL COPPER Cu <sub>t</sub>	DISSOLVED COPPER Cu <sub>d</sub>	BOD	COD	AMMONIA as N	ETHYLENE GLYCOL
C-B01-1b	12/2/2014 18:01	12/2/2014 16:02	62	3.7	430	64	61	32.0	118	0.500	
C-B03-2	12/2/2014 18:10	12/2/2014 16:02	73	13	180	490	430	86.0	378	3.20	
C-B05-4	12/2/2014 18:20	12/2/2014 16:02	370	4.4	620	300	290	26.0	110	2.10	
C-B06-5a	12/2/2014 16:20	12/2/2014 16:02	270	1.3	190	28	27	22.0	68.0	0.250	
C-B07-6	12/2/2014 16:45	12/2/2014 16:02	870	8.0	930	380	350	128	405	1.88	
C-B07-7	12/2/2014 18:43	12/2/2014 16:02	720	5.8	490	610	460	115	3.50	3.50	
C-B08-8	12/2/2014 17:18	12/2/2014 16:02	52	<1.0	56	24	24	<2.00	<0.100	<0.10	<5.0
C-B09-10b	12/2/2014 18:00	12/2/2014 16:02	200	2.7	330	55	50	4.10	0.200	0.200	
C-B12-9a	12/2/2014 11:04	12/2/2014 16:02	73	<1.0	55	380	340	17.0	0.250	0.250	
<b>TEST REPORTING UNITS:</b>			µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L
<b>TEST METHOD DETECTION LIMIT:</b>			1.0	1.0	25	1.0	1.0	2.00	0.100	0.100	5.0
<b>TEST METHOD USED:</b>			EPA 200.8	EPA 200.8	EPA 200.8	EPA 200.8	EPA 200.8	EPA 405.1	EPA 410.4	SM 4500-NH3	EPA 8015B
<b>ANALYZED BY (SELF/LAB):</b>			LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB

BOD - Biological Oxygen Demand

COD - Chemical Oxygen Demand



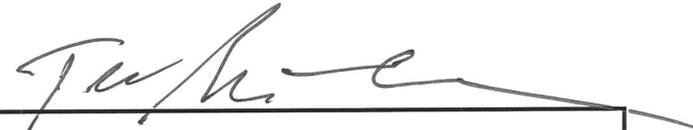


**FORM 1 - SAMPLING & ANALYSIS RESULTS**  
**SECOND STORM EVENT**

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLES: Terra Miller-Cassman

TITLE: AMEC, Consultant

SIGNATURE: 

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS for Second Storm Event				
			Other Parameters (Cont.)				
			POLYCHLORINATED BIPHENYLS (PCBs) <i>ENTEROCOCCUS</i> (PCB-1016, -1221, -1232, -1242, -1248, -1254, and -1260)	POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)	ORGANOCHLORINE PESTICIDES	TOTAL HARDNESS	
C-B01-1b	12/2/2014 18:01	12/2/2014 16:02	<0.50	<0.0500-1.00	<0.010-1.0	45.5	
C-B03-2	12/2/2014 18:10	12/2/2014 16:02	<0.50	<0.0500-1.00	<0.010-1.0	58.0	
C-B05-4	12/2/2014 18:20	12/2/2014 16:02	<0.50	<0.0500-1.00	<0.010-1.0	48.0	
C-B06-5a	12/2/2014 16:20	12/2/2014 16:02	<0.50	<0.0500-1.00	<0.010-1.0	22.8	
C-B07-6	12/2/2014 16:45	12/2/2014 16:02	<0.50	<0.0500-1.00		95.0	
C-B07-7	12/2/2014 18:43	12/2/2014 16:02	<0.50			142	
C-B08-8	12/2/2014 17:18	12/2/2014 16:02	80	<0.50		11.0	
C-B09-10b	12/2/2014 18:00	12/2/2014 16:02	4400	<0.50		34.4	
C-B12-9a	12/2/2014 11:04	12/2/2014 16:02		<0.50		210	
TEST REPORTING UNITS:			CFU/100ml	µg/L	µg/L	µg/L	mg/L
TEST METHOD DETECTION LIMIT:			10-100	0.50	0.0500-1.00	0.010-1.0	0.400
TEST METHOD USED:			SM 9230C	EPA 608	EPA 8310	EPA 608	SM 2340 C
ANALYZED BY (SELF/LAB):			LAB	LAB	LAB	LAB	LAB

PAHs (Acenaphthene, Acenaphthylene; Anthracene; Benzo (a) anthracene; Benzo (a) pyrene; Benzo (b) fluoranthene; Benzo (g,h,i) perylene; Benzo (k) fluoranthene; Chrysene; Dibenzo(a,h)anthracene; Fluoranthene; Fluorene; Indeno (1,2,3-cd) pyrene; Naphthalene; Phenanthrene; and Pyrene.)

Organochlorine Pesticides (4,4'-DDD; 4,4'-DDE; 4,4'-DDT; Aldrin; Chlordane; Dieldrin; Endosulfan I; Endosulfan II; Endosulfan sulfate; Endrin; Endrin aldehyde; HCH-alpha; HCH-beta; HCH-delta; HCH-gamma (Lindane); Heptachlor; Heptachlor epoxide; and Toxaphene)

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SIDE A

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)

- Quarterly dry weather visual observations are required of each authorized NSWD.
- Observe each authorized NSWD source, impacted drainage area, and discharge location.
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6), of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: <b>JULY-SEPT.</b></p> <p>DATE: <u>8/26/2014-10/10/2014</u></p>	<p>Observers Name: <u>Terra Miller-Cassman/Kiernan Brtalik</u></p> <p>Title: <u>Amec Foster Wheeler, Consultant</u></p> <p>Signature: </p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: <b>OCT.-DEC.</b></p> <p>DATE: <u>12/15/2014-12/19/2014</u></p>	<p>Observers Name: <u>Terra Miller-Cassman/Claire Johnson</u></p> <p>Title: <u>Amec Foster Wheeler, Consultant</u></p> <p>Signature: </p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: <b>JAN.-MARCH</b></p> <p>DATE: <u>3/9/2015-3/10/2015</u></p>	<p>Observers Name: <u>Claire Johnson</u></p> <p>Title: <u>Amec Foster Wheeler, Consultant</u></p> <p>Signature: </p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: <b>APRIL-JUNE</b></p> <p>DATE: <u>5/18/2015-5/19/2015</u></p>	<p>Observers Name: <u>Terra Miller-Cassman</u></p> <p>Title: <u>Amec Foster Wheeler, Consultant</u></p> <p>Signature: </p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>

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SIDE B

**FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

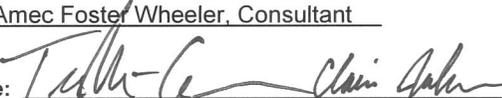
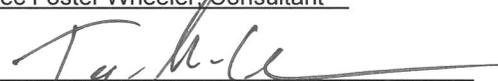
DATE /TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD  <u>EXAMPLE:</u> Air conditioner Units on Building C	NAME OF AUTHORIZED NSWD  <u>EXAMPLE:</u> Air conditioner condensate	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS Indicate whether authorized NSWD is clear, cloudy, or discolored, causing staining, contains floating objects or an oil sheen, has odors, etc.		DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
			At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
<u>12/15/2014</u>  12:00 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Gate 32 passenger bridge	Air conditioning condensate	Clear, odorless	Clear, odorless	none
<u>12/15/2014</u>  12:00 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Gate 26 backflow preventer	Potable water	Clear, odorless	Clear, odorless	none
<u>3/9/2015</u>  10:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Gate 48, 45, and 35 passenger bridges	Air conditioning condensate	Clear, odorless	Clear, odorless	none
<u>3/9/2015</u>  10:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	SANPark 2, USO parking lot	Irrigation runoff	Clear, odorless	Clear, odorless	none
_____  _____ <input type="checkbox"/> AM <input type="checkbox"/> PM					

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SIDE A

**FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that cannot be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: <b>JULY-SEPT.</b></p> <p><b>DATE OF OBSERVATIONS</b></p> <p><u>8/26/2014-10/10/2014*</u> *New tenant inspected 10/10/2014. All existing tenants inspected prior to 10/1/2014.</p>	<p>Observers Name: <u>Terra Miller-Cassman/Kiernan Brtalik</u></p> <p>Title: <u>Amec Foster Wheeler, Consultant</u></p> <p>Signature: <u></u></p>	<p><b>WERE UNAUTHORIZED NSWDs OBSERVED?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><b>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If <b>YES</b> to either question, complete reverse side.</p>
<p>QUARTER: <b>OCT.-DEC.</b></p> <p><b>DATE OF OBSERVATIONS</b></p> <p><u>12/15/2014-12/19/2014</u></p>	<p>Observers Name: <u>Terra Miller-Cassman/Claire Johnson</u></p> <p>Title: <u>Amec Foster Wheeler, Consultant</u></p> <p>Signature: <u></u></p>	<p><b>WERE UNAUTHORIZED NSWDs OBSERVED?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><b>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If <b>YES</b> to either question, complete reverse side.</p>
<p>QUARTER: <b>JAN.-MARCH</b></p> <p><b>DATE OF OBSERVATIONS</b></p> <p><u>3/09/2015-3/10/2015</u></p>	<p>Observers Name: <u>Claire Johnson</u></p> <p>Title: <u>Amec Foster Wheeler, Consultant</u></p> <p>Signature: <u></u></p>	<p><b>WERE UNAUTHORIZED NSWDs OBSERVED?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><b>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If <b>YES</b> to either question, complete reverse side.</p>
<p>QUARTER: <b>APRIL-JUNE</b></p> <p><b>DATE OF OBSERVATIONS</b></p> <p><u>5/18/2015- 5/19/2015</u></p>	<p>Observers Name: <u>Terra Miller-Cassman</u></p> <p>Title: <u>Amec Foster Wheeler, Consultant</u></p> <p>Signature: <u></u></p>	<p><b>WERE UNAUTHORIZED NSWDs OBSERVED?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><b>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If <b>YES</b> to either question, complete reverse side.</p>

SIDE A

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>8/29/2014</u>  <u>12:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	Spirit Airlines-Ramp	Trash observed during outdoor inspection.	Confirmation of issue(s) resolved received on 10/17/2014  Email was sent to Spirit Airlines. Trash has been cleaned up and a daily inspection will be made to maintain clean the area.
<u>9/3/2014</u>  <u>12:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	American Airlines-Ramp	Wood materials treated with weather resistant chemicals stored outdoors without cover	Confirmation of issue(s) resolved received on 10/06/2014  Email was sent to American Airlines. Treated wood has been removed from area.
<u>9/3/2014</u>  <u>12:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Sediment)	American Airlines-Ramp	Debris found around outdoors operations.	Confirmation of issue(s) resolved received on 10/06/2014  Email was sent to American Airlines. Sweeping has been completed.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

<b>OBSERVATION DATE</b> (FROM REVERSE SIDE)	<b>NAME OF UNAUTHORIZED NSWD</b>  EXAMPLE: Vehicle Wash Water	<b>SOURCE AND LOCATION OF UNAUTHORIZED NSWD</b>  EXAMPLE: NW Corner of Parking Lot	<b>DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS</b> Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	<b>DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.</b>
<u>9/3/2014</u>  <input type="checkbox"/> <u>12:30</u>	<input type="checkbox"/> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM None (BMP Deficiency--Waste Handling)	US Airways-Gate	Used absorbent was located in spill cart without a date	Confirmation of issue(s) resolved received on 10/06/2014  Labels replaced stating date.
<u>9/4/2014</u>  <u>7:30</u>	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM None (BMP Deficiency--Non-Storm Water Management)	UPS-North Ramp	Pool of water with trash found beneath office air conditioning system.	Confirmation of issue(s) resolved received on 10/06/2014.  Email was sent to UPS. The trash has been removed from the ground where the AC condensate water is puddling.
<u>9/5/2014</u>  <u>10:00</u>	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM None (BMP Deficiency--Parking Lots, Sediment)	FedEx-Parking Lot	Observed sediment and debris accumulation.	Confirmation of issue(s) resolved received on 10/06/2014.  Email was sent to FedEx. Area was cleaned.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>9/5/2014</u>  <u>1:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Parking Lots, Oil Stain)	Bradford-Parking Lot	Oil leaks observed beneath employee cars within the parking lot.	Confirmation of issue(s) resolved received on 10/07/2014  Email sent to Bradford. Spots cleaned and pans provided to employees.
<u>9/8/2014</u>  <u>10:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Self Inspections, Oil Stain)	Envoy-Ramp	Oil stain was observed.	Confirmation of issue(s) resolved received on 09/08/2014  Situation was resolved on site.
<u>9/9/2014</u>  <u>10:30</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Hydraulic Oil Spill)	Southwest Airlines-Gate	Leaked fluids were observed at all operational gates, underneath aircraft engines.	Confirmation of issue(s) resolved received on 10/13/2014  Email was send to Southwest. Spills cleaned up the day of the inspection.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

<b>OBSERVATION DATE</b> (FROM REVERSE SIDE)	<b>NAME OF UNAUTHORIZED NSWD</b>  EXAMPLE: Vehicle Wash Water	<b>SOURCE AND LOCATION OF UNAUTHORIZED NSWD</b>  EXAMPLE: NW Corner of Parking Lot	<b>DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS</b> Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	<b>DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.</b>
9/9/2014  10:30 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Improper Storage)	Southwest Airlines-Cargo Gate	Tires, batteries, and exposed equipment parts observed in GES's leased area need cover.	Confirmation of issue(s) resolved received on 10/13/2014  Email was send to Southwest. Items have been removed
9/9/2014  10:30 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Loading and Unloading, Sediment)	Southwest Airlines-Cargo Building	Debris was observed in outdoor loading/unloading areas.	Confirmation of issue(s) resolved received on 10/13/2014  Email has sent to Southwest Airlines. Areas has been cleaned.
9/9/2014  10:30 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Potable Water System Flushing)	Southwest Airlines-Gate	Excessive use of potable water observed during potable water flushing. Water was not reaching the storm drain at time of the audit, but these areas should be swept regularly to reduce the potential for pollutants reaching the storm drain in situations such as the one observed.	Confirmation of issue(s) resolved received on 10/13/2014  Email was sent to Southwest Airlines. Area has been cleaned. Additional training has been provided to team.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>9/9/2014</u>  <u>10:30</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Parking Lots, Sediment)	Southwest Airlines-Cargo Building	Parking lot at the Cargo Building had accumulated sediment and debris.	Confirmation of issue(s) resolved received on 11/14/2014  Email was sent to Southwest Airlines. Area has been cleaned.
<u>9/9/2014</u>  <u>10:30</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash/Sediment)	Southwest Airlines-Gate	Small-size trash and debris was observed throughout the operational gate areas.	Confirmation of issue(s) resolved received on 10/13/2014  Email was sent to Southwest Airlines. Area has been cleaned.
<u>9/9/2014</u>  <u>10:30</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	Southwest Airlines-Ramp	Increase frequency of sweeping due to high volume of traffic at gate.	Confirmation of issue(s) resolved received on 10/13/2014  Email was sent to Southwest Airlines. Area has been cleaned.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

<b>OBSERVATION DATE</b> (FROM REVERSE SIDE)	<b>NAME OF UNAUTHORIZED NSWD</b>  EXAMPLE: Vehicle Wash Water	<b>SOURCE AND LOCATION OF UNAUTHORIZED NSWD</b>  EXAMPLE: NW Corner of Parking Lot	<b>DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS</b> Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	<b>DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.</b>
9/11/2014  12:30 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	British Airways Airlines-Gate	Trash accumulation near baggage carousel area.	Confirmation of issue(s) resolved received on 10/10/2014  Email was sent to British Airways. Area shared with other tenants and is cleaned daily for trash.
9/12/2014  10:00 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Hydraulic Oil Spill)	Jet Blue Airlines-Gate	Fluids were observed leaking from the aircraft during site audit and inspection.	Confirmation of issue(s) resolved received on 10/17/2014  Email was sent to Jet Blue. Ramp area has been power washed.
9/12/2014  10:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Loading and Unloading, Sediment)	Jet Blue Airlines-Gate	Residue was observed in the loading and unloading area near gate 36.	Confirmation of issue(s) resolved received on 10/17/2014.  Email was sent to Jet Blue. Area has been cleaned.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>9/12/2014</u>  <u>12:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	FlagShip-Trash/Recycling Area	Some dumpsters have been observed overflowing with trash.	Confirmation of issue(s) resolved received on 10/06/2014  Email was sent to Flagship. Overflowing dumpster will be reported to the Airport Authority when seen.
<u>9/12/2014</u>  <u>12:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	FlagShip-Terminal 1 and 2 - General	Facility required sweeping and cleaning during audit inspection. Previous audits and inspections of Flagship responsibility areas showed that sweeping and cleaning was needed throughout both Terminal 1 and 2.	Confirmation of issue(s) resolved received on 10/06/2014  Email was sent to Flagship. Flagship will monitor terminals more closely.
<u>9/15/2014</u>  <u>10:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	Sun Country Airlines-Ramp	Trash and debris was observed at various locations throughout the ramps.	Confirmation of issue(s) resolved received on 10/17/2014  Email was sent to Sun Country. Area has been cleaned.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>9/15/2014</u>  <u>10:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping, Trash/Sediment)	Delta Airlines-Ramp	Trash and debris was observed at various locations throughout the ramps.	Confirmation of issue(s) resolved received on 10/20/2014  Email was sent to Delta Airlines. Are has been cleaned,
<u>9/16/2014</u>  <u>9:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping, Trash)	West Jet Airlines-Gate	Trash accumulation was found around ramp area.	Confirmation of issue(s) resolved received on 10/06/2014  Email was sent to West Jet. Corrective actions were taken immediately.
<u>9/16/2014</u>  <u>9:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping, Trash)	Air Canada Jazz Airlines-Gate	Trash accumulation was found around ramp area.	Confirmation of issue(s) resolved received on 10/06/2014  Email was sent to Air Canada Jazz. Corrective actions were taken immediately.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>9/17/2014</u>  <u>11:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Loading and Unloading, Sediment)	SSP-Storage Area	Debris is present in loading areas.	Confirmation of issue(s) resolved received on 11/18/2014  Email was sent to SSP. Debris was cleaned up and monitored daily.
<u>9/17/2014</u>  <u>11:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	SSP-Gate	Leak was identified on refrigeration unit. Trash also observed around unit.	Confirmation of issue(s) resolved received on 11/18/2014  Email was sent to SSP. Leak has been fixed. Unit to be removed 12/15/2014.
<u>9/23/2014</u>  <u>1:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Petroleum Spill)	Aircraft Service International Group-Ramp	Several vehicles showed signs of leaking fluids and were not contained with drip pans.	Confirmation of issue(s) resolved received on 11/04/2014  Email sent to ASIG. Drip pans ordered and will be used as needed under vehicles.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>9/23/2014</u>  <u>1:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Petroleum Spill)	Aircraft Service International Group-Ramp	Fluids and batteries were not removed from salvage vehicles and equipment.	Confirmation of issue(s) resolved received on 11/04/2014  Email sent to ASIG. All fluids and batteries have been removed from salvaged vehicles.
<u>9/23/2014</u>  <u>1:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Petroleum Spill)	Aircraft Service International Group-Ramp	Obsolete vehicles were awaiting disposal, but showed signs that they have been on site for an extended period of time.	Confirmation of issue(s) resolved received on 11/17/2014  Email sent to ASIG. Vehicle has been removed from site.
<u>9/23/2014</u>  <u>1:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Aircraft Service International Group-Ramp	Some material was stored outdoors, and should be protected from stormwater contact.	Confirmation of issue(s) resolved received on 11/17/2014  Email sent to ASIG. Items have been covered or removed from site.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

<b>OBSERVATION DATE</b> (FROM REVERSE SIDE)	<b>NAME OF UNAUTHORIZED NSWD</b>  EXAMPLE: Vehicle Wash Water	<b>SOURCE AND LOCATION OF UNAUTHORIZED NSWD</b>  EXAMPLE: NW Corner of Parking Lot	<b>DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS</b> Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	<b>DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.</b>
9/23/2014  1:30 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping, Sediment)	Aircraft Service International Group-Ramp	Area near the inoperable vehicles required sweeping.	Confirmation of issue(s) resolved received on 11/17/2014  Email sent to ASIG. Area has been cleaned.
9/24/2014  9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping, Trash)	Elite Line Services-Other	Facility requires more frequent sweeping. Trash found in baggage carousel areas.	Confirmation of issue(s) resolved received on 10/06/2014  Email sent to ELS. Area was cleaned.
9/26/2014  9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Inoperable Equipment)	San Diego County Regional Airport Authority-Other	Rusted equipment in Boneyard storage, Runway Generator Area, and old CAS equipment in Virgin America	Work order was submitted 10/29/2014. Confirmation of issue resolution 2/9/2015.  Equipment was removed from runway generator area. EAD working with FMD on ongoing boneyard issue.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>9/26/2014</u>  9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Loading and Unloading, Sediment)	San Diego County Regional Airport Authority-Other	Paint cans need proper inside storage. Wood pallets should be covered when not in use.	Work order was submitted 10/29/2014. Confirmation of issue resolution 2/9/2015.  Corrective actions completed.
<u>9/26/2014</u>  9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-Other	Cleaner/degreaser concentrate in runway generator area requires a larger spill container and cover or secondary containment. Rusting equipment stored by runway generator area require cover. Boneyard storage area requires cleanup and overhead cover.	Work order was submitted 10/29/2014. Confirmation of issue resolution 2/11/2015.  Corrective actions completed.
<u>9/26/2014</u>  9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-North Ramp	Oily pole in boneyard is exposed. Required immediate cover and removal.	Work order was submitted 10/29/2014. Confirmation of issue resolution 2/6/2015.  Corrective actions completed.

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<u>9/26/2014</u>  9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-Storage Area	Material stockpiles in boneyard area are not covered or contained.	Work order was submitted 10/29/2014. Confirmation of issue resolution 2/11/2015.  Corrective actions completed.
<u>9/26/2014</u>  9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Washdown/Sweeping, Sediment)	San Diego County Regional Airport Authority-Maintenance	Large amount of sediment accumulation near the fence line behind GES maintenance trailer and oil water separator.	Work order was submitted 10/29/2014. Confirmation of issue resolution 2/9/2015.  Corrective actions completed by maintenance staff.
<u>9/26/2014</u>  9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Drainage System Maintenance)	San Diego County Regional Airport Authority-North Ramp	Storm drain near runway generator area requires maintenance of filter fabric appears broken. Storm drains near ARFF building require maintenance due to sediment buildup.	Work order was submitted 10/29/2014. Confirmation of issue resolution 2/9/2015.  Letter to proceed with quarterly storm drain maintenance issued.

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<u>9/26/2014</u>  <u>9:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash/Sediment)	San Diego County Regional Airport Authority-North Ramp	Boneyard storage area requires sweeping and cleanup. Broken glass and debris found.	Work order was submitted 10/29/2014. Confirmation of issue resolution 2/6/2015.  Corrective actions completed.
<u>9/30/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Parking Lots, Oil Stain)	ACE-Parking Lot	Some fresh oily spots were observed at various parking lots. This was a particular concern at Lot 10, where shuttle service is performed.	Confirmation of issue(s) resolved received on 10/20/2014  Email was sent to ACE. Area was cleaned.
<u>10/10/2014</u>  <u>10:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Inoperable Equipment)	Integrated Airline Services-North Ramp	UPS inoperable equipment is stored uncovered in IAS trailer area. Equipment requires cover and/or proper disposal.	Confirmation of issue(s) resolved received on 10/29/2014  Email was sent to IAS. Equipment has been removed

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<u>10/10/2014</u>  <u>10:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping, Oil Stain)	Integrated Airline Services-North Ramp	Oily sediment found on East side of trailer. Requires cleanup.	Confirmation of issue(s) resolved received on 12/05/2014  Email was sent to IAS. Area was cleaned and has recently been repaved.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency-- Structural TCBMP Maintenance, Trash)	San Diego County Regional Airport Authority-Airside - Other	Storm filter BMP on west side of runway needs maintenance. Trash accumulation on artificial turf.	Confirmation of issue(s) resolved received on 1/22/2015  A work order was submitted to FDD contractor. Area was cleaned.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Building and Grounds Maintenance, Sediment)	San Diego County Regional Airport Authority-Airside - Other	Erosion observed near perimeter road in the Northwest region of airside. BMPs were not sufficient to reduce sediment flow into catch basin. Sediment control and BMP maintenance required along fence line.	Confirmation of issue(s) resolved received on 1/22/2015  EAD working with FDD to install erosion control. Trenching to begin in area March 2015.

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<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-ARFF Station	Authority vehicle observed parked over storm drain behind ARFF building.	Confirmation of issue(s) resolved received on 01/23/2015  Email was sent to FMD. Vehicle was moved off storm drain.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-Storage Area	Cover and cleanup required for material stockpiles in boneyard storage area. Broken tile and debris observed and requires sweeping.	Work orders submitted 1/20/2015.  FMD confirmed area cleared.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping)	San Diego County Regional Airport Authority-Airside - Other	Gasoline containers found inside berm near AST in the runway generator area.	Confirmation of issue(s) resolved received on 1/20/2015  FMD moved containers into secondary containment.

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<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-Airside - Other	Rusted equipment observed uncovered in runway generator area.	Confirmation of issue(s) resolved received on 01/28/2015  Email was sent to FMD. Task has been completed.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-Airside - Other	Cleaner/degreaser concentrate in runway generator area requires a larger spill container and cover, or secondary containment.	Work order submitted 1/22/2015. Confirmation of issue(s) resolved received on 2/11/2015.  Email was sent to FMD. Items were moved inside.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Trash/Sediment/Water Source (BMP Deficiency--Non-storm Water Management)	San Diego County Regional Airport Authority-Trash/Recycling Area	Discharge observed from garbage compactor area to storm drain. Food waste and garbage observed at the storm drain. Requires cleanup. Training required to ensure that water remains inside the bermed area during cleaning of the garbage area and that no future discharges occur.	Work order submitted 1/20/2015.  EAD working with FMD to clean and maintain this area.

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<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	San Diego County Regional Airport Authority-Cargo Building	Sweeping required behind blast fence on west side of cargo area. Trash observed between the fence line and blast structures.	Work order submitted 1/25/2015. Confirmation of issue(s) resolved received on 2/23/2015.  Email was sent to FMD. Area was swept.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-Parking Lot	Metal materials and fluorescent lights stored without cover in shuttle parking lot. Cover and containment required for stored materials.	Work order submitted 1/26/2015.  EAD is working with FMD staff to remove or cover items stored in this location.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	San Diego County Regional Airport Authority-Parking Lot	Trash observed along fence line in shuttle parking area, requires sweeping and cleanup.	Work order submitted 1/26/2015. Confirmation of issue(s) resolved received on 2/23/2015.  Email was sent to FMD. Area was cleaned.

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<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling and Disposal)	San Diego County Regional Airport Authority-Maintenance	Paint cans observed outside of procurement building. Properly dispose or contain materials.	Confirmation of issue(s) resolved received on 01/28/2015  Email was sent to FMD. Area has been cleaned.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Non-Storm Water Management, Trash)	San Diego County Regional Airport Authority-Parking Lot	Large amount of trash found between employee parking lot fence lines across from the con air lagoon.	Work order submitted 1/27/2015. Confirmation of issue(s) resolved received on 2/23/2015.  Email was sent to FMD. Area was cleaned.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Conduct Self Inspections)	San Diego County Regional Airport Authority-Parking Lot	Due to the illegal dumping observed, continued inspection is required along fence line between parking areas and N. Harbor Dr in order to prevent future discharge.	Confirmation of issue(s) resolved received on 2/23/2015.  Email was sent to FMD. Regular inspections for trash scheduled for this area.

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<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency-- Structural TCBMP Maintenance, Trash)	San Diego County Regional Airport Authority-Airside - Other	BMPs require maintenance. Torn or partially implemented filter fabric observed at multiple catch basins, including cargo area, commuter terminal parking lot, west wing parking lot, runway generator area, boneyard storage area, Gate 12, and Gate 9.	Work order submitted 1/22/2015. Confirmation of issue(s) resolved received on 4/22/2015. Email was sent to FMD. Contractor cleaned and maintained storm drains during quarterly MS4 maintenance.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency-- Structural TCBMP Maintenance, Trash)	San Diego County Regional Airport Authority-Airside - Other	Due to insufficient BMPs observed, frequent inspection and maintenance of drain system and structural BMPs should be scheduled and tracked.	Confirmation of issue(s) resolved received on 2/23/2015.  Email was sent to FMD. BMP maintenance scheduled quarterly.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency-- Equipment Maintenance, Hydraulic Oil Spill)	San Diego County Regional Airport Authority-Terminal 2 - General	Passenger bridges at gates 47, 48, and 42 leaking hydraulic fluid.	Work order submitted to ELS 1/22/2015. Issue noted resolved in subsequent inspection.  Email was sent to FMD. Area was cleaned and leak resolved.

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<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling and Disposal)	San Diego County Regional Airport Authority-Terminal 2 General	Trash bin near construction materials at Gate 38 uncovered.	Confirmation of issue(s) resolved received on 01/28/2015  Email was sent to FMD. Trash covered.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash/Sediment)	San Diego County Regional Airport Authority-Terminal 2 General	FOD under staircase at gate 37 (Jet Blue gate). Appears to be associated with construction materials. FOD and sediment under water pipe at Gate 36 (Jet Blue gate). Appears leaking water pipe is providing transport for sediment.	FMD contacted for resolution 1/27/2015.  Email was sent to FMD. Subsequent inspection noted area clean and dry.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Structural TCBMP Maintenance, Sediment)	San Diego County Regional Airport Authority-Parking Lot	Maintenance required for rock swale in front of Terminal 2 D1 parking area. Sediment accumulation observed.	FMD contacted for resolution 12/22/2014.  Email was sent to FMD. EAD is working with FMD to maintain the BMPs in this area.

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<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Structural TCBMP Impounded Water)	San Diego County Regional Airport Authority-Terminal 2 General	Accumulated stormwater inside bermed areas at Gates 23 and 18. Stormwater should be drained appropriately.	Confirmation of issue(s) resolved received on 01/28/2015  Email was sent to FMD. Task was completed (water evaporated).
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Non-Storm Water Management)	San Diego County Regional Airport Authority-Terminal 2 General	Outdoor water supply at gate 31. Hose bib should be locked and signage posted discouraging use for vehicle or equipment washing.	Work order submitted 1/22/2015.  Email was sent to FMD. The area was cleaned and EAD is working with FMD to properly label hoses.
<u>12/15/2014</u>  <u>12:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-Terminal 2 General	Outdoor storage area at Gate 33. Metal materials exposed to stormwater, water accumulated.	FMD contacted for resolution 1/28/2015. Task noted complete 2/23/2015.  Email was sent to FMD. Area was cleaned and covered.

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<u>12/15/2014</u>  <u>12:25</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Non-Storm Water Management, Training)	Delta Airlines-Ramp	Employee observed using outdoor hose bib as wash station. Ramp supervisor was alerted.	Confirmation of issue(s) resolved received on 12/15/2014  Email sent to Delta Airlines. Issue resolved onsite; employees will be corrected.
<u>12/15/2014</u>  <u>12:25</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	Delta Airlines-Terminal 2 - General	Leaking tugs observed at gates 49 and 50.	Confirmation of issue(s) resolved received on 01/23/2015  Email was sent to Delta Airlines. Task was completed.
<u>12/15/2014</u>  <u>12:25</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Spill Prevention, Control, & Clean Up)	Delta Airlines-Terminal 2 - General	Large antifreeze leak from Delta vehicle 270436.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to Delta Airlines Task was completed.

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<u>12/15/2014</u>  <u>12:25</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	Delta Airlines-Cargo Gate	Trash observed in loading area. Sweep and properly dispose of trash.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to Delta Airlines Task was completed.
<u>12/15/2014</u>  <u>12:25</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Delta Airlines-Cargo Gate	Inoperable equipment parked over drain. Relocate equipment and cover to prevent contact with storm water discharge.	Confirmation of issue(s) resolved received on 03/12/2015  Email was sent to Delta Airlines. Task was completed.
<u>12/15/2014</u>  <u>12:25</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Delta Airlines-Cargo Gate	Tires stacked on the ground. Cover tires and keep off the ground to prevent contact with storm water run-off. .	Confirmation of issue(s) resolved received on 03/12/2015  Email was sent to Delta Airlines. Tires have been removed.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

<b>OBSERVATION DATE</b> (FROM REVERSE SIDE)	<b>NAME OF UNAUTHORIZED NSWD</b>  EXAMPLE: Vehicle Wash Water	<b>SOURCE AND LOCATION OF UNAUTHORIZED NSWD</b>  EXAMPLE: NW Corner of Parking Lot	<b>DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS</b> Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	<b>DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.</b>
<u>12/15/2014</u>  <u>12:25</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Delta Airlines-Gate	Rollup satellite accumulation area at gate 47 open. Area was under cover of roof overhang, but rollup should be closed to prevent spills.	Confirmation of issue(s) resolved received on 01/23/2015  Email was sent to Delta Airlines. Maintenance manager to educate team.
<u>12/15/2014</u>  <u>12:48</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stain)	United Airlines-Gate	United tug XE5S89 parked at Gate 46 appears to be leaking. Trail of staining from vehicle parking area toward passenger bridge. United tug CT0486 parked near Terminal 2 baggage area (airside) also leaking. United tug AT0210 at Gate 45 also leaking. US Aviation (subtenant) lavatory truck leaking at Gate 44,	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to United Airlines. Task has been completed.
<u>12/15/2014</u>  <u>12:48</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Lavatory Service Operation)	United Airlines-Gate	Spills of lavatory waste observed on lavatory truck. Uncovered lavatory waste observed in bucket.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to United Airlines. Task has been completed.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>12/15/2014</u>  <u>12:48</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	United Airlines-Gate	Spill kit materials on ground. Appeared to have contacted water.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to United Airlines. Task has been completed.
<u>12/15/2014</u>  <u>12:48</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Non-Storm Water Management, Trash)	United Airlines-Cargo Gate	Cigarette butts observed along cargo fence line.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to United Airlines. Area cleaned and new ashtrays purchased.
<u>12/15/2014</u>  <u>12:48</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	United Airlines-Terminal 2 - General	Spilled and unswept spill kit material at gate 42.	Confirmation of issue(s) resolved received on 02/05/2015  Email was sent to United Airlines. Task has been completed.

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NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>12/15/2014</u>  <u>12:48</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Electric Vehicle Staining)	United Airlines-Terminal 2 - General	Staining observed in electric vehicle charging station between gates 47 and 48.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to United Airlines. Task has been completed.
<u>12/15/2014</u>  <u>1:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Water Source (BMP Deficiency--Lavatory Service Operation)	Hawaiian Airlines-Airside - Other	Lavatory service truck parked near APS vehicles at RON parking area leaking unknown fluid. APS is shared subtenant (Hawaiian and Volaris). Fluid appears to be water (no blue colorant or oily sheen) and is reaching storm drain. May be drainage from truck cleanout. Lavatory truck cleanout should be conducted ONLY at triturator.	Confirmation of issue(s) resolved received on 02/05/2015  Email was sent to Hawaiian Airlines. Issue was resolved by Volaris.
<u>12/15/2014</u>  <u>1:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Water Source (BMP Deficiency--Lavatory Service Operation)	Volaris Airlines-Airside - Other	Lavatory service truck parked near APS vehicles at RON parking area leaking unknown fluid. APS is shared subtenant (Hawaiian and Volaris). Fluid appears to be water (no blue colorant or oily sheen) and is reaching storm drain. May be drainage from truck cleanout. Lavatory truck cleanout should be conducted at triturator.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to Volaris. New fixture was installed on lav trucks to prevent water hose leakage.

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<u>12/15/2014</u>  <u>1:56</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash/Sediment)	Jet Blue Airlines-Terminal 2 - General	FOD under staircase at Gate 37, including used feminine hygiene product. Sediment and FOD under water pipe at Gate 36.	Confirmation of issue(s) resolved received on 01/12/2015  Email was sent to Jet Blue Airlines. Task has been completed.
<u>12/15/2014</u>  <u>1:56</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling and Disposal)	Jet Blue Airlines-Gate	Uncovered FOD container at gate 36,	Confirmation of issue(s) resolved received on 01/12/2015  Email was sent to Jet Blue Airlines. Task has been completed.
<u>12/15/2014</u>  <u>2:10</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling and Disposal)	US Airways-Gate	Used spill kit material mixed with trash uncovered at Gate 35. Dumpster uncovered at Gate 35. Uncovered FOD container at Gate 33.	Confirmation of issue(s) resolved received on 02/04/2015  Email was sent to US Airways. Task has been completed.

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<u>12/15/2014</u>  2:10 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	US Airways-Gate	Unswept spill kit material between Gates 33 and 34.	Confirmation of issue(s) resolved received on 02/04/2015  Email was sent to US Airways. Task has been completed.
<u>12/15/2014</u>  2:10 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	American Airlines-Commuter Terminal - General	Significant staining observed in commuter terminal equipment area.	Confirmation of issue(s) resolved received on 01/22/2015  Email was sent to American Airlines. Task has been completed.
<u>12/15/2014</u>  2:10 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	American Airlines-Maintenance	Vehicles leaking.	Confirmation of issue(s) resolved received on 01/09/2015  Email was sent to American Airlines. Task has been completed.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>12/15/2014</u>  <u>2:10</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling and Disposal)	American Airlines-Maintenance	Waste oil containers found unlabeled and uncovered. If empty, label as such. Otherwise, all hazardous materials require proper labeling and storage.	Confirmation of issue(s) resolved received on 01/09/2015  Email was sent to American Airlines. Task has been completed.
<u>12/15/2014</u>  <u>2:10</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Cover and Maintain Equipment Maintenance Areas)	American Airlines-Maintenance	GES (subtenant) maintenance area was observed to have an open gas cans require secondary containment, tires on the ground should be covered and prevent contact with storm water, trash can needs a lid, oil and sediment accumulation observed behind trailer requires cleanup.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to American Airlines. Task has been completed.
<u>12/15/2014</u>  <u>2:10</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling and Disposal)	American Airlines-Gate	FOD bucket at gate 31 uncovered with water accumulated inside.	Confirmation of issue(s) resolved received on 01/09/2015  Email was sent to American Airlines. Task has been completed.

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<b>OBSERVATION DATE</b> (FROM REVERSE SIDE)	<b>NAME OF UNAUTHORIZED NSWD</b>  <u>EXAMPLE:</u> Vehicle Wash Water	<b>SOURCE AND LOCATION OF UNAUTHORIZED NSWD</b>  <u>EXAMPLE:</u> NW Corner of Parking Lot	<b>DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS</b> Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	<b>DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.</b>
<u>12/15/2014</u>  <u>2:10</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Electric Vehicle Staining)	American Airlines-Terminal 2 - General	Staining at electric vehicle charging station between gates 34 and 35. Gates leased to US Airways, but American vehicle observed parked.	Confirmation of issue(s) resolved received on 01/09/2015  Email was sent to American Airlines. Task has been completed.
<u>12/15/2014</u>  <u>2:10</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Electric Vehicle Staining)	US Airways-Terminal 2 - General	Staining at electric vehicle charging station between gates 34 and 35. Gates leased to US Airways, but American vehicle observed parked.	Confirmation of issue(s) resolved received on 02/04/2015  Email was sent to US Airways. Task has been completed.
<u>12/15/2014</u>  <u>2:10</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Non-Storm Water Management, Trash)	US Airways-Cargo Gate	Cigarette butts accumulated on the ground outside the US airways cargo building.	Confirmation of issue(s) resolved received on 03/24/2015  Email was sent to US Airways. Task has been completed.

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<u>12/15/2014</u>  <u>2:20</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	FlagShip-Terminal 2 General	FOD in trash area between Gates 23 and 33.	Confirmation of issue(s) resolved received on 01/06/2015  Email was sent to FlagShip. Task has been completed.
<u>12/15/2014</u>  <u>2:57</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Lavatory Service Operation)	Frontier Airlines-Gate	Lavatory waste observed within hoses and was not drained completely.	Confirmation of issue(s) resolved received on 01/20/2015  Email was sent to Frontier Airlines. Task has been completed.
<u>12/15/2014</u>  <u>2:57</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling and Disposal)	Frontier Airlines-Gate	FOD container on lavatory truck uncovered. Water accumulated inside.	Confirmation of issue(s) resolved received on 01/20/2015  Email was sent to Frontier Airlines. Task has been completed.

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<u>12/15/2014</u>  <u>2:58</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Alaska Airlines-Gate	Tires stored on ground without cover. Store under cover and on a pallet or other secondary containment to prevent contact with storm water.	Confirmation of issue(s) resolved received on 03/23/2015  Email was sent to Alaska Airlines. Task has been completed.
<u>12/15/2014</u>  <u>2:58</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stain/Electric Vehicle Staining)	Alaska Airlines-Gate	Leaking DGS and Alaska vehicles at Gate 18. Staining from electric vehicle charging also observed. Inspect equipment from leaks and avoid overcharging vehicles to prevent spillage.	Confirmation of issue(s) resolved received on 02/04/2015  Email was sent to Alaska Airlines. Task has been completed.
<u>12/15/2014</u>  <u>2:58</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Designate and Cover Equipment Maintenance Areas)	Alaska Airlines-Gate	DGS vehicle maintenance taking place on the ramp. Maintenance should occur in a designated area indoors or sloped away from storm drain.	Confirmation of issue(s) resolved received on 02/04/2015  Email was sent to Alaska Airlines. Task has been completed.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>12/15/2014</u>  <u>2:58</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	Alaska Airlines-Gate	Fresh, large stains observed at Gate 20 (shared gate with JAL and British Airways). Leaky ATS tug observed at same gate. Inspect equipment for leaks.	Confirmation of issue(s) resolved received on 03/27/2015  Email was sent to Alaska Airlines. Task has been completed.
<u>12/15/2014</u>  <u>2:58</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Lavatory Service Operation)	Alaska Airlines-Gate	Lavatory drippage/glove waste stored in open buckets. Drippage and waste should be dumped into the bulk storage tank.	Confirmation of issue(s) resolved received on 02/04/2015  Email was sent to Alaska Airlines. Task has been completed.
<u>12/15/2014</u>  <u>3:14</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Petroleum Spill)	British Airways Airlines-Gate	Fresh, large stains observed at Gate 20 (shared gate with Alaska and JAL). Inspect equipment for leaks.	Confirmation of issue(s) resolved received on 01/16/2015  Email was sent to British Airways. Task has been completed.

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<u>12/15/2014</u>  <u>3:14</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	Japan Airlines-Gate	Leaking ATS vehicle observed at Gate 20 (shared gate with Alaska and British Airways).	Confirmation of issue(s) resolved received on 01/22/2015  Email was sent to Japan Airlines. Equipment has been maintained and area cleaned.
<u>12/15/2014</u>  <u>3:14</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Petroleum Spill)	Japan Airlines-Gate	Fresh, large stains observed at Gate 20 (shared gate with Alaska and British Airways). Inspect equipment for leaks.	Confirmation of issue(s) resolved received on 01/09/2015  Email was sent to Japan Airlines. Equipment has been maintained and area cleaned.
<u>12/15/2014</u>  <u>3:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	Southwest Airlines-Commuter Terminal - General	Southwest vehicle leaking. Maintain vehicle to control leak. Inspect and maintain equipment to prevent future leaking and discharges.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to Southwest Airlines. Area has been cleaned.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>12/15/2014</u>  <u>3:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	Southwest Airlines-Cargo Gate	Trash found in loading area.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to Southwest Airlines. Area has been cleaned.
<u>12/15/2014</u>  <u>3:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	Southwest Airlines-Cargo Gate	Waste containers require cover.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to Southwest Airlines. Area has been cleaned.
<u>12/15/2014</u>  <u>3:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	Southwest Airlines-Cargo Gate	Contaminated absorbent waste drums are not dated. Hazardous waste drums should be properly labeled with the date absorbents were contaminated.	Confirmation of issue(s) resolved received on 02/05/2015  Email was sent to Southwest Airlines. Area has been cleaned.

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<u>12/15/2014</u>  <u>3:30</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Southwest Airlines-Gate	Tires stored under cover (overhang) but on ground at Gate 4. Old equipment also observed at gates 1B and 1A.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to Southwest Airlines. Area has been cleaned.
<u>12/18/2014</u>  <u>2:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	FedEx-North Ramp	Tires should be covered and lifted off the ground to prevent contact with storm water run-off.	Confirmation of issue(s) resolved received on 01/27/2015  Email was sent to Southwest Airlines. Area has been cleaned.
<u>12/18/2014</u>  <u>3:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	DHL-North Ramp	Tires should be covered and lifted off the ground to prevent contact with storm water run-off.	Confirmation of issue(s) resolved received on 02/05/2015  Email was sent to Southwest Airlines. Area has been cleaned.

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<u>12/18/2014</u>  <u>3:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Fuel Spill)	Landmark Aviation-North Ramp	Leaking "TLD" equipment, potential overfueling.	Confirmation of issue(s) resolved received on 01/09/2015  Email was sent to Landmark Aviation. Area has been cleaned.
<u>12/18/2014</u>  <u>3:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	Aircraft Rescue & Fire Fighting-ARFF Station	Trash accumulation observed behind ARFF building.	Confirmation of issue(s) resolved received on 02/10/2015  Email was sent to ARFF. Area has been cleaned.
<u>12/18/2014</u>  <u>4:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	Aircraft Service International Group-Maintenance	Fueling equipment leaks observed. Regularly inspect and maintain equipment to prevent leaks and discharges.	Confirmation of issue(s) resolved received on 03/17/2015  Email was sent to ASIG. Area has been cleaned.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>12/18/2014</u>  <u>4:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Petroleum Spill)	Aircraft Service International Group-Maintenance	Air compressor behind ASIG building is leaking.	Confirmation of issue(s) resolved received on 02/12/2015  Email was sent to ASIG. Air compressor has been replaced and leaks cleaned.
<u>12/18/2014</u>  <u>4:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Fuel Spill)	Aircraft Service International Group-North Ramp	Leaking gasket on UPS equipment. Reported to be due to overfilling of vehicles and equipment. Do not top off during fueling to prevent overfilling of equipment and fuel discharges.	Confirmation of issue(s) resolved received on 02/04/2015  Email was sent to ASIG. Area has been cleaned and ground fuelers educated to reduce spills.
<u>12/18/2014</u>  <u>5:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stain)	SeaPort Airlines-Commuter Terminal - General	Significant staining observed in commuter terminal equipment area. Inspect all equipment for leaks and maintain as necessary.	Confirmation of issue(s) resolved received on 01/21/2015  Email was sent to SeaPort Airlines. Area has been cleaned.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>12/18/2014</u>  <u>5:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	SeaPort Airlines-Commuter Terminal - General	Trash observed along fence line by commuter terminal ramp. Region requires frequent inspection and cleaning to prevent trash accumulation.	Confirmation of issue(s) resolved received on 01/21/2015  Email was sent to SeaPort Airlines. Area has been cleaned.
<u>12/18/2014</u>  <u>5:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stain)	Envoy-Commuter Terminal - General	Significant staining observed in commuter terminal equipment area.	Confirmation of issue(s) resolved received on 02/05/2015  Email was sent to Envoy. Area has been cleaned.
<u>12/18/2014</u>  <u>5:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	Envoy-Commuter Terminal - General	Trash observed along fence line by commuter terminal ramp. Region requires frequent inspection and cleaning to prevent trash accumulation.	Confirmation of issue(s) resolved received on 02/05/2015  Email was sent to Envoy. Area has been cleaned.

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NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>12/19/2014</u>  <u>2:00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping, Trash)	ACE-Parking Lot	Trash accumulation observed in rental car parking lot. Regularly inspect and sweep area.	Confirmation of issue(s) resolved received on 02/10/2015  Email was sent to ACE. Area has been cleaned.
<u>3/9/2015</u>  <u>9:51</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping, Sediment)	Allied Aviation-Fueling Area	Sediment observed at remote fueling station, outside of spill containment area.	Email sent to Allied 3/9/2015.  EAD is working with tenant to clean this area and prevent future maintenance issues.
<u>3/9/2015</u>  <u>9:51</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Fuel Spill)	Allied Aviation-Fueling Area	Fresh spills observed at remote fueling station outside of spill containment area. Inspect regularly and clean when necessary.	Email sent to Allied 3/22/2015.  EAD is working with tenant to clean this area and prevent future spills.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>3/9/2015</u>  <u>9:51</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Allied Aviation-Fueling Area	Please label materials stored outside in drums. If empty, please mark empty. Cover all stored materials. Please segregate wastes from stored materials. Provide secondary containment for any liquids.	Email sent to Allied 3/22/2015.  EAD is working with tenant to ensure all materials properly labeled.
<u>3/9/2015</u>  <u>10:07</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Cover Equipment)	Aircraft Service International Group-Other	Two pieces of equipment stored outdoors in ASIG area not fully covered. Poned stormwater within tarp on first piece of equipment. Broken glass below second piece of equipment. Fully cover equipment and check for ponding after rain events, or dispose.	Confirmation of issue(s) resolved received on 04/21/2015  Email was sent to ASIG. Area has been cleaned of glass and equipment covered.
<u>3/9/2015</u>  <u>10:07</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	Aircraft Service International Group-Other	Unlabeled 55gal drum (assumed to be waste) in ASIG area. Label drum and store in secondary containment.	Confirmation of issue(s) resolved received on 04/21/2015  Email was sent to ASIG. Drum was hauled offsite.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>3/9/2015</u>  <u>10:07</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stain)	Aircraft Service International Group- Other	Drip pans and spill material used on vehicle inadequate. Fresh oily stains under vehicle. Clean and use drip pans during maintenance.	Email sent to tenant 3/9/2015. Confirmation of issue resolution 6/12/2015.  EAD is working with ASIG to clean area and install drip pans.
<u>3/9/2015</u>  <u>10:07</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Petroleum Spill)	Aircraft Service International Group- Other	Obsolete equipment leaking in ASIG area. Spill pans used, but spill material on concrete not picked up. Dispose of obsolete equipment, particularly if leaking.	Email sent to tenant 3/9/2015. Confirmation of issue resolution 6/12/2015.  Subsequent reinspection by EAD noted equipment not found.
<u>3/9/2015</u>  <u>10:07</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	Aircraft Service International Group- Other	Leaking vehicle observed.	Email sent to tenant 3/9/2015. Confirmation of issue resolution 6/12/2015.  Subsequent reinspection by EAD noted leak not found.

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<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	American Airlines-Maintenance	Trash accumulated along fence line in maintenance area.	Confirmation of issue(s) resolved received on 04/08/2015  Email was sent to American Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	American Airlines-Maintenance	Store significant materials (oil and tires awaiting disposal) under cover. Provide secondary containment for liquids.	Confirmation of issue(s) resolved received on 04/08/2015  Email was sent to American Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Equipment Ops Maintenance Areas)	American Airlines-Maintenance	Vehicle maintenance (sanding) observed outside in GES area.	Confirmation of issue(s) resolved received on 04/08/2015  Email was sent to American Airlines. Area has been cleaned.

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<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	American Airlines-Maintenance	Overflowing waste container in GES maintenance area.	Confirmation of issue(s) resolved received on 04/21/2015  Email was sent to American Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	American Airlines-Maintenance	Significant material (motor oil) stored outside in GES area. Other materials and trash also stored outside and under vehicle.	Confirmation of issue(s) resolved received on 04/24/2015  Email was sent to American Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Dispose of Old Batteries)	American Airlines-Maintenance	Battery in path of storm drain in GES area. Either store within secondary containment under cover or dispose.	Confirmation of issue(s) resolved received on 04/24/2015  Email was sent to American Airlines. Area has been cleaned.

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<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	American Airlines-Commuter Terminal - General	GES (American tenant) materials stored outside near commuter terminal. Materials include: tires, old Northwest Airlines equipment.	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to American Airlines. Materials noted in subsequent inspection. EAD working with tenant to cover.
<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Electric Vehicle Staining (BMP Deficiency--Vehicle Maintenance, Electric Vehicle Staining)	American Airlines-Commuter Terminal - General	Battery acid staining from electric vehicle charging. Stains reach storm drain and are apparent inside storm drain. No current discharge. Use drip pans during charging and/or electrolyte maintenance, or alternatively, consider switching to sealed batteries.	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to American Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Electric Vehicle Staining)	American Airlines-Terminal 2 - General	Battery acid staining at Gate 23 charging stations. Use drip pans during charging and/or electrolyte maintenance. Alternatively, consider switching to sealed batteries.	Confirmation of issue(s) resolved received on 04/24/2015  Email was sent to American Airlines. Area has been cleaned.

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<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Non-Storm Water Management)	American Airlines-Airside - Other	Hoses in airplane wash rack appear to be leaking; sediment accumulated near leaks has the potential to be transported to storm drain during storms.	Confirmation of issue(s) resolved received on 04/24/2015  Email was sent to American Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Sediment (BMP Deficiency--Housekeeping, Sediment)	American Airlines-Maintenance	American/GES maintenance area has accumulated a very thick layer of sediment leading to the storm drain.	Confirmation of issue(s) resolved received on 05/05/2015  Email was sent to American Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	American Airlines-Commuter Terminal - General	Cover and contain stored spill kit material.	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to American Airlines. Area has been cleaned.

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<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping)	American Airlines-Commuter Terminal - General	Spilled trash can in commuter terminal. Clean and secure trash can if prone to blowing over.	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to American Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	American Airlines-Terminal 2 - General	Uncovered waste containers observed at Gates 23 and 25.	Confirmation of issue(s) resolved received on 04/08/2015  Email was sent to American Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Fluid Spill)	American Airlines-Terminal 2 - General	Leaking GSE observed.	Confirmation of issue(s) resolved received on 04/07/2015  Equipment noted still leaking. EAD working with American to resolve this issue.

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<u>3/9/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Non-Storm Water Management)	American Airlines-Gate	Outdoor hand washing station observed at Gate 32 passenger bridge. Outdoor washing is not allowed.	Confirmation of issue(s) resolved received on 04/24/2015  Email was sent to American Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:26</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Electric Vehicle Staining)	Delta Airlines-Terminal 2 - General	Battery acid staining at Gate 46 charging stations.	Confirmation of issue(s) resolved received on 04/03/2015  Email was sent to Delta Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:26</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	Delta Airlines-Airside - Other	FOD and debris observed in RON parking area.	Confirmation of issue(s) resolved received on 04/03/2015  Email was sent to Delta Airlines. Area has been cleaned.

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<u>3/9/2015</u>  <u>10:26</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Dispose of Old Batteries)	Delta Airlines-Airside - Other	Salvage vehicle parked in RON parking area should be covered and fluids/batteries removed.	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to Delta Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:26</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Hydraulic Oil Spill)	Delta Airlines-Gate	Leaking GSE observed at Gate 50, Gate 49, and Gate 47.	Confirmation of issue(s) resolved received on 04/03/2015  Email was sent to Delta Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:26</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Delta Airlines-Maintenance	Move significant materials under cover and provide secondary containment for liquids.	Confirmation of issue(s) resolved received on 04/03/2015  Email was sent to Delta Airlines. Area has been cleaned.

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3/9/2015  10:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	San Diego County Regional Airport Authority-Airside - Other	Uncovered trash receptacles in new triturator and at generator area.	Confirmation of issue(s) resolved received on 05/05/2015  Email was sent to FMD. Trash covered or removed.
3/9/2015  10:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	San Diego County Regional Airport Authority-Storage Area	Wastes stored in boneyard area need secondary containment and cover. Wastes seen include 1) Tires being used to hold tarp on non-hazardous waste; 2) non-hazardous waste with inadequate tarp cover and stormwater within tarp; 3) used bulbs stored without cover; 4) used equipment with leaking fluids; 5) e-waste on ground with inadequate tarp and disintegrated cardboard/padding.	Confirmation of issue(s) resolved received on 05/05/2015  Email was sent to FMD. Issues resolved per reinspection by EAD.
3/9/2015  10:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping)	San Diego County Regional Airport Authority-Storage Area	Disintegrating materials stored outdoor, including straw wattles with straw coming out and paint stencils with paint chipping off.	Confirmation of issue(s) resolved received on 05/05/2015  Email was sent to FMD. Area has been cleaned and materials removed.

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<u>3/9/2015</u>  <u>10:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Inoperable Equipment)	San Diego County Regional Airport Authority-Storage Area	Inoperable/obsolete equipment stored outside in Boneyard, including lights/bulbs, engines, and transformers. Dispose of inoperable equipment and cover while awaiting disposal.	Confirmation of issue(s) resolved received on 05/05/2015  Email was sent to FMD. Issues resolved per reinspection by EAD.
<u>3/9/2015</u>  <u>10:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Non-Storm Water Management)	San Diego County Regional Airport Authority-Terminal 2 General	Unauthorized hand washing station observed at Gate 32 passenger bridge. Limit availability of outdoor water supplies and post signs delineating appropriate use.	Confirmation of issue(s) resolved received on 05/04/2015  Email was sent to FMD. Hose bibs locked or removed.
<u>3/9/2015</u>  <u>10:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	San Diego County Regional Airport Authority-Parking Lot	Green waste bin in shuttle lot not covered. Trash can in FMD parking lot not covered.	Confirmation of issue(s) resolved received on 05/04/2015  Email was sent to FMD. Trash can removed. EAD working with FMD to resolve green waste container.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>3/9/2015</u>  <u>10:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping, Trash)	San Diego County Regional Airport Authority-Airside - Other	Either trash or inappropriate materials storage behind main compactor area.	Email sent to FMD 3/18/15.  EAD working with FMD to remove these items and store under cover.
<u>3/9/2015</u>  <u>10:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Water Source (BMP Deficiency-- Equipment Cleaning)	San Diego County Regional Airport Authority-Airside - Other	Washing water leaking toward storm drain and bypassing BMPs.	Email sent to FMD 3/18/15.  EAD working with FMD to implement, maintain appropriate, well-positioned BMPs in this area.
<u>3/9/2015</u>  <u>10:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Non-Storm Water Management)	San Diego County Regional Airport Authority-Terminal 2 - General	Leaky eyewash observed at Gate 38.	Confirmation of issue(s) resolved received on 03/09/2015  Email was sent to FMD. Plumber called during inspection to fix leak.

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<u>3/9/2015</u>  <u>10:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	San Diego County Regional Airport Authority-Parking Lot	Trash observed in rental car parking lot on Harbor.	Email sent to FMD 3/18/15.  EAD working with FMD to maintain frequent trash inspections in this area.
<u>3/9/2015</u>  <u>10:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Spill Prevention, Control, and Clean Up)	San Diego County Regional Airport Authority-Parking Lot	Spill protection (berms) on porta-potties in the cell phone lot need maintenance.	Email sent to FMD 3/18/15.  Issue resolved in subsequent reinspection. EAD working with FMD to install larger spill trays.
<u>3/9/2015</u>  <u>10:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Sediment)	San Diego County Regional Airport Authority-Terminal 2 - General	Sediment accumulated under back flow preventer at Gate 35.	Confirmation of issue(s) resolved received on 05/04/2015  Email was sent to FMD. Area has been cleaned.

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<u>3/9/2015</u>  <u>10:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Non-Storm Water Management)	San Diego County Regional Airport Authority-Other	Hose bibs with hoses attached observed at ARFF facility, shuttle parking lot, and Gate 11C.	Confirmation of issue(s) resolved received on 05/04/2015  Email was sent to FMD. FMD working with EAD to properly label outdoor water sources.
<u>3/9/2015</u>  <u>10:50</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	United Airlines-Terminal 2 - General	Spotting observed on ramp at Gate 46. Leaking vehicle observed at Gate 41.	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to United Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:50</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Lavatory Service Operation)	United Airlines-Terminal 2 - General	Blue liquid spill observed at Gate 41 lavatory truck parking area.	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to United Airlines. Area has been cleaned.

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<u>3/9/2015</u>  <u>10:50</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash/Sediment)	United Airlines-Gate	Trash and sediment observed between Gates 38 and 39.	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to United Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:50</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Electric Vehicle Staining)	United Airlines-Terminal 2 - General	Battery acid staining at Gate 48 charging station. Use drip pans during charging and/or electrolyte maintenance. Alternatively, consider switching to sealed batteries. .	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to United Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:50</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping)	United Airlines-Maintenance	Close rollup doors in hazardous waste accumulation areas and move propane under cover.	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to United Airlines. Area has been cleaned.

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<u>3/9/2015</u>  <u>10:50</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Inoperable Equipment)	United Airlines-Maintenance	Equipment in maintenance area appears obsolete. Cover if inoperable, store battery in secondary containment, and dispose as soon as possible.	Confirmation of issue(s) resolved received on 04/23/2015  Email was sent to United Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>10:50</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	United Airlines-Maintenance	Uncovered trash/spill kit material observed in maintenance area. Trash bag with miscellaneous trash observed in maintenance/storage area behind compactors.	Confirmation of issue(s) resolved received on 04/07/2015  Email was sent to United Airlines. Area has been cleaned.
<u>3/9/2015</u>  <u>1:40</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Elite Line Services-ARFF Station	Tires being stored outdoors near ARFF station.	Confirmation of issue(s) resolved received on 04/24/2015  Email was sent to ELS. Area has been cleaned.

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<u>3/9/2015</u>  1:40 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	Elite Line Services-Terminal 1 - General	Uncovered trashcan at Gate 5.	Confirmation of issue(s) resolved received on 04/24/2015  Email was sent to ELS. Area has been cleaned.
<u>3/10/2015</u>  12:27 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	Volaris Airlines-Gate	Overflowing waste containers. Empty more frequently to prevent overflow.	Confirmation of issue(s) resolved received on 04/08/2015  Email was sent to Volaris Airlines. Area has been cleaned.
<u>3/10/2015</u>  2:35 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Electric Vehicle Staining)	Jet Blue Airlines-Gate	Battery acid staining at Gate 37 charging station. Use drip pans during charging and/or electrolyte maintenance. Alternatively, consider switching to sealed batteries.	Confirmation of issue(s) resolved received on 03/26/2015  Email was sent to Jet Blue Airlines. Area has been cleaned.

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<u>3/10/2015</u>  <u>2:45</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	Southwest Airlines-Gate	Trash accumulated near blast fence by Gate 1.	Confirmation of issue(s) resolved received on 04/24/2015  Email was sent to Southwest Airlines. Area has been cleaned.
<u>3/10/2015</u>  <u>2:45</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stain)	Southwest Airlines-Gate	Excessive staining from aircraft engines at gates 1A, 1B, 2, 3, and 10. Aircraft engine leak observed at Gate 2.	Confirmation of issue(s) resolved received on 04/24/2015  Email was sent to Southwest Airlines. Area has been cleaned.
<u>3/10/2015</u>  <u>2:45</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	Southwest Airlines-Terminal 1 - General	Move waste containers at skycap area behind counter or, if in front of counter, cover them.	Confirmation of issue(s) resolved received on 04/24/2015  Email was sent to Southwest Airlines. Area has been cleaned.

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<u>3/10/2015</u>  <u>2:59</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	Integrated Airline Services-Cargo Gate	Trash can was tipped over when inspector arrived and leaking a very small amount of fluid. Trash can was uprighted. Spill kit was uncovered.	Confirmation of issue(s) resolved received on 04/21/2015  Email was sent to IAS. Area has been cleaned.
<u>3/10/2015</u>  <u>3:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Electric Vehicle Staining)	Alaska Airlines-Gate	Battery acid staining at Gate 18 charging station. Use drip pans during charging and/or electrolyte maintenance. Alternatively, consider switching to sealed batteries.	Confirmation of issue(s) resolved received on 04/21/2015  Email was sent to Alaska Airlines. Area has been cleaned.
<u>3/10/2015</u>  <u>3:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stain)	Alaska Airlines-Gate	Staining at Gate 17 from plane. Clean and then monitor as necessary.	Confirmation of issue(s) resolved received on 04/10/2015 Email was sent to Alaska Airlines. Manager to ensure maintenance staff place drip pans. EAD working with Alaska to clean ramp.

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<u>3/10/2015</u>  <u>3:04</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	FlagShip-Terminal 1 General	Keep roll up containers closed when not in use (Roll up containers located at Gate 17). Tire stored outside without cover or containment.	Confirmation of issue(s) resolved received on 04/21/2015  Email was sent to FlagShip. Area has been cleaned.
<u>3/10/2015</u>  <u>3:04</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	FlagShip-Terminal 2 General	Continue to monitor area near Terminal 2 West pet relief station. Trash and cigarette butts accumulated in landscaping.	Confirmation of issue(s) resolved received on 04/21/2015  Email was sent to FlagShip. Area has been cleaned.
<u>3/10/2015</u>  <u>3:21</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	Landmark Aviation-Commuter Terminal General	CAS (Landmark subtenant) vehicle parked near the commuter terminal is leaking.	Confirmation of issue(s) resolved received on 04/03/2015  Email was sent to Landmark Aviation. Area has been cleaned.

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<u>3/10/2015</u>  <u>3:25</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	DHL-Cargo Gate	Keep rollup doors on materials storage areas closed when not in active use.	Confirmation of issue(s) resolved received on 04/03/2015  Email was sent to DHL Corrective action completed.
<u>3/10/2015</u>  <u>4:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	FedEx-Cargo Gate	Broken and discarded pallets observed throughout FedEx operational area.	Confirmation of issue(s) resolved received on 04/06/2015  Email was sent to FedEx. Area has been cleaned.
<u>3/10/2015</u>  <u>4:00</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	FedEx-Cargo Gate	Tires stored outside. Store under cover and within secondary containment.	Confirmation of issue(s) resolved received on 04/06/2015  Email was sent to FedEx Corrective action completed.

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<u>5/18/2015</u>  <u>7:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Sediment)	Delta Airlines-Cargo Building	Sediment accumulation observed outside cargo area. Sweeping required.	Confirmation of issue(s) resolved received on 6/12/2015.  Email was sent to Delta Airlines. Area swept at least once per week.
<u>5/18/2015</u>  <u>7:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Spill Prevention, Control, and Clean Upt)	Delta Airlines-Airside - Other	Location: RON. Kitty litter spilled near Delta spill cart.	Confirmation of issue(s) resolved received on 6/12/2015.  Email was sent to Delta Airlines. Area swept and absorbent will be cleaned immediately in future.
<u>5/18/2015</u>  <u>9:02</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	United Airlines-Airside - Other	Location: RON. Leaking vehicle observed.	Email sent to United 5/19/2015.  EAD working with tenant to clean and prevent future leaks.

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<u>5/18/2015</u>  <u>9:02</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Employee Training, Housekeeping)	United Airlines-Cargo Building	Cigarette butts observed on ground by no smoking sign. Area sweeping and employee training required.	Email sent to United 5/19/2015.  EAD working with tenant to clean area.
<u>5/18/2015</u>  <u>9:02</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stains)	United Airlines-Gate	Fresh oil stains observed. Vehicles and equipment should be checked for leaks and fresh spills cleaned up.	Email sent to United 5/19/2015.  EAD working with tenant to clean area and prevent future vehicle leaks.
<u>5/18/2015</u>  <u>9:02</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Exhaust Stains)	United Airlines-Gate	Sediment and black exhaust stains observed on ramp near Gate 40.	Email sent to United 5/19/2015.  EAD working with tenant to ensure ramp area is cleaned.

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<u>5/18/2015</u>  9:06 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Potable Water System Flushing)	Hawaiian Airlines-Terminal 2 - General	Excessive water observed coming from aircraft during potable water service. Release of pressure release valve during potable water fill. Excessive water should be captured for reuse or diverted.	Confirmation of issue(s) resolved received on 6/8/2015. Email was sent to Hawaiian Airlines. Ramp manager removed items and told staff to keep potable water to the minimum possible.
<u>5/18/2015</u>  10:08 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	Hawaiian Airlines- RON	Leaking GSE observed.	Email sent to Hawaiian 5/19/2015. Issue reassigned from United inspection. Confirmation of issue(s) resolved received 6/26/2015.  Email was sent to Hawaiian. Maintenance fixing tug.
<u>5/18/2015</u>  9:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Spill Prevention, Control, and Clean Up)	American Airlines-Maintenance	Oily sediment observed outside AA maintenance facility. Requires spot cleaning.	Email sent to tenant 5/19/2015.  Email was sent to American Airlines. EAD is working with tenant to clean.

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<u>5/18/2015</u>  9:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Spill Prevention, Control, and Clean Up)	American Airlines-Commuter Terminal - General	Fresh leak stains observed at equipment parking area require clean-up.	Email sent to tenant 5/20/2015.  Email was sent to American Airlines. EAD is working with tenant to clean.
<u>5/18/2015</u>  9:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stains)	American Airlines-Gate	Leaking from vehicle observed.	Email sent to tenant 5/19/2015.  Email was sent to American Airlines. EAD is working with tenant to fix vehicle and clean.
<u>5/18/2015</u>  9:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	American Airlines-Maintenance	Uncovered equipment observed near GES and AA maintenance areas. Materials require cover and containment when not in use.	Email sent to tenant 5/19/2015.  Email was sent to American Airlines. EAD is working with tenant to cover materials.

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<u>5/18/2015</u>  <u>9:40</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Spill Prevention, Control, and Clean Up)	American Airlines-Gate	Green liquid observed airside near Gate 32. Informed nearby GAT employee to address but the liquid was not immediately cleaned. Lavatory equipment was nearby servicing an aircraft, no other potential sources were identified.	Email sent to tenant 5/20/2015.  Email was sent to American Airlines. EAD is working with tenant to clean and prevent future spills.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping, Trash)	San Diego County Regional Airport Authority-North Ramp	Broken material and debris accumulation found in boneyard area. Area has recently been cleaned with significant improvement, but requires additional sweeping and removal of trash.	Issue resolution is in progress.  EAD is working with FMD to find permanent solutions to storage issue in Boneyard area.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Structural TCBMP Maintenance, Sediment)	San Diego County Regional Airport Authority-Cargo Building	Storm Drains in United and Southwest cargo loading ramps observed with sediment and debris. Employee reported significant water flooding in this area after recent storm event.	Issue resolution is in progress.  Quarterly storm drain maintenance performed in June.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-North Ramp	Metal materials in boneyard require cover.	Issue resolution is in progress.  EAD is working with FMD to cover items and find permanent solutions to storage issue in Boneyard area.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping)	San Diego County Regional Airport Authority-Other	Location: East side of west wing on Stillwater road. Paint chipping on the side of Stillwater road.	Issue resolution is in progress.  EAD working with FMD to sweep area.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority-ARFF Station	Equipment cover needs replacement on South side of ARFF storage building.	Issue resolution is in progress.  EAD working with FMD to replace cover.

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NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Structural TCBMP Maintenance, Sediment)	San Diego County Regional Airport Authority-Other	Location: Between terminal 2 and EAD office. Storm drain filter fabric needs replacement.	Issue resolution is in progress.  Quarterly storm drain maintenance performed in June.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Structural TCBMP Maintenance, Sediment)	San Diego County Regional Airport Authority-Other	Location: T2 Front of House near D1 parking area. Sediment and trash accumulation observed in biofilter.	Issue resolution is in progress.  Quarterly BMP and storm drain maintenance performed in June.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping, Trash)	San Diego County Regional Airport Authority-Terminal 1 General	Trash observed behind blast fence in the alley between Terminals 1 and 2. Sweeping required.	Issue resolution is in progress.  EAD working with FMD to sweep area.

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NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	San Diego County Regional Airport Authority- Trash/Recycling Area	Materials require cover and to be stored off the ground. Located behind trash compactors.	Issue resolution is in progress.  EAD working with FMD to move items under cover.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Structural TCBMP Maintenance, Trash)	San Diego County Regional Airport Authority-Parking Lot	Trash accumulation observed in bioswale in Terminal 2, A1 parking lot.	Issue resolution is in progress.  Quarterly BMP and storm drain maintenance performed in June.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency-- Housekeeping)	San Diego County Regional Airport Authority-Terminal 1 General	Paint cover material left out after project completion.	Issue resolution is in progress.  EAD working with FMD to remove items. Items note noted on subsequent inspection.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage, Lavatory)	San Diego County Regional Airport Authority-Parking Lot	Porta-Pottie near valet the parking lot office requires extended berm. Trash found outside of office.	Issue resolution is in progress.  EAD working with FMD to provide new tray for porta-potties and clean trash.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Drainage System Maintenance)	San Diego County Regional Airport Authority-Parking Lot	No Dumping stencil on storm drain is faded and unreadable.	Issue resolution is in progress.  EAD working with FMD to re-stencil.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Building and Grounds Maintenance)	San Diego County Regional Airport Authority-Airside - Other	Location: North side perimeter road. Berm has been moved and is no longer effective. Needs repair/replacement.	Issue resolution is in progress.  EAD working with FMD to repair berms. Area is now site of active construction.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stains)	San Diego County Regional Airport Authority-Airside - Other	Location: Gate 20. Exhaust stains observed on ramp.	Issue resolution is in progress.  EAD working with FMD to clean ramp area.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Structural TCBMP Maintenance, Sediment)	San Diego County Regional Airport Authority-Parking Lot	Torn filter fabric and debris accumulation observed in storm drain in the Terminal 1, S2 parking lot.	Issue resolution is in progress.  Quarterly storm drain maintenance performed in June.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Structural TCBMP Maintenance, Sediment)	San Diego County Regional Airport Authority-Parking Lot	Torn filter fabric and debris accumulation observed in storm drain in commuter terminal parking lot.	Issue resolution is in progress.  Quarterly storm drain maintenance performed in June.

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NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Waste Handling, Lavatory)	San Diego County Regional Airport Authority-Parking Lot	Porta-Potties require secondary containment in rental car parking area.	Issue resolution is in progress.  EAD working with FMD to provide new tray for porta-potties.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Structural TCBMP Maintenance, Sediment)	San Diego County Regional Airport Authority-North Ramp	Storm drain near DHL needs filter fabric replacement.	Issue resolution is in progress.  Quarterly storm drain maintenance performed in June.
<u>5/18/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Water Leak)	Alaska Airlines-Gate	Excess water observed around water cannon located airside at Gate 16. Equipment should be checked for leaks.	Email sent to tenant on 5/19/2015.  EAD is working with Alaska to ensure item does not leak.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>10:18</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Trash (BMP Deficiency--Housekeeping), Trash	Alaska Airlines-Cargo Building	Trash accumulation observed at storm drain and in parking areas in Alaska, Delta, and Hawaiian cargo loading docks.	Email sent to tenant on 5/19/2015.  EAD is working with Alaska to ensure area is free of trash.
<u>5/18/2015</u>  <u>10:23</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	FlagShip-Trash/Recycling Area	Trash receptacle requires cover when not in use.	Confirmation of issue(s) resolved received on 05/29/2015  Email was sent to FlagShip Area has been cleaned.
<u>5/18/2015</u>  <u>10:23</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Waste Handling)	FlagShip-Terminal 1 General	Open trash can outside observed on airside outside food court between Terminals 1 and 2. Needs a cover.	Confirmation of issue(s) resolved received on 05/29/2015  Email was sent to FlagShip. Area has been cleaned.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>10:33</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stains)	Southwest Airlines-Gate	Recent oil stains observed on ramp at Gates 2 and 4. Requires cleanup and possible aircraft or equipment repairs.	Email sent to tenant on 5/19/2015.  EAD is working with Southwest to clean ramp area and prevent future leaks.
<u>5/18/2015</u>  <u>10:33</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Southwest Airlines-Cargo Building	Materials stored outside cargo area require cover and containment.	Email sent to tenant on 5/19/2015.  EAD is working with Southwest to cover materials.
<u>5/18/2015</u>  <u>10:57</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Stains)	Aircraft Service International Group-Maintenance	Oil stains observed. Check vehicles and equipment for maintenance issues. Drip pans should be used to catch leaks when vehicles are not in operation.	Email sent to tenant on 5/20/2015.  EAD is working with ASIG to ensure tenant maintains vehicles and uses drip pans when necessary.

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NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>10:57</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Spill Prevention, Control, and Clean Up)	Aircraft Service International Group-Maintenance	Oil and sediment observed at North end of ASIG building. Requires cleanup.	Email sent to tenant on 5/19/2015.  EAD is working with ASIG to ensure area is cleaned and prevent future leaks.
<u>5/18/2015</u>  <u>10:57</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Spill)	Aircraft Service International Group-Maintenance	Oil accumulation observed in ASIG wash area. Requires spot cleanup. Vehicles and equipment should be checked for leaks.	Email sent to tenant on 5/19/2015.  EAD is working with ASIG to ensure area is cleaned and prevent future leaks.
<u>5/18/2015</u>  <u>11:01</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Outdoor Loading and Unloading)	British Airways-Maintenance	Vehicle observed parked over storm drain. Vehicles and equipment should not be parked over storm drains when not in use.	Email sent to tenant on 5/19/2015.  EAD is working with British Airways to find an appropriate place to park their vehicles.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>2:15</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	Allied Aviation-North Ramp	Second spill pallet required for oil container if containing liquid materials. Current spill pallet is too small to contain both oil drums.	Email sent to tenant on 5/19/2015.  EAD is working with Allied to resolve the issue of secondary containment of materials at North Ramp.
<u>5/18/2015</u>  <u>2:34</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Housekeeping), Sediment)	FedEx-North Ramp	Oily sediment accumulation observed east of the FedEx office and near the northern fence line.	Confirmation of issue(s) resolved received on 06/03/2015.  Email was sent to tenant. FedEx has cleaned area.
<u>5/18/2015</u>  <u>2:34</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Outdoor Material Storage)	FedEx-North Ramp	Materials stored outdoors require cover and store off the ground.	Confirmation of issue(s) resolved received on 05/29/2015.  Email was sent to tenant. FedEx has purchased a larger shed for materials storage.

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OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  <u>EXAMPLE:</u> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
<u>5/18/2015</u>  <u>2:42</u> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	None (BMP Deficiency--Waste Handling, Lavatory)	DHL-North Ramp	Porta-Potties require secondary containment or berm.	Email sent to tenant on 5/20/2015.  EAD working with DHL to ensure they provide appropriate containment to porta-potties.
<u>5/19/2015</u>  <u>9:10</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Waste Handling, Lavatory)	UPS-Parking Lot	Porta-Pottie in employee parking lot requires secondary containment or berm. Trash also observed in employee parking lot.	Confirmation of issue(s) resolved received on 6/10/2015  UPS and IAS cleaned area and provided spill tray for porta-pottie.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Leak)	Volaris-RON	Leaking GSE observed.	Email sent to tenant 6/25/2015. Issue was reassigned from United inspection.  EAD is working with tenant and Hawaiian to fix vehicle.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)**

<b>OBSERVATION DATE</b> (FROM REVERSE SIDE)	<b>NAME OF UNAUTHORIZED NSWD</b>  EXAMPLE: Vehicle Wash Water	<b>SOURCE AND LOCATION OF UNAUTHORIZED NSWD</b>  EXAMPLE: NW Corner of Parking Lot	<b>DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS</b> Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	<b>DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.</b>
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Vehicle Maintenance, Oil Leak)	Hawaiian-Commuter Terminal	Leaking observed from CAS equipment parked by commuter entrance gate.	Confirmation of issue(s) resolved received on 6/26/2015  Hawaiian tenant identified and fixed leak and cleaned spill.
<u>5/18/2015</u>  <u>10:08</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	None (BMP Deficiency--Housekeeping), Trash	Flagship-Trash Compactors	Trash and debris in runoff from trash compactor area observed reaching the storm drain. BMP is in place in storm drain, but requires maintenance and repositioning.	Email sent to tenant 6/24/2015. Issue was reassigned from SDCRAA Inspection.  EAD is working with tenant to clean area and reposition BMP.

**2014-2015  
ANNUAL REPORT  
FORM 4 – MONTHLY VISUAL OBSERVATIONS OF  
STORM WATER DISCHARGES**

**SIDE A**

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

<b>Observation Date: October 2014</b>  Observer's Name: Claire Johnson  Title: Amec Foster Wheeler, Consultant  Signature: <i>Claire M Johnson</i>  Time Discharge Began: None – no discharge during daylight hours  Observation Time: NA  Were Pollutants Observed: NA	Drainage Location Description	Observation Time	Were Pollutants Observed
	*C-B01-1b	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B03-2	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B05-4	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B06-5a	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-6	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-7	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B08-8	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B12-9a	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B09-10b	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO

<b>Observation Date: November 2014</b>  Observer's Name: Claire Johnson  Title: Amec Foster Wheeler, Consultant  Signature: <i>Claire M Johnson</i>  Time Discharge Began: None – no discharge during daylight hours  Observation Time: NA  Were Pollutants Observed: NA	Drainage Location Description	Observation Time	Were Pollutants Observed
	*C-B01-1b	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B03-2	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B05-4	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B06-5a	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-6	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-7	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B08-8	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B12-9a	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B09-10b	: A.M./P.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO

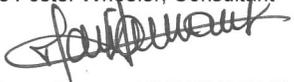
**2014-2015  
ANNUAL REPORT  
FORM 4-MONTHLY VISUAL OBSERVATIONS OF  
STORM WATER DISCHARGES**

**SIDE B**

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS  Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				

**2014-2015  
ANNUAL REPORT  
FORM 4-MONTHLY VISUAL OBSERVATIONS OF  
STORM WATER DISCHARGES**

SIDE A

<b>Observation Date: December 12, 2014</b> Observers Name: Mariamawit Yirsalign Title: Amec Foster Wheeler, Consultant Signature:  Time Discharge Began: 12/12/12 7:05 AM Observation Time: 7:05 AM – 8:11 AM Were Pollutants Observed: Yes (If yes, complete reverse side)	Drainage Location Description	Observation Time	Were Pollutants Observed
	*C-B01-1b	7:44 A.M.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	C-B03-2	8:11 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	C-B05-4	8:07 A.M.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B06-5a	7:55 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	C-B07-6	7:27 P.M.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-7	7:05 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	C-B08-8	7:21 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	*C-B12-9a	7:18 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	*C-B09-10b	7:16 P.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

<b>Observation Date: January 11, 2015</b> Observer's Name: Anna Wernet Title: Amec Foster Wheeler, Consultant Signature:  Time Discharge Began: 1/11/15 10:54 AM Observation Time: 10:54 AM – 11:43 AM Were Pollutants Observed: Yes (If yes, complete reverse side)	Drainage Location Description	Observation Time	Were Pollutants Observed
	*C-B01-1b	11:10 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	C-B03-2	11:02 A.M.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	C-B05-4	11:04 A.M.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B06-5a	11:18 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	C-B07-6	11:29 A.M.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-7	11:43 A.M.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	C-B08-8	10:56 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	*C-B12-9a	10:54 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	*C-B09-10b	10:50 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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FORM 4 – MONTHLY VISUAL OBSERVATIONS OF  
STORM WATER DISCHARGES**

**SIDE B**

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS  Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
<u>12/12/14</u> <u>7:44</u> ■ AM □ PM	C-B01-1b	Discharge had a white foam.	Possible source from FBO area. No unusual activities identified.	NA
<u>12/12/14</u> <u>8:07</u> ■ AM □ PM	C-B05-4	Discharge was a light yellow color.	No source identified.	NA
<u>12/12/14</u> <u>7:27</u> ■ AM □ PM	C-B07-6	Discharge was cloudy, brown and a petroleum odor was observed.	Potential source is the oil/water separator on site.	NA
<u>1/11/15</u> <u>11:02</u> ■ AM □ PM	C-B03-2	Discharge was yellow and had an oily sheen.	Upstream sources could be interior link road construction project. No construction work was occurring at the time.	NA
<u>1/11/15</u> <u>11:04</u> ■ AM □ PM	C-B05-4	Discharge was a pale yellow color.	Potential source is construction in unpaved area. No construction was occurring at the time.	NA
<u>1/11/15</u> <u>11:29</u> ■ AM □ PM	C-B07-6	Discharge contained suspended solids and had an oily sheen.	Upstream source is ASIG operational area. Leaking vehicles were observed and reported during quarterly inspections.	NA

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STORM WATER DISCHARGES**

**SIDE B**

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS  Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
<u>1/11/15</u> <u>11:43</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	C-B07-7	Discharge was cloudy, brown, and had an oily sheen.	Upstream source is ASIG operational area. Corrective action from ASIG has been requested.	NA
<u>NA / /</u> <u>:</u> <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> <u>:</u> <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> <u>:</u> <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> <u>:</u> <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> <u>:</u> <input type="checkbox"/> AM <input type="checkbox"/> PM				

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ANNUAL REPORT  
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STORM WATER DISCHARGES**

**SIDE A**

<b>Observation Date: February 2015</b>  Observer's Name: Claire Johnson  Title: Amec Foster Wheeler, Consultant  Signature: <i>Claire Johnson</i>  Time Discharge Began: None – no discharge during daylight hours  Observation Time: NA  Were Pollutants Observed: NA	Drainage Location Description	Observation Time	Were Pollutants Observed
	*C-B01-1b	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B03-2	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B05-4	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B06-5a	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-6	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-7	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B08-8	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B12-9a	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B09-10b	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO

<b>Observation Date: March 2015</b>  Observer's Name: Claire Johnson  Title: Amec Foster Wheeler, Consultant  Signature: <i>Claire Johnson</i>  Time Discharge Began: None – no discharge during daylight hours  Observation Time: NA  Were Pollutants Observed: NA (If yes, complete reverse side)	Drainage Location Description	Observation Time	Were Pollutants Observed
	*C-B01-1b	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B03-2	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B05-4	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B06-5a	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-6	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-7	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B08-8	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B12-9a	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B09-10b	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO

**2014 – 2015  
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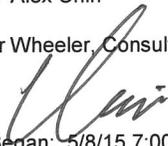
**SIDE B**

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS  Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> : <input type="checkbox"/> AM <input type="checkbox"/> PM				

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STORM WATER DISCHARGES**

**SIDE A**

<b>Observation Date: April 2015</b>  Observer's Name: Claire Johnson  Title: Amec Foster Wheeler, Consultant  Signature:   Time Discharge Began: None – no discharge during daylight hours  Observation Time: NA  Were Pollutants Observed: NA (If yes, complete reverse side)	Drainage Location Description	Observation Time	Were Pollutants Observed
	*C-B01-1b	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B03-2	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B05-4	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B06-5a	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-6	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-7	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B08-8	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B12-9a	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*C-B09-10b	: A.M. / PM	<input type="checkbox"/> YES <input type="checkbox"/> NO

<b>Observation Date: May 8, 2015</b>  Observers Name: Alex Chin  Title: Amec Foster Wheeler, Consultant  Signature:   Time Discharge Began: 5/8/15 7:00 AM  Observation Time: 7:00 AM – 8:30 AM  Were Pollutants Observed: Yes (If yes, complete reverse side)	Drainage Location Description	Observation Time	Were Pollutants Observed
	*C-B01-1b	7:30 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	C-B03-2	8:10 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	C-B05-4	7:00 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	*C-B06-5a	7:40 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	C-B07-6	7:15 A.M.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	C-B07-7	7:00 A.M.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	C-B08-8	7:20 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	*C-B12-9a	7:25 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	*C-B09-10b	8:30 A.M.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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SIDE B

**FORM 4 – MONTHLY VISUAL OBSERVATIONS OF  
STORM WATER DISCHARGES**

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS  Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
<u>5/8/15</u> <u>7:15</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	C-B07-6	Discharge was cloudy and a brown color. A petroleum odor was observed.	Petroleum odor was from oil water separator. Recommend inspecting for maintenance needs.	NA
<u>NA / /</u> <u>: </u> <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> <u>: </u> <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> <u>: </u> <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> <u>: </u> <input type="checkbox"/> AM <input type="checkbox"/> PM				
<u>NA / /</u> <u>: </u> <input type="checkbox"/> AM <input type="checkbox"/> PM				

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**FORM 5 – ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION**  
**POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS**

EVALUATION DATE: Aug/Sept/Oct 2014

INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE:



<p align="center"><b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b></p> <p align="center">ACE (09/30/2014)</p>	<p><b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b></p> <p>Yes</p>	<p>If yes to either question, complete the next two columns of this form.</p>	<p><b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b></p> <ul style="list-style-type: none"> <li>Some fresh oily spots were observed at various parking lots. This was a particular concern at Lot 10, where shuttle service is performed.</li> </ul>	<p><b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b></p> <p>ACE was notified of the deficiency by e-mail.</p> <p>Confirmation that all deficiencies were abated was received on 10/17/2014.</p>
<p align="center"><b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b></p> <p align="center">Air Canada Jazz Airlines (9/16/2014)</p>	<p><b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b></p> <p>Yes</p>	<p>If yes to either question, complete the next two columns of this form.</p>	<p><b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b></p> <ul style="list-style-type: none"> <li>Trash accumulation was found around ramp area.</li> </ul>	<p><b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b></p> <p>Air Canada Jazz Airlines was notified of the deficiency by e-mail.</p> <p>Confirmation that all deficiencies were abated was received on 10/06/2014.</p>
<p align="center"><b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b></p> <p align="center">Alaska Airlines (09/16/2014)</p>	<p><b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b></p> <p>No</p>	<p>If yes to either question, complete the next two columns of this form.</p>	<p><b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b></p>	<p><b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b></p> <p>Alaska Airlines was notified of the completion of the annual comprehensive evaluation by e-mail.</p>

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TITLE: Amec Foster Wheeler, Consultant

SIGNATURE:



<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>Allegiant</b> (09/16/2014)	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  No	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  Allegiant was notified of the completion of the annual comprehensive evaluation by e-mail.
<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No				
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>Allied Aviation</b> (09/05/2014)	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  No	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  Allied Aviation was notified of the completion of the annual comprehensive evaluation by e-mail.
<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No				
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>American Airlines</b> (09/03/2014)	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  Yes	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b> <ul style="list-style-type: none"> <li>• Wood materials treated with weather resistant chemicals should be stored under cover or indoors.</li> <li>• Debris found around outdoors operations.</li> </ul>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  American Airlines was notified of the deficiency by e-mail.  Confirmation that all deficiencies were abated was received on 10/13/2014 and 11/14/2014
<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No				

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TITLE: Amec Foster Wheeler, Consultant

SIGNATURE:



<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p style="text-align: center;"><b>ARFF</b> (09/04/2014)</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p>No</p>	<p>If yes to either question, complete the next two columns of this form.</p>	<p>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</p>	<p>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</p> <p>ARFF was notified of the completion of the annual comprehensive evaluation by e-mail.</p>
<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p>No</p>				
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p style="text-align: center;"><b>ASIG</b> (09/23/2014)</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p>Yes</p>	<p>If yes to either question, complete the next two columns of this form.</p>	<p>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</p> <ul style="list-style-type: none"> <li>• At time of inspection, several vehicles showed signs of leaking fluids and were not contained with drip pans.</li> <li>• Fluids and batteries were not removed from salvage vehicles and equipment.</li> <li>• Obsolete vehicles were awaiting disposal, but showed signs that they have been on site for an extended period of time.</li> <li>• Some material was stored outdoors, and should be protected from storm water contact.</li> <li>• Area near the inoperable vehicles required sweeping.</li> </ul>	<p>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</p> <p>ASIG was notified of the deficiency by e-mail.</p> <p>Confirmation that all deficiencies were abated was received on 11/04/2014 and 11/17/2014..</p>
<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p>No</p>				
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p style="text-align: center;"><b>Bradford</b> (09/05/2014)</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p>Yes</p>	<p>If yes to either question, complete the next two columns of this form.</p>	<p>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</p> <ul style="list-style-type: none"> <li>• Oil leaks observed beneath employee cars within the parking lot.</li> </ul>	<p>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</p> <p>Bradford was notified of the deficiency by e-mail.</p> <p>Confirmation that all deficiencies were abated was received on 10/07/2014.</p>
<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p>No</p>				

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EVALUATION DATE: Aug/Sept/Oct 2014

INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE:



<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>British Airways</b> (09/11/2014)	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  Yes	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>  <ul style="list-style-type: none"> <li>Trash accumulation near baggage carousel area.</li> </ul>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  British Airways was notified of the deficiency by e-mail.  Confirmation that all deficiencies were abated was received on 10/10/2014.
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>Delta Airlines</b> (09/15/2014)	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  Yes	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>  <ul style="list-style-type: none"> <li>Trash and debris was observed at various locations throughout the ramps.</li> </ul>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  Delta Airlines was notified of the deficiency by e-mail.  Confirmation that all deficiencies were abated was received on 10/20/2014.
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>DHL</b> (09/18/2014)	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  No	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>  .	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  DHL was notified of the completion of the annual comprehensive evaluation by e-mail
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>ELS</b> (09/24/2014)	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  Yes	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>  <ul style="list-style-type: none"> <li>Facility requires more frequent sweeping. Trash found in baggage carousel areas.</li> </ul>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  ELS was notified of the deficiency by e-mail.  Confirmation that all deficiencies were abated was received on 10/06/2014.

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INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE:



POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	If yes to either question, complete the next two columns of this form.	DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION	DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION
<b>Envoy</b> (09/08/2014)	Yes <hr/> ARE ADDITIONAL/REVISED BMPs NECESSARY? No			<ul style="list-style-type: none"> <li>Oil stain was observed.</li> </ul>
<b>FedEx</b> (09/05/2014)	Yes <hr/> ARE ADDITIONAL/REVISED BMPs NECESSARY? No			<ul style="list-style-type: none"> <li>Observed sediment and debris accumulation.</li> </ul>
<b>Flagship</b> (09/12/2014)	Yes <hr/> ARE ADDITIONAL/REVISED BMPs NECESSARY? No			<ul style="list-style-type: none"> <li>Some dumpsters have been observed overflowing with trash.</li> <li>Facility required sweeping and cleaning during audit inspection. Previous audits and inspections of Flagship responsibility areas showed that sweeping and cleaning was needed throughout both Terminal 1 and 2.</li> </ul>
<b>Frontier</b> (8/28/2014)	No <hr/> ARE ADDITIONAL/REVISED BMPs NECESSARY? No			

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EVALUATION DATE: Aug/Sept/Oct 2014

INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE:



POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	If yes to either question, complete the next two columns of this form.	DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION	DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION
<p align="center"><b>Hawaiian Airlines</b> (09/15/2014)</p>	No			Hawaiian Airlines was notified of the completion of the annual comprehensive evaluation by e-mail
	<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>			
<p align="center"><b>HFF</b> (9/17/2014)</p>	No	If yes to either question, complete the next two columns of this form.		HFF was notified of the completion of the annual comprehensive evaluation by e-mail
	<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>			
<p align="center"><b>HMS Host</b> (9/17/2014)</p>	No	If yes to either question, complete the next two columns of this form.		HMS Host was notified of the completion of the annual comprehensive evaluation by e-mail
	<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>			
<p align="center"><b>HMS Host</b> (9/17/2014)</p>	No	If yes to either question, complete the next two columns of this form.		HMS Host was notified of the completion of the annual comprehensive evaluation by e-mail
	<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>			

**2014-2015 Annual Report**  
**FORM 5 – ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION**  
**POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS**

EVALUATION DATE: Aug/Sept/Oct 2014

INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE: 

<p align="center"><b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b></p> <p align="center"><b>International Airlines Services (10/10/2014)*</b></p> <p align="center">*Inspection completed after 9/30/2014 because this is a new tenant; all existing tenants inspected prior to 10/1/2014.</p>	<p><b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b></p> <p>Yes</p>	<p>If yes to either question, complete the next two columns of this form.</p>	<p><b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b></p> <ul style="list-style-type: none"> <li>• UPS inoperable equipment is stored uncovered in IAS trailer area. Equipment requires cover and/or proper disposal.</li> <li>• Oily sediment found on East side of trailer. Requires cleanup.</li> </ul>	<p><b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b></p> <p>International Airlines Services was notified of the deficiency during inspection.</p> <p>Confirmation that all deficiencies were abated was received on 10/29/2014.</p>
<p align="center"><b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b></p> <p align="center"><b>Jet Blue (09/12/2014)</b></p>	<p><b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b></p> <p>Yes</p>	<p>If yes to either question, complete the next two columns of this form.</p>	<p><b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b></p> <ul style="list-style-type: none"> <li>• Fluids were observed leaking from the aircraft during site audit and inspection.</li> <li>• Residue was observed in the loading and unloading area near gate 36.</li> </ul>	<p><b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b></p> <p>Jet Blue was notified of the deficiency during inspection.</p> <p>Confirmation that all deficiencies were abated was received on 10/17/2014.</p>
<p align="center"><b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b></p> <p align="center"><b>JAL (9/16/2014)</b></p>	<p><b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b></p> <p>No</p>	<p>If yes to either question, complete the next two columns of this form.</p>	<p><b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b></p>	<p><b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b></p> <p>JAL was notified of the completion of the annual comprehensive evaluation by e-mail</p>
<p><b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b></p> <p>No</p>	<p><b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b></p> <p>No</p>			

**2014-2015 Annual Report**  
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**POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS**

EVALUATION DATE: Aug/Sept/Oct 2014

INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE:



POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	If yes to either question, complete the next two columns of this form.	DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION	DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION
<p align="center"><b>Landmark Aviation</b> (09/10/2014)</p>	<p>No</p>			<p>Landmark was notified of the completion of the annual comprehensive evaluation by e-mail</p>
<p align="center"><b>Mission Yogurt</b> (09/11/2014)</p>	<p>No</p>	<p>If yes to either question, complete the next two columns of this form.</p>		<p>Mission Yogurt was notified of the completion of the annual comprehensive evaluation by e-mail</p>
	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p>No</p>			

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EVALUATION DATE: Aug/Sept/Oct 2014

INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE: 

<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>SDCRAA (09/26/2014)</b>	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  Yes	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>
	<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No		<ul style="list-style-type: none"> <li>• No signs posted on active hose bibs.</li> <li>• Large amount of sediment accumulation near the fence line behind GES maintenance trailer and oil water separator</li> <li>• Accumulated sediment and debris was identified near American/GES maintenance areas</li> <li>• . Oily pole in boneyard is exposed. Required immediate cover and removal</li> <li>• Storm drain near runway generator area requires maintenance of filter fabric appears broken. Storm drains near ARFF building require maintenance due to sediment buildup.</li> <li>• . Boneyard storage area requires sweeping and cleanup. Broken glass and debris found</li> <li>• Rusted equipment in Boneyard storage, Runway Generator Area, and old CAS equipment in Virgin America</li> <li>• Material stockpiles in boneyard area are not covered or contained.3/24/2015.</li> <li>• Cleaner/degreaser concentrate in runway generator area requires a larger spill container and cover or secondary containment. Rusting equipment stored by runway generator area require cover. Boneyard storage area requires cleanup and overhead cover.</li> </ul>	SDCRAA was notified of the deficiency by work order.  Confirmation that all deficiencies were abated was received between 2/6/2015 and 03/24/2015.

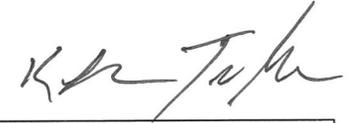
**2014-2015 Annual Report**  
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TITLE: Amec Foster Wheeler, Consultant

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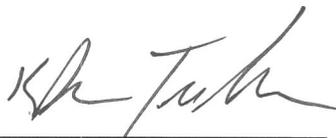
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>SeaPort</b> <b>(09/8/2014)</b>	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  No	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  SeaPort was notified of the completion of the annual comprehensive evaluation by e-mail
<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No				
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>Siemens</b> <b>(08/28/2014)</b>	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  No	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  Siemens was notified of the completion of the annual comprehensive evaluation by e-mail
<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No				
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>Sky West</b> <b>(08/8/2014)</b>	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  No	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  Sky West was notified of the completion of the annual comprehensive evaluation by e-mail
<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No				

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EVALUATION DATE: Aug/Sept/Oct 2014

INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE: 

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	If yes to either question, complete the next two columns of this form.	DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION	DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION
<p align="center"><b>Southwest Airlines</b> (09/09/2014)</p>	<p>Yes</p>		<ul style="list-style-type: none"> <li>• Debris was observed in outdoor loading/unloading areas.</li> <li>• Parking lot at the Cargo Building had accumulated sediment and debris.</li> <li>• Tires, batteries, and exposed equipment parts observed in GES's leased area need cover.</li> <li>• Leaked fluids were observed at all operational gates, underneath aircraft engines.</li> <li>• Potable water is flushed from the hose in the path of storm drains, but is directed away from the drain. There was a large amount of water from the crews over filling the potable water tank at gate 4. Water was not reaching the storm drain at time of the audit, but these areas should be swept regularly to reduce the potential for pollutants reaching the storm drain in situations such as the one observed.</li> <li>• Small-size trash and debris was observed throughout the operational gate areas.</li> <li>• Increase frequency of sweeping due to high volume of traffic at gate..</li> </ul>	<p>Southwest was notified of the deficiency by e-mail.</p> <p>Confirmation that all deficiencies were abated was received on 10/13/2014 and 11/14/2014.</p>
	<p><b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b></p> <p>No</p>			

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EVALUATION DATE: Aug/Sept/Oct 2014

INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE:



POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	If yes to either question, complete the next two columns of this form.	DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION	DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION
<p align="center"><b>Spirit Airlines</b> (08/29/2014)</p>	<p>Yes</p>		<ul style="list-style-type: none"> <li>• Trash observed and minor maintenance issues during outdoor inspection.</li> </ul>	<p>Spirit was notified of the deficiency by e-mail.</p> <p>Confirmation that all deficiencies were abated was received on 10/17/2014.</p>
<p align="center"><b>SSP</b> (09/17/2014)</p>	<p>Yes</p>		<ul style="list-style-type: none"> <li>• Debris is present in loading areas.</li> <li>• Leak was identified on refrigeration unit. Trash also observed around unit.</li> </ul>	<p>SSP was notified of the deficiency by e-mail.</p> <p>Confirmation that all deficiencies were abated was received on 11/8/2014 and 12/15/2014..</p>
<p align="center"><b>Sun County Airlines</b> (09/15/2014)</p>	<p>Yes</p>		<ul style="list-style-type: none"> <li>• Trash and debris was observed at various locations throughout the ramps.</li> </ul>	<p>Sun Country Airlines was notified of the deficiency by e-mail.</p> <p>Confirmation that all deficiencies were abated was received on 10/17/2014..</p>

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EVALUATION DATE: Aug/Sept/Oct 2014

INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE: 

<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>United Airlines</b> (8/26/2014)	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  No	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  United Airlines was notified of the completion of the annual comprehensive evaluation by e-mail
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>UPS</b> (09/04/2014)	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  Yes	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b> <ul style="list-style-type: none"> <li>Pool of water with trash found beneath office air conditioning system.</li> </ul>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  UPS was notified of the deficiency by e-mail.  Confirmation that all deficiencies were abated was received on 10/06/2014
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>US Airways</b> (09/04/2014)	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  Yes	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b> <ul style="list-style-type: none"> <li>Used absorbent was located in spill cart without a date</li> </ul>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  US Airways was notified of the deficiency by e-mail.  Confirmation that all deficiencies were abated was received on 10/06/2014.
<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No	<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No	<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No	<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No	

**2014-2015 Annual Report**  
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**POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS**

EVALUATION DATE: Aug/Sept/Oct 2014

INSPECTOR NAME: TMC/KB

TITLE: Amec Foster Wheeler, Consultant

SIGNATURE:



<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>Virgin America</b> <b>(9/3/2014)</b>	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  No	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  Virgin was notified of the completion of the annual comprehensive evaluation by e-mail
<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No				
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>Volaris</b> <b>(8/29/2014)</b>	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  No	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  Volaris was notified of the completion of the annual comprehensive evaluation by e-mail
<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No				
<b>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</b>  <b>West Jet Airlines</b> <b>(9/16/2014)</b>	<b>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</b>  Yes	If yes to either question, complete the next two columns of this form.	<b>DESCRIBE DEFICIENCIES IN BMPs OR BMP IMPLEMENTATION</b>  <ul style="list-style-type: none"> <li>Trash accumulation was found around ramp area.</li> </ul>	<b>DESCRIBE ADDITIONAL/REVISED BMPs OR CORRECTIVE ACTIONS AND THEIR DATE(S) OF IMPLEMENTATION</b>  West Jet Airlines was notified of the deficiency in person during the inspection.  Confirmation that all deficiencies were abated was received on 10/06/2014.
<b>ARE ADDITIONAL/REVISED BMPs NECESSARY?</b>  No				

## **Attachment 4**

Analytical Data for Storm Events

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03 December 2014

Amanda Archenhold  
AMEC  
9177 Sky Park Court Suite A  
San Diego, CA 92123

RE:San Diego Airport 2014-2015

Work Order No.: 1411005

Attached are the results of the analyses for samples received by the laboratory on 11/01/14 14:00.

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,

A handwritten signature in black ink that reads "Richard K. Forsyth". The signature is written in a cursive style and is positioned above a horizontal line.

Richard K. Forsyth

Laboratory Director

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



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

**Reported:**  
12/03/14 10:55

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-B01-1B-110114	1411005-01	Liquid	11/01/14 03:49	11/01/14 14:00
C-B03-2-110114	1411005-02	Liquid	11/01/14 05:43	11/01/14 14:00
C-B05-4-110114	1411005-03	Liquid	11/01/14 05:29	11/01/14 14:00
C-B06-5A-110114	1411005-04	Liquid	11/01/14 04:10	11/01/14 14:00
C-B06-5A-110114-BLK	1411005-05	Liquid	11/01/14 04:15	11/01/14 14:00
C-B06-5A-110114-DUP	1411005-06	Liquid	11/01/14 04:15	11/01/14 14:00
C-B07-6-110114	1411005-07	Liquid	11/01/14 04:33	11/01/14 14:00
C-B07-7-110114	1411005-08	Liquid	11/01/14 06:10	11/01/14 14:00
C-B08-8-110114	1411005-09	Liquid	11/01/14 03:40	11/01/14 14:00
C-B08-8-110114	1411005-10	Liquid	11/01/14 03:56	11/01/14 14:00
C-B09-10B-110114	1411005-11	Liquid	11/01/14 03:37	11/01/14 14:00
C-B12-9A-110114	1411005-12	Liquid	11/01/14 03:51	11/01/14 14:00
S-B06-12-110114-BLK	1411005-13	Liquid	11/01/14 06:30	11/01/14 14:00
S-B06-12-110114	1411005-14	Liquid	11/01/14 06:15	11/01/14 14:00
S-B06-12-110114	1411005-15	Liquid	11/01/14 06:15	11/01/14 14:00
S-B06-12-110114	1411005-16	Liquid	11/01/14 06:15	11/01/14 14:00
S-B06-12-110114	1411005-17	Liquid	11/01/14 03:45	11/01/14 14:00
S-B-09-3-I-110114	1411005-18	Liquid	11/01/14 09:44	11/01/14 14:00
S-B-09-3-I-110114	1411005-19	Liquid	11/01/14 04:00	11/01/14 14:00
S-B-09-3-E-110114	1411005-20	Liquid	11/01/14 08:36	11/01/14 14:00
S-B-09-3-E-110114	1411005-21	Liquid	11/01/14 04:05	11/01/14 14:00
S-B-09-3-B-110114	1411005-22	Liquid	11/01/14 05:10	11/01/14 14:00
S-B-09-3-B-110114	1411005-23	Liquid	11/01/14 04:53	11/01/14 14:00

*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.*



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/03/14 10:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-110114 (1411005-01) Liquid    Sampled: 11/01/14 03:49    Received: 11/01/14 14:00</b>									
Ammonia as N	0.400	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	17.0	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	89.0	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	141	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	48.2	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	0.120	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.64	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	2.00	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B03-2-110114 (1411005-02) Liquid    Sampled: 11/01/14 05:43    Received: 11/01/14 14:00</b>									
Ammonia as N	10.0	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	190	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	818	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	759	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	162	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	6.20	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	0.230	0.0500	"	"	"	"	"	EPA 425.1	
pH	5.40	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	24.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B05-4-110114 (1411005-03) Liquid    Sampled: 11/01/14 05:29    Received: 11/01/14 14:00</b>									
Ammonia as N	4.65	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	96.0	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	440	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	590	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	166	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	5.60	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	0.280	0.0500	"	"	"	"	"	EPA 425.1	
pH	5.37	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	68.0	1.00	mg/L	"	"	"	"	EPA 160.2	

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Project Manager: Amanda Archenhold

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B06-5A-110114 (1411005-04) Liquid    Sampled: 11/01/14 04:10    Received: 11/01/14 14:00</b>									
Ammonia as N	2.10	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	18.0	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	209	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	229	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	72.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	4.30	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	0.200	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.10	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	51.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B06-5A-110114-BLK (1411005-05) Liquid    Sampled: 11/01/14 04:15    Received: 11/01/14 14:00</b>									
Ammonia as N	ND	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	ND	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	ND	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	2.15	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	ND	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	ND	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.65	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	ND	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B06-5A-110114-DUP (1411005-06) Liquid    Sampled: 11/01/14 04:15    Received: 11/01/14 14:00</b>									
Ammonia as N	1.90	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	14.2	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	163	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	189	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	41.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	4.00	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	0.180	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.08	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	48.0	1.00	mg/L	"	"	"	"	EPA 160.2	

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

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>C-B07-6-110114 (1411005-07) Liquid    Sampled: 11/01/14 04:33    Received: 11/01/14 14:00</b>									
Ammonia as N	4.85	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	58.0	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	360	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	238	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	66.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	2.80	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	0.160	0.0500	"	"	"	"	"	EPA 425.1	
pH	5.84	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	35.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B07-7-110114 (1411005-08) Liquid    Sampled: 11/01/14 06:10    Received: 11/01/14 14:00</b>									
Ammonia as N	6.25	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	67.0	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	439	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	306	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	95.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	4.80	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	0.340	0.0500	"	"	"	"	"	EPA 425.1	
pH	5.06	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	102	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B08-8-110114 (1411005-10) Liquid    Sampled: 11/01/14 03:56    Received: 11/01/14 14:00</b>									
Ammonia as N	1.90	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	27.4	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	149	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	249	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	95.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	0.110	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.09	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	3.00	1.00	mg/L	"	"	"	"	EPA 160.2	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B09-10B-110114 (1411005-11) Liquid    Sampled: 11/01/14 03:37    Received: 11/01/14 14:00</b>									
Ammonia as N	6.70	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	115	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	504	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	453	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	116	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	3.70	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	0.200	0.0500	"	"	"	"	"	EPA 425.1	
pH	5.79	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	60.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B12-9A-110114 (1411005-12) Liquid    Sampled: 11/01/14 03:51    Received: 11/01/14 14:00</b>									
Ammonia as N	1.40	0.100	mg/L	1	B4K0732	11/01/14	11/01/14 14:45	SM 4500-NH3	
Biochemical Oxygen Demand	22.0	2.00	"	"	"	"	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	132	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	410	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	103	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664	
Methylene Blue Active Substances	0.100	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.30	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	5.00	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>S-B06-12-110114-BLK (1411005-13) Liquid    Sampled: 11/01/14 06:30    Received: 11/01/14 14:00</b>									
Biochemical Oxygen Demand	ND	2.00	mg/L	1	B4K0732	11/01/14	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	ND	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	2.36	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	ND	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664	
pH	6.62	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	ND	1.00	mg/L	"	"	"	"	EPA 160.2	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-B06-12-110114 (1411005-14) Liquid Sampled: 11/01/14 06:15 Received: 11/01/14 14:00</b>									
Biochemical Oxygen Demand	16.8	2.00	mg/L	1	B4K0732	11/01/14	11/06/14 14:45	EPA 405.1	
Chemical Oxygen Demand	188	0.100	"	"	"	"	11/01/14 14:45	EPA 410.4	
Specific Conductance (EC)	190	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	59.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664	
pH	6.27	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	3.00	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>S-B-09-3-I-110114 (1411005-18) Liquid Sampled: 11/01/14 09:44 Received: 11/01/14 14:00</b>									
Specific Conductance (EC)	283	0.100	µmhos/cm	1	B4K0732	11/01/14	11/01/14 14:45	EPA 120.1	
Total Hardness	73.0	0.400	mg/L	"	"	"	"	SM 2340 C	
pH	6.26	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	82.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>S-B-09-3-E-110114 (1411005-20) Liquid Sampled: 11/01/14 08:36 Received: 11/01/14 14:00</b>									
Specific Conductance (EC)	294	0.100	µmhos/cm	1	B4K0732	11/01/14	11/01/14 14:45	EPA 120.1	
Total Hardness	73.0	0.400	mg/L	"	"	"	"	SM 2340 C	
pH	6.18	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	88.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>S-B-09-3-B-110114 (1411005-22) Liquid Sampled: 11/01/14 05:10 Received: 11/01/14 14:00</b>									
Specific Conductance (EC)	384	0.100	µmhos/cm	1	B4K0732	11/01/14	11/01/14 14:45	EPA 120.1	
Total Hardness	87.0	0.400	mg/L	"	"	"	"	SM 2340 C	
pH	6.29	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	95.0	1.00	mg/L	"	"	"	"	EPA 160.2	

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**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-110114 (1411005-01) Liquid Sampled: 11/01/14 03:49 Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Aluminum</b>	<b>110</b>	25	"	"	"	"	"	"	"
Arsenic	ND	3.0	"	"	"	"	"	"	"
Cadmium	ND	2.0	"	"	"	"	"	"	"
Chromium	ND	3.0	"	"	"	"	"	"	"
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0365	11/03/14	11/07/14 12:16	EPA 218.6	
<b>Copper</b>	<b>14</b>	1.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Iron</b>	<b>0.12</b>	0.025	mg/L	"	"	"	"	"	"
Mercury	ND	0.00030	"	"	B4K0360	11/03/14	11/04/14 19:25	EPA 245.1	
Nickel	ND	5.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Lead	ND	1.0	"	"	"	"	"	"	"
<b>Zinc</b>	<b>21</b>	1.0	"	"	"	"	"	"	"
<b>C-B03-2-110114 (1411005-02) Liquid Sampled: 11/01/14 05:43 Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Aluminum</b>	<b>660</b>	25	"	"	"	"	"	"	"
Arsenic	ND	3.0	"	"	"	"	"	"	"
Cadmium	ND	2.0	"	"	"	"	"	"	"
Chromium	ND	3.0	"	"	"	"	"	"	"
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0365	11/03/14	11/07/14 12:16	EPA 218.6	
<b>Copper</b>	<b>440</b>	1.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Iron</b>	<b>1.3</b>	0.025	mg/L	"	"	"	"	"	"
Mercury	ND	0.00030	"	"	B4K0360	11/03/14	11/04/14 19:25	EPA 245.1	
<b>Nickel</b>	<b>73</b>	5.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Lead</b>	<b>94</b>	1.0	"	"	"	"	"	"	"
<b>Zinc</b>	<b>750</b>	1.0	"	"	"	"	"	"	"

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**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B05-4-110114 (1411005-03) Liquid Sampled: 11/01/14 05:29 Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Aluminum</b>	<b>540</b>	25	"	"	"	"	"	"	"
Arsenic	ND	3.0	"	"	"	"	"	"	"
Cadmium	ND	2.0	"	"	"	"	"	"	"
Chromium	ND	3.0	"	"	"	"	"	"	"
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0365	11/03/14	11/07/14 12:16	EPA 218.6	
<b>Copper</b>	<b>910</b>	1.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Iron</b>	<b>0.60</b>	0.025	mg/L	"	"	"	"	"	"
Mercury	ND	0.00030	"	"	B4K0360	11/03/14	11/04/14 19:25	EPA 245.1	
<b>Nickel</b>	<b>38</b>	5.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Lead</b>	<b>3.9</b>	1.0	"	"	"	"	"	"	"
<b>Zinc</b>	<b>1800</b>	1.0	"	"	"	"	"	"	"
<b>C-B06-5A-110114 (1411005-04) Liquid Sampled: 11/01/14 04:10 Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Aluminum</b>	<b>310</b>	25	"	"	"	"	"	"	"
Arsenic	ND	3.0	"	"	"	"	"	"	"
Cadmium	ND	2.0	"	"	"	"	"	"	"
Chromium	ND	3.0	"	"	"	"	"	"	"
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0365	11/03/14	11/07/14 12:16	EPA 218.6	
<b>Copper</b>	<b>110</b>	1.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Iron</b>	<b>0.39</b>	0.025	mg/L	"	"	"	"	"	"
Mercury	ND	0.00030	"	"	B4K0360	11/03/14	11/04/14 19:25	EPA 245.1	
<b>Nickel</b>	<b>16</b>	5.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Lead</b>	<b>1.3</b>	1.0	"	"	"	"	"	"	"
<b>Zinc</b>	<b>950</b>	1.0	"	"	"	"	"	"	"

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**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						

**C-B06-5A-110114-BLK (1411005-05) Liquid**    **Sampled: 11/01/14 04:15**    **Received: 11/01/14 14:00**

Silver	ND	1.5	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Aluminum	ND	25	"	"	"	"	"	"	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0365	11/03/14	11/07/14 12:16	EPA 218.6	
Copper	ND	1.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Iron	ND	0.025	mg/L	"	"	"	"	"	
Mercury	ND	0.00030	"	"	B4K0360	11/03/14	11/04/14 19:25	EPA 245.1	
Nickel	ND	5.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Lead	ND	1.0	"	"	"	"	"	"	
Zinc	ND	1.0	"	"	"	"	"	"	

**C-B06-5A-110114-DUP (1411005-06) Liquid**    **Sampled: 11/01/14 04:15**    **Received: 11/01/14 14:00**

Silver	ND	1.5	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Aluminum</b>	<b>270</b>	25	"	"	"	"	"	"	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0365	11/03/14	11/07/14 12:16	EPA 218.6	
<b>Copper</b>	<b>86</b>	1.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Iron</b>	<b>0.32</b>	0.025	mg/L	"	"	"	"	"	
Mercury	ND	0.00030	"	"	B4K0360	11/03/14	11/04/14 19:25	EPA 245.1	
<b>Nickel</b>	<b>10</b>	5.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
<b>Lead</b>	<b>2.5</b>	1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>610</b>	1.0	"	"	"	"	"	"	

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Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

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**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B07-6-110114 (1411005-07) Liquid    Sampled: 11/01/14 04:33    Received: 11/01/14 14:00</b>									
Aluminum	290	25	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Copper	540	1.0	"	"	"	"	"	"	"
Iron	1.4	0.025	mg/L	"	"	"	"	"	"
Lead	6.1	1.0	µg/L	"	"	"	"	"	"
Zinc	1500	1.0	"	"	"	"	"	"	"
<b>C-B07-7-110114 (1411005-08) Liquid    Sampled: 11/01/14 06:10    Received: 11/01/14 14:00</b>									
Aluminum	670	25	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Copper	570	1.0	"	"	"	"	"	"	"
Iron	1.2	0.025	mg/L	"	"	"	"	"	"
Lead	4.9	1.0	µg/L	"	"	"	"	"	"
Zinc	3200	1.0	"	"	"	"	"	"	"
<b>C-B08-8-110114 (1411005-10) Liquid    Sampled: 11/01/14 03:56    Received: 11/01/14 14:00</b>									
Aluminum	ND	25	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Copper	91	1.0	"	"	"	"	"	"	"
Iron	0.040	0.025	mg/L	"	"	"	"	"	"
Lead	ND	1.0	µg/L	"	"	"	"	"	"
Zinc	170	1.0	"	"	"	"	"	"	"
<b>C-B09-10B-110114 (1411005-11) Liquid    Sampled: 11/01/14 03:37    Received: 11/01/14 14:00</b>									
Aluminum	490	25	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Copper	150	1.0	"	"	"	"	"	"	"
Iron	1.1	0.025	mg/L	"	"	"	"	"	"
Lead	2.8	1.0	µg/L	"	"	"	"	"	"
Zinc	1900	1.0	"	"	"	"	"	"	"

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 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
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**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B12-9A-110114 (1411005-12) Liquid Sampled: 11/01/14 03:51 Received: 11/01/14 14:00</b>									
Aluminum	71	25	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Copper	83	1.0	"	"	"	"	"	"	"
Iron	0.19	0.025	mg/L	"	"	"	"	"	"
Lead	ND	1.0	µg/L	"	"	"	"	"	"
Zinc	160	1.0	"	"	"	"	"	"	"
<b>S-B06-12-110114-BLK (1411005-13) Liquid Sampled: 11/01/14 06:30 Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Aluminum	ND	25	"	"	"	"	"	"	"
Arsenic	ND	3.0	"	"	"	"	"	"	"
Cadmium	ND	2.0	"	"	"	"	"	"	"
Chromium	ND	3.0	"	"	"	"	"	"	"
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0365	11/03/14	11/07/14 12:16	EPA 218.6	
Copper	ND	1.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Iron	ND	0.025	mg/L	"	"	"	"	"	"
Mercury	ND	0.00030	"	"	B4K0360	11/03/14	11/04/14 19:25	EPA 245.1	
Nickel	ND	5.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Lead	ND	1.0	"	"	"	"	"	"	"
Zinc	ND	1.0	"	"	"	"	"	"	"
<b>S-B06-12-110114 (1411005-14) Liquid Sampled: 11/01/14 06:15 Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Aluminum	51	25	"	"	"	"	"	"	"
Arsenic	ND	3.0	"	"	"	"	"	"	"
Cadmium	ND	2.0	"	"	"	"	"	"	"
Chromium	ND	3.0	"	"	"	"	"	"	"
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0365	11/03/14	11/07/14 12:16	EPA 218.6	
Copper	62	1.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Iron	0.075	0.025	mg/L	"	"	"	"	"	"
Mercury	ND	0.00030	"	"	B4K0360	11/03/14	11/04/14 19:25	EPA 245.1	
Nickel	ND	5.0	µg/L	"	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Lead	ND	1.0	"	"	"	"	"	"	"
Zinc	220	1.0	"	"	"	"	"	"	"

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**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-B-09-3-I-110114 (1411005-18) Liquid Sampled: 11/01/14 09:44 Received: 11/01/14 14:00</b>									
Aluminum	210	25	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Copper	130	1.0	"	"	"	"	"	"	"
Iron	0.39	0.025	mg/L	"	"	"	"	"	"
Zinc	740	1.0	µg/L	"	"	"	"	"	"
<b>S-B-09-3-E-110114 (1411005-20) Liquid Sampled: 11/01/14 08:36 Received: 11/01/14 14:00</b>									
Aluminum	250	25	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Copper	110	1.0	"	"	"	"	"	"	"
Iron	0.48	0.025	mg/L	"	"	"	"	"	"
Zinc	1000	1.0	µg/L	"	"	"	"	"	"
<b>S-B-09-3-B-110114 (1411005-22) Liquid Sampled: 11/01/14 05:10 Received: 11/01/14 14:00</b>									
Aluminum	240	25	µg/L	1	B4K0368	11/03/14	11/05/14 12:12	EPA 200.8	
Copper	120	1.0	"	"	"	"	"	"	"
Iron	0.51	0.025	mg/L	"	"	"	"	"	"
Zinc	980	1.0	µg/L	"	"	"	"	"	"

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Project Manager: Amanda Archenhold

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-110114 (1411005-01) Liquid    Sampled: 11/01/14 03:49    Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0366	11/03/14	11/05/14 17:07	EPA 218.6	
<b>Copper</b>	<b>13</b>	1.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4K0371	11/03/14	11/04/14 19:23	EPA 245.1	
Nickel	ND	5.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Lead	ND	2.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>20</b>	1.0	"	"	"	"	"	"	
<b>C-B03-2-110114 (1411005-02) Liquid    Sampled: 11/01/14 05:43    Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0366	11/03/14	11/05/14 17:07	EPA 218.6	
<b>Copper</b>	<b>280</b>	1.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4K0371	11/03/14	11/04/14 19:23	EPA 245.1	
<b>Nickel</b>	<b>48</b>	5.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
<b>Lead</b>	<b>55</b>	2.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>450</b>	1.0	"	"	"	"	"	"	
<b>C-B05-4-110114 (1411005-03) Liquid    Sampled: 11/01/14 05:29    Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0366	11/03/14	11/05/14 17:07	EPA 218.6	
<b>Copper</b>	<b>610</b>	1.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4K0371	11/03/14	11/04/14 19:23	EPA 245.1	
<b>Nickel</b>	<b>26</b>	5.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Lead	ND	2.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>1300</b>	1.0	"	"	"	"	"	"	

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Project Manager: Amanda Archenhold

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B06-5A-110114 (1411005-04) Liquid    Sampled: 11/01/14 04:10    Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0366	11/03/14	11/05/14 17:07	EPA 218.6	
<b>Copper</b>	<b>100</b>	1.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4K0371	11/03/14	11/04/14 19:23	EPA 245.1	
<b>Nickel</b>	<b>12</b>	5.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Lead	ND	2.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>660</b>	1.0	"	"	"	"	"	"	
<b>C-B06-5A-110114-BLK (1411005-05) Liquid    Sampled: 11/01/14 04:15    Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0366	11/03/14	11/05/14 17:07	EPA 218.6	
Copper	ND	1.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4K0371	11/03/14	11/04/14 19:23	EPA 245.1	
Nickel	ND	5.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Lead	ND	2.0	"	"	"	"	"	"	
Zinc	ND	1.0	"	"	"	"	"	"	
<b>C-B06-5A-110114-DUP (1411005-06) Liquid    Sampled: 11/01/14 04:15    Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0366	11/03/14	11/05/14 17:07	EPA 218.6	
<b>Copper</b>	<b>54</b>	1.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4K0371	11/03/14	11/04/14 19:23	EPA 245.1	
<b>Nickel</b>	<b>6.5</b>	5.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Lead	ND	2.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>370</b>	1.0	"	"	"	"	"	"	

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Reported:  
 12/03/14 10:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B07-6-110114 (1411005-07) Liquid Sampled: 11/01/14 04:33 Received: 11/01/14 14:00</b>									
Copper	310	1.0	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Zinc	1000	1.0	"	"	"	"	"	"	
<b>C-B07-7-110114 (1411005-08) Liquid Sampled: 11/01/14 06:10 Received: 11/01/14 14:00</b>									
Copper	350	1.0	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Zinc	2000	1.0	"	"	"	"	"	"	
<b>C-B08-8-110114 (1411005-10) Liquid Sampled: 11/01/14 03:56 Received: 11/01/14 14:00</b>									
Copper	63	1.0	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Zinc	170	1.0	"	"	"	"	"	"	
<b>C-B09-10B-110114 (1411005-11) Liquid Sampled: 11/01/14 03:37 Received: 11/01/14 14:00</b>									
Copper	88	1.0	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Zinc	1200	1.0	"	"	"	"	"	"	
<b>C-B12-9A-110114 (1411005-12) Liquid Sampled: 11/01/14 03:51 Received: 11/01/14 14:00</b>									
Copper	38	1.0	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Zinc	150	1.0	"	"	"	"	"	"	
<b>S-B06-12-110114 (1411005-14) Liquid Sampled: 11/01/14 06:15 Received: 11/01/14 14:00</b>									
Silver	ND	1.5	µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4K0366	11/03/14	11/05/14 17:07	EPA 218.6	
Copper	35	1.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4K0371	11/03/14	11/04/14 19:23	EPA 245.1	
Nickel	ND	5.0	µg/L	"	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Lead	ND	2.0	"	"	"	"	"	"	
Zinc	130	1.0	"	"	"	"	"	"	

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 12/03/14 10:55

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

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>S-B-09-3-I-110114 (1411005-18) Liquid    Sampled: 11/01/14 09:44    Received: 11/01/14 14:00</b>										
Copper	<b>78</b>	1.0		µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Zinc	<b>430</b>	1.0		"	"	"	"	"	"	
<b>S-B-09-3-E-110114 (1411005-20) Liquid    Sampled: 11/01/14 08:36    Received: 11/01/14 14:00</b>										
Copper	<b>80</b>	1.0		µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Zinc	<b>710</b>	1.0		"	"	"	"	"	"	
<b>S-B-09-3-B-110114 (1411005-22) Liquid    Sampled: 11/01/14 05:10    Received: 11/01/14 14:00</b>										
Copper	<b>83</b>	1.0		µg/L	1	B4K0367	11/03/14	11/05/14 11:41	EPA 200.8	
Zinc	<b>650</b>	1.0		"	"	"	"	"	"	

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 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/03/14 10:55

**Trivalent Chromium by Calculation**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-110114 (1411005-01) Liquid Sampled: 11/01/14 03:49 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0369	11/03/14	11/07/14 12:20	Calculation	
<b>C-B03-2-110114 (1411005-02) Liquid Sampled: 11/01/14 05:43 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0369	11/03/14	11/07/14 12:20	Calculation	
<b>C-B05-4-110114 (1411005-03) Liquid Sampled: 11/01/14 05:29 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0369	11/03/14	11/07/14 12:20	Calculation	
<b>C-B06-5A-110114 (1411005-04) Liquid Sampled: 11/01/14 04:10 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0369	11/03/14	11/07/14 12:20	Calculation	
<b>C-B06-5A-110114-BLK (1411005-05) Liquid Sampled: 11/01/14 04:15 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0369	11/03/14	11/07/14 12:20	Calculation	
<b>C-B06-5A-110114-DUP (1411005-06) Liquid Sampled: 11/01/14 04:15 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0369	11/03/14	11/07/14 12:20	Calculation	
<b>S-B06-12-110114-BLK (1411005-13) Liquid Sampled: 11/01/14 06:30 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0369	11/03/14	11/07/14 12:20	Calculation	
<b>S-B06-12-110114 (1411005-14) Liquid Sampled: 11/01/14 06:15 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0369	11/03/14	11/07/14 12:20	Calculation	

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

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 12/03/14 10:55

**Trivalent Chromium by Calculation (Dissolved)**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-110114 (1411005-01) Liquid Sampled: 11/01/14 03:49 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0370	11/03/14	11/05/14 17:08	Calculation	
<b>C-B03-2-110114 (1411005-02) Liquid Sampled: 11/01/14 05:43 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0370	11/03/14	11/05/14 17:08	Calculation	
<b>C-B05-4-110114 (1411005-03) Liquid Sampled: 11/01/14 05:29 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0370	11/03/14	11/05/14 17:08	Calculation	
<b>C-B06-5A-110114 (1411005-04) Liquid Sampled: 11/01/14 04:10 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0370	11/03/14	11/05/14 17:08	Calculation	
<b>C-B06-5A-110114-BLK (1411005-05) Liquid Sampled: 11/01/14 04:15 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0370	11/03/14	11/05/14 17:08	Calculation	
<b>C-B06-5A-110114-DUP (1411005-06) Liquid Sampled: 11/01/14 04:15 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0370	11/03/14	11/05/14 17:08	Calculation	
<b>S-B06-12-110114 (1411005-14) Liquid Sampled: 11/01/14 06:15 Received: 11/01/14 14:00</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4K0370	11/03/14	11/05/14 17:08	Calculation	

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/03/14 10:55

**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-110114 (1411005-01) Liquid Sampled: 11/01/14 03:49 Received: 11/01/14 14:00</b>									
Aldrin	ND	0.075	µg/L	1	B4K0834	11/07/14	11/07/14 22:40	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	"
HCH-beta	ND	0.050	"	"	"	"	"	"	"
HCH-delta	ND	0.10	"	"	"	"	"	"	"
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	"
Chlordane	ND	0.050	"	"	"	"	"	"	"
4,4'-DDD	ND	0.010	"	"	"	"	"	"	"
4,4'-DDE	ND	0.010	"	"	"	"	"	"	"
4,4'-DDT	ND	0.010	"	"	"	"	"	"	"
Dieldrin	ND	0.020	"	"	"	"	"	"	"
Endosulfan I	ND	0.020	"	"	"	"	"	"	"
Endosulfan II	ND	0.050	"	"	"	"	"	"	"
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	"
Endrin	ND	0.10	"	"	"	"	"	"	"
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	"
Heptachlor	ND	0.010	"	"	"	"	"	"	"
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	"
Toxaphene	ND	1.0	"	"	"	"	"	"	"
PCB-1016	ND	0.50	"	"	"	"	"	"	"
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl		123 %	42-147	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		60.4 %	42-147	"	"	"	"	"	"

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/03/14 10:55

**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B03-2-110114 (1411005-02) Liquid Sampled: 11/01/14 05:43 Received: 11/01/14 14:00</b>									
Aldrin	ND	0.075	µg/L	1	B4K0834	11/07/14	11/07/14 23:17	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	"
HCH-beta	ND	0.050	"	"	"	"	"	"	"
HCH-delta	ND	0.10	"	"	"	"	"	"	"
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	"
Chlordane	ND	0.050	"	"	"	"	"	"	"
4,4'-DDD	ND	0.010	"	"	"	"	"	"	"
4,4'-DDE	ND	0.010	"	"	"	"	"	"	"
4,4'-DDT	ND	0.010	"	"	"	"	"	"	"
Dieldrin	ND	0.020	"	"	"	"	"	"	"
Endosulfan I	ND	0.020	"	"	"	"	"	"	"
Endosulfan II	ND	0.050	"	"	"	"	"	"	"
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	"
Endrin	ND	0.10	"	"	"	"	"	"	"
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	"
Heptachlor	ND	0.010	"	"	"	"	"	"	"
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	"
Toxaphene	ND	1.0	"	"	"	"	"	"	"
PCB-1016	ND	0.50	"	"	"	"	"	"	"
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl		136 %	42-147	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		76.0 %	42-147	"	"	"	"	"	"

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/03/14 10:55

**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B05-4-110114 (1411005-03) Liquid Sampled: 11/01/14 05:29 Received: 11/01/14 14:00</b>									
Aldrin	ND	0.075	µg/L	1	B4K0834	11/07/14	11/07/14 23:54	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	"
HCH-beta	ND	0.050	"	"	"	"	"	"	"
HCH-delta	ND	0.10	"	"	"	"	"	"	"
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	"
Chlordane	ND	0.050	"	"	"	"	"	"	"
4,4'-DDD	ND	0.010	"	"	"	"	"	"	"
4,4'-DDE	ND	0.010	"	"	"	"	"	"	"
4,4'-DDT	ND	0.010	"	"	"	"	"	"	"
Dieldrin	ND	0.020	"	"	"	"	"	"	"
Endosulfan I	ND	0.020	"	"	"	"	"	"	"
Endosulfan II	ND	0.050	"	"	"	"	"	"	"
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	"
Endrin	ND	0.10	"	"	"	"	"	"	"
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	"
Heptachlor	ND	0.010	"	"	"	"	"	"	"
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	"
Toxaphene	ND	1.0	"	"	"	"	"	"	"
PCB-1016	ND	0.50	"	"	"	"	"	"	"
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl		124 %	42-147	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		79.6 %	42-147	"	"	"	"	"	"

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/03/14 10:55

**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B06-5A-110114 (1411005-04) Liquid    Sampled: 11/01/14 04:10    Received: 11/01/14 14:00</b>									
Aldrin	ND	0.075	µg/L	1	B4K0834	11/07/14	11/08/14 00:30	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	
HCH-beta	ND	0.050	"	"	"	"	"	"	
HCH-delta	ND	0.10	"	"	"	"	"	"	
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	
Chlordane	ND	0.050	"	"	"	"	"	"	
4,4'-DDD	ND	0.010	"	"	"	"	"	"	
4,4'-DDE	ND	0.010	"	"	"	"	"	"	
4,4'-DDT	ND	0.010	"	"	"	"	"	"	
Dieldrin	ND	0.020	"	"	"	"	"	"	
Endosulfan I	ND	0.020	"	"	"	"	"	"	
Endosulfan II	ND	0.050	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	
Endrin	ND	0.10	"	"	"	"	"	"	
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	
Heptachlor	ND	0.010	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	
Toxaphene	ND	1.0	"	"	"	"	"	"	
PCB-1016	ND	0.50	"	"	"	"	"	"	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		117 %	42-147	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		42.4 %	42-147	"	"	"	"	"	

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Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/03/14 10:55

**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B06-5A-110114-BLK (1411005-05) Liquid Sampled: 11/01/14 04:15 Received: 11/01/14 14:00</b>									
Aldrin	ND	0.075	µg/L	1	B4K0834	11/07/14	11/08/14 01:07	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	"
HCH-beta	ND	0.050	"	"	"	"	"	"	"
HCH-delta	ND	0.10	"	"	"	"	"	"	"
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	"
Chlordane	ND	0.050	"	"	"	"	"	"	"
4,4'-DDD	ND	0.010	"	"	"	"	"	"	"
4,4'-DDE	ND	0.010	"	"	"	"	"	"	"
4,4'-DDT	ND	0.010	"	"	"	"	"	"	"
Dieldrin	ND	0.020	"	"	"	"	"	"	"
Endosulfan I	ND	0.020	"	"	"	"	"	"	"
Endosulfan II	ND	0.050	"	"	"	"	"	"	"
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	"
Endrin	ND	0.10	"	"	"	"	"	"	"
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	"
Heptachlor	ND	0.010	"	"	"	"	"	"	"
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	"
Toxaphene	ND	1.0	"	"	"	"	"	"	"
PCB-1016	ND	0.50	"	"	"	"	"	"	"
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl		116 %	42-147	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		68.0 %	42-147	"	"	"	"	"	"

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Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/03/14 10:55

**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B06-5A-110114-DUP (1411005-06) Liquid Sampled: 11/01/14 04:15 Received: 11/01/14 14:00</b>									
Aldrin	ND	0.075	µg/L	1	B4K0834	11/07/14	11/08/14 01:44	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	"
HCH-beta	ND	0.050	"	"	"	"	"	"	"
HCH-delta	ND	0.10	"	"	"	"	"	"	"
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	"
Chlordane	ND	0.050	"	"	"	"	"	"	"
4,4'-DDD	ND	0.010	"	"	"	"	"	"	"
4,4'-DDE	ND	0.010	"	"	"	"	"	"	"
4,4'-DDT	ND	0.010	"	"	"	"	"	"	"
Dieldrin	ND	0.020	"	"	"	"	"	"	"
Endosulfan I	ND	0.020	"	"	"	"	"	"	"
Endosulfan II	ND	0.050	"	"	"	"	"	"	"
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	"
Endrin	ND	0.10	"	"	"	"	"	"	"
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	"
Heptachlor	ND	0.010	"	"	"	"	"	"	"
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	"
Toxaphene	ND	1.0	"	"	"	"	"	"	"
PCB-1016	ND	0.50	"	"	"	"	"	"	"
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl		131 %	42-147	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		59.2 %	42-147	"	"	"	"	"	"

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/03/14 10:55

**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B07-6-110114 (1411005-07) Liquid Sampled: 11/01/14 04:33 Received: 11/01/14 14:00</b>									
PCB-1016	ND	0.50	µg/L	1	B4K0834	11/07/14	11/08/14 02:20	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		82.8 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		71.2 %	42-147	"	"	"	"	"	
<b>C-B07-7-110114 (1411005-08) Liquid Sampled: 11/01/14 06:10 Received: 11/01/14 14:00</b>									
PCB-1016	ND	0.50	µg/L	1	B4K0834	11/07/14	11/08/14 02:57	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		111 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		44.8 %	42-147	"	"	"	"	"	
<b>C-B08-8-110114 (1411005-10) Liquid Sampled: 11/01/14 03:56 Received: 11/01/14 14:00</b>									
PCB-1016	ND	0.50	µg/L	1	B4K0834	11/07/14	11/08/14 03:34	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		132 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		72.0 %	42-147	"	"	"	"	"	

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B09-10B-110114 (1411005-11) Liquid Sampled: 11/01/14 03:37 Received: 11/01/14 14:00</b>									
PCB-1016	ND	0.50	µg/L	1	B4K0834	11/07/14	11/08/14 04:11	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		124 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		62.8 %	42-147	"	"	"	"	"	
<b>C-B12-9A-110114 (1411005-12) Liquid Sampled: 11/01/14 03:51 Received: 11/01/14 14:00</b>									
PCB-1016	ND	0.50	µg/L	1	B4K0834	11/07/14	11/08/14 04:47	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		127 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		86.8 %	42-147	"	"	"	"	"	
<b>S-B06-12-110114 (1411005-15) Liquid Sampled: 11/01/14 06:15 Received: 11/01/14 14:00</b>									
Aldrin	ND	0.075	µg/L	1	B4K0834	11/07/14	11/08/14 05:24	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	
HCH-beta	ND	0.050	"	"	"	"	"	"	
HCH-delta	ND	0.10	"	"	"	"	"	"	
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	
Chlordane	ND	0.050	"	"	"	"	"	"	
4,4'-DDD	ND	0.010	"	"	"	"	"	"	
4,4'-DDE	ND	0.010	"	"	"	"	"	"	
4,4'-DDT	ND	0.010	"	"	"	"	"	"	
Dieldrin	ND	0.020	"	"	"	"	"	"	
Endosulfan I	ND	0.020	"	"	"	"	"	"	
Endosulfan II	ND	0.050	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	
Endrin	ND	0.10	"	"	"	"	"	"	
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	
Heptachlor	ND	0.010	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	
Toxaphene	ND	1.0	"	"	"	"	"	"	
PCB-1016	ND	0.50	"	"	"	"	"	"	

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-B06-12-110114 (1411005-15) Liquid Sampled: 11/01/14 06:15 Received: 11/01/14 14:00</b>									
PCB-1221	ND	0.50	µg/L	1	B4K0834	11/07/14	11/08/14 05:24	EPA 608	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		79.6 %	42-147		"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		76.4 %	42-147		"	"	"	"	
<b>S-B-09-3-I-110114 (1411005-19) Liquid Sampled: 11/01/14 04:00 Received: 11/01/14 14:00</b>									
PCB-1016	ND	0.50	µg/L	1	B4K0834	11/07/14	11/08/14 06:01	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		130 %	42-147		"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		45.6 %	42-147		"	"	"	"	
<b>S-B-09-3-E-110114 (1411005-21) Liquid Sampled: 11/01/14 04:05 Received: 11/01/14 14:00</b>									
PCB-1016	ND	0.50	µg/L	1	B4K0834	11/07/14	11/08/14 06:37	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		106 %	42-147		"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		51.6 %	42-147		"	"	"	"	

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-B-09-3-B-110114 (1411005-23) Liquid Sampled: 11/01/14 04:53 Received: 11/01/14 14:00</b>									
PCB-1016	ND	0.50	µg/L	1	B4K0834	11/07/14	11/08/14 07:14	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl		110 %	42-147		"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		43.2 %	42-147		"	"	"	"	"

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**Organics by GC-FID**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>C-B08-8-110114 (1411005-09) Liquid    Sampled: 11/01/14 03:40    Received: 11/01/14 14:00</b>									
Ethylene glycol	ND	5.0	mg/L	1	B4K1158	11/11/14	11/11/14 13:58	EPA 8015B	
Propylene glycol	ND	1.0	"	"	"	"	"	"	"
<b>S-B06-12-110114 (1411005-17) Liquid    Sampled: 11/01/14 03:45    Received: 11/01/14 14:00</b>									
Ethylene glycol	ND	5.0	mg/L	1	B4K1158	11/11/14	11/11/14 13:58	EPA 8015B	
Propylene glycol	ND	1.0	"	"	"	"	"	"	"

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**Total Petroleum Hydrocarbons (TPH) by GC/FID**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-110114 (1411005-01) Liquid    Sampled: 11/01/14 03:49    Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 16:09	EPA 8015B	
Surrogate: o-Terphenyl		89.2 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		89.2 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		89.2 %	60-175		"	"	"	"	
<b>C-B03-2-110114 (1411005-02) Liquid    Sampled: 11/01/14 05:43    Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 16:20	EPA 8015B	
Surrogate: o-Terphenyl		70.4 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		70.4 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		70.4 %	60-175		"	"	"	"	
<b>C-B05-4-110114 (1411005-03) Liquid    Sampled: 11/01/14 05:29    Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 16:32	EPA 8015B	D-42
Surrogate: o-Terphenyl		99.6 %	60-175		"	"	"	"	
Jet-A	<b>0.20</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		99.6 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	<b>0.26</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		99.6 %	60-175		"	"	"	"	
<b>C-B06-5A-110114 (1411005-04) Liquid    Sampled: 11/01/14 04:10    Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 16:43	EPA 8015B	
Surrogate: o-Terphenyl		74.0 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		74.0 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		74.0 %	60-175		"	"	"	"	

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Reported:  
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**Total Petroleum Hydrocarbons (TPH) by GC/FID**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B06-5A-110114-BLK (1411005-05) Liquid</b> <b>Sampled: 11/01/14 04:15</b> <b>Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 16:55	EPA 8015B	
Surrogate: o-Terphenyl		95.2 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		95.2 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		95.2 %	60-175		"	"	"	"	
<b>C-B06-5A-110114-DUP (1411005-06) Liquid</b> <b>Sampled: 11/01/14 04:15</b> <b>Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 17:07	EPA 8015B	
Surrogate: o-Terphenyl		88.0 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		88.0 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		88.0 %	60-175		"	"	"	"	
<b>C-B07-6-110114 (1411005-07) Liquid</b> <b>Sampled: 11/01/14 04:33</b> <b>Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 17:18	EPA 8015B	D-42
Surrogate: o-Terphenyl		94.4 %	60-175		"	"	"	"	
Jet-A	<b>0.26</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		94.4 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	<b>0.33</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		94.4 %	60-175		"	"	"	"	
<b>C-B07-7-110114 (1411005-08) Liquid</b> <b>Sampled: 11/01/14 06:10</b> <b>Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 17:30	EPA 8015B	D-42
Surrogate: o-Terphenyl		95.6 %	60-175		"	"	"	"	
Jet-A	<b>0.25</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		95.6 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	<b>0.22</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		95.6 %	60-175		"	"	"	"	

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**Total Petroleum Hydrocarbons (TPH) by GC/FID**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B08-8-110114 (1411005-10) Liquid Sampled: 11/01/14 03:56 Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 17:42	EPA 8015B	
Surrogate: o-Terphenyl		83.2 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		83.2 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		83.2 %	60-175		"	"	"	"	
<b>C-B09-10B-110114 (1411005-11) Liquid Sampled: 11/01/14 03:37 Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 17:53	EPA 8015B	D-42
Surrogate: o-Terphenyl		73.2 %	60-175		"	"	"	"	
Jet-A	<b>0.18</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		73.2 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	<b>0.23</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		73.2 %	60-175		"	"	"	"	
<b>C-B12-9A-110114 (1411005-12) Liquid Sampled: 11/01/14 03:51 Received: 11/01/14 14:00</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4K0703	11/06/14	11/07/14 18:05	EPA 8015B	
Surrogate: o-Terphenyl		97.2 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		97.2 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		97.2 %	60-175		"	"	"	"	

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Project Number: [none]  
Project Manager: Amanda Archenhold

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12/03/14 10:55

**Polynuclear Aromatic Compounds by EPA Method 8310**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**C-B01-1B-110114 (1411005-01) Liquid Sampled: 11/01/14 03:49 Received: 11/01/14 14:00**

Naphthalene	ND	0.500	µg/L	1	B4K1034	11/07/14	11/10/14 10:23	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 115 % 30-115 " " " "

**C-B03-2-110114 (1411005-02) Liquid Sampled: 11/01/14 05:43 Received: 11/01/14 14:00**

Naphthalene	ND	0.500	µg/L	1	B4K1034	11/07/14	11/10/14 10:23	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 96.4 % 30-115 " " " "

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Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/03/14 10:55

**Polynuclear Aromatic Compounds by EPA Method 8310**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**C-B05-4-110114 (1411005-03) Liquid Sampled: 11/01/14 05:29 Received: 11/01/14 14:00**

Naphthalene	ND	0.500	µg/L	1	B4K1034	11/07/14	11/10/14 10:23	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	
Acenaphthene	ND	1.00	"	"	"	"	"	"	
Fluorene	ND	0.100	"	"	"	"	"	"	
Phenanthrene	ND	0.100	"	"	"	"	"	"	
Anthracene	ND	0.0500	"	"	"	"	"	"	
Fluoranthene	ND	0.100	"	"	"	"	"	"	
Pyrene	ND	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	
Chrysene	ND	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	

Surrogate: Decafluorobiphenyl 44.0 % 30-115 " " " "

**C-B06-5A-110114 (1411005-04) Liquid Sampled: 11/01/14 04:10 Received: 11/01/14 14:00**

Naphthalene	ND	0.500	µg/L	1	B4K1034	11/07/14	11/10/14 10:23	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	
Acenaphthene	ND	1.00	"	"	"	"	"	"	
Fluorene	ND	0.100	"	"	"	"	"	"	
Phenanthrene	ND	0.100	"	"	"	"	"	"	
Anthracene	ND	0.0500	"	"	"	"	"	"	
Fluoranthene	ND	0.100	"	"	"	"	"	"	
Pyrene	ND	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	
Chrysene	ND	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	

Surrogate: Decafluorobiphenyl 76.8 % 30-115 " " " "

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**Polynuclear Aromatic Compounds by EPA Method 8310**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**C-B06-5A-110114-BLK (1411005-05) Liquid Sampled: 11/01/14 04:15 Received: 11/01/14 14:00**

Naphthalene	ND	0.500	µg/L	1	B4K1034	11/07/14	11/10/14 10:23	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 108 % 30-115 " " " "

**C-B06-5A-110114-DUP (1411005-06) Liquid Sampled: 11/01/14 04:15 Received: 11/01/14 14:00**

Naphthalene	ND	0.500	µg/L	1	B4K1034	11/07/14	11/10/14 10:23	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 38.0 % 30-115 " " " "

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**Polynuclear Aromatic Compounds by EPA Method 8310**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**S-B06-12-110114 (1411005-15) Liquid Sampled: 11/01/14 06:15 Received: 11/01/14 14:00**

Naphthalene	ND	0.500	µg/L	1	B4K1034	11/07/14	11/10/14 10:23	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 82.8 % 30-115 " " " "

**S-B-09-3-I-110114 (1411005-19) Liquid Sampled: 11/01/14 04:00 Received: 11/01/14 14:00**

Naphthalene	ND	0.500	µg/L	1	B4K1034	11/07/14	11/10/14 10:23	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 107 % 30-115 " " " "

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**Polynuclear Aromatic Compounds by EPA Method 8310**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**S-B-09-3-E-110114 (1411005-21) Liquid Sampled: 11/01/14 04:05 Received: 11/01/14 14:00**

Naphthalene	ND	0.500	µg/L	1	B4K1034	11/07/14	11/10/14 10:23	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 32.2 % 30-115 " " " "

**S-B-09-3-B-110114 (1411005-23) Liquid Sampled: 11/01/14 04:53 Received: 11/01/14 14:00**

Naphthalene	ND	0.500	µg/L	1	B4K1034	11/07/14	11/10/14 10:23	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 92.6 % 30-115 " " " "

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Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/03/14 10:55

**Metals by EPA 200 Series Methods - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0360 - EPA 200 Series**

<b>Blank (B4K0360-BLK1)</b>				Prepared: 11/03/14 Analyzed: 11/04/14						
Mercury	ND	0.00030	mg/L							
<b>Blank (B4K0360-BLK2)</b>				Prepared: 11/03/14 Analyzed: 11/04/14						
Mercury	ND	0.00030	mg/L							
<b>LCS (B4K0360-BS1)</b>				Prepared: 11/03/14 Analyzed: 11/04/14						
Mercury	0.00098	0.00030	mg/L	0.00100		98.0	75-125			
<b>LCS (B4K0360-BS2)</b>				Prepared: 11/03/14 Analyzed: 11/04/14						
Mercury	0.00098	0.00030	mg/L	0.00100		98.0	75-125			
<b>Matrix Spike (B4K0360-MS1)</b>		<b>Source: 1411001-04</b>		Prepared: 11/03/14 Analyzed: 11/04/14						
Mercury	0.00092	0.00030	mg/L	0.00100	0.00008	84.0	75-125			
<b>Matrix Spike (B4K0360-MS2)</b>		<b>Source: 1411005-13</b>		Prepared: 11/03/14 Analyzed: 11/04/14						
Mercury	0.00088	0.00030	mg/L	0.00100	ND	88.0	75-125			
<b>Matrix Spike Dup (B4K0360-MSD1)</b>		<b>Source: 1411001-04</b>		Prepared: 11/03/14 Analyzed: 11/04/14						
Mercury	0.00093	0.00030	mg/L	0.00100	0.00008	85.0	75-125	1.08	20	
<b>Matrix Spike Dup (B4K0360-MSD2)</b>		<b>Source: 1411005-13</b>		Prepared: 11/03/14 Analyzed: 11/04/14						
Mercury	0.00100	0.00030	mg/L	0.00100	ND	100	75-125	12.8	20	
<b>Batch B4K0365 - EPA 200 Series</b>										
<b>Blank (B4K0365-BLK1)</b>				Prepared: 11/03/14 Analyzed: 11/07/14						
Hexavalent Chromium	ND	0.0020	mg/L							

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**Metals by EPA 200 Series Methods - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0365 - EPA 200 Series**

<b>Blank (B4K0365-BLK2)</b>										
Prepared: 11/03/14 Analyzed: 11/07/14										
Hexavalent Chromium	ND	0.0020	mg/L							
<b>LCS (B4K0365-BS1)</b>										
Prepared: 11/03/14 Analyzed: 11/07/14										
Hexavalent Chromium	0.00304	0.0020	mg/L	0.00300		101	85-115			
<b>LCS (B4K0365-BS2)</b>										
Prepared: 11/03/14 Analyzed: 11/07/14										
Hexavalent Chromium	0.00296	0.0020	mg/L	0.00300		98.7	85-115			
<b>Matrix Spike (B4K0365-MS1)</b>										
Source: 1411001-04 Prepared: 11/03/14 Analyzed: 11/07/14										
Hexavalent Chromium	0.00291	0.0020	mg/L	0.00300	ND	97.0	80-120			
<b>Matrix Spike (B4K0365-MS2)</b>										
Source: 1411005-13 Prepared: 11/03/14 Analyzed: 11/07/14										
Hexavalent Chromium	0.00304	0.0020	mg/L	0.00300	ND	101	80-120			
<b>Matrix Spike Dup (B4K0365-MSD1)</b>										
Source: 1411001-04 Prepared: 11/03/14 Analyzed: 11/07/14										
Hexavalent Chromium	0.00285	0.0020	mg/L	0.00300	ND	95.0	80-120	2.08	20	
<b>Matrix Spike Dup (B4K0365-MSD2)</b>										
Source: 1411005-13 Prepared: 11/03/14 Analyzed: 11/07/14										
Hexavalent Chromium	0.00308	0.0020	mg/L	0.00300	ND	103	80-120	1.31	20	

**Batch B4K0368 - EPA 200 Series**

<b>Blank (B4K0368-BLK1)</b>										
Prepared: 11/03/14 Analyzed: 11/05/14										
Aluminum	ND	25	µg/L							
Arsenic	ND	3.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	3.0	"							
Copper	ND	1.0	"							
Iron	ND	0.025	mg/L							
Lead	ND	1.0	µg/L							
Nickel	ND	5.0	"							
Silver	ND	1.5	"							
Zinc	ND	1.0	"							

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**Metals by EPA 200 Series Methods - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0368 - EPA 200 Series**

**Blank (B4K0368-BLK2)**

Prepared: 11/03/14 Analyzed: 11/05/14

Aluminum	ND	25	µg/L							
Arsenic	ND	3.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	3.0	"							
Copper	ND	1.0	"							
Iron	ND	0.025	mg/L							
Lead	ND	1.0	µg/L							
Nickel	ND	5.0	"							
Silver	ND	1.5	"							
Zinc	ND	1.0	"							

**LCS (B4K0368-BS1)**

Prepared: 11/03/14 Analyzed: 11/05/14

Aluminum	99.8	25	µg/L	100		99.8	85-115			
Arsenic	102	3.0	"	100		102	85-115			
Cadmium	103	2.0	"	100		103	85-115			
Chromium	103	3.0	"	100		103	85-115			
Copper	104	1.0	"	100		104	85-115			
Iron	0.104	0.025	mg/L	0.100		104	85-115			
Lead	105	1.0	µg/L	100		105	85-115			
Nickel	108	5.0	"	100		108	85-115			
Silver	97.5	1.5	"	100		97.5	85-115			
Zinc	104	1.0	"	100		104	85-115			

**LCS (B4K0368-BS2)**

Prepared: 11/03/14 Analyzed: 11/05/14

Aluminum	98.7	25	µg/L	100		98.7	85-115			
Arsenic	102	3.0	"	100		102	85-115			
Cadmium	103	2.0	"	100		103	85-115			
Chromium	102	3.0	"	100		102	85-115			
Copper	102	1.0	"	100		102	85-115			
Iron	0.104	0.025	mg/L	0.100		104	85-115			
Lead	104	1.0	µg/L	100		104	85-115			
Nickel	107	5.0	"	100		107	85-115			
Silver	96.0	1.5	"	100		96.0	85-115			
Zinc	104	1.0	"	100		104	85-115			

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**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0368 - EPA 200 Series**

**Matrix Spike (B4K0368-MS1)**

Source: 1411005-01 Prepared: 11/03/14 Analyzed: 11/05/14

Aluminum	217	25	µg/L	100	110	107	70-130			
Arsenic	100	3.0	"	100	ND	100	70-130			
Cadmium	96.9	2.0	"	100	ND	96.9	70-130			
Chromium	98.0	3.0	"	100	0.40	97.6	75-130			
Copper	115	1.0	"	100	14	101	70-130			
Iron	0.239	0.025	mg/L	0.100	0.12	119	70-130			
Lead	99.5	1.0	µg/L	100	0.50	99.0	70-130			
Nickel	103	5.0	"	100	3.6	99.4	70-130			
Silver	90.2	1.5	"	100	ND	90.2	70-130			
Zinc	124	1.0	"	100	21	103	70-130			

**Matrix Spike (B4K0368-MS2)**

Source: 1411005-12 Prepared: 11/03/14 Analyzed: 11/05/14

Aluminum	166	25	µg/L	100	71	95.0	70-130			
Arsenic	105	3.0	"	100	ND	105	70-130			
Cadmium	101	2.0	"	100	ND	101	70-130			
Chromium	102	3.0	"	100	1.3	101	75-130			
Copper	186	1.0	"	100	83	103	70-130			
Iron	0.264	0.025	mg/L	0.100	0.19	74.0	70-130			
Lead	104	1.0	µg/L	100	0.70	103	70-130			
Nickel	109	5.0	"	100	5.6	103	70-130			
Silver	93.3	1.5	"	100	ND	93.3	70-130			
Zinc	252	1.0	"	100	160	92.0	70-130			

**Matrix Spike Dup (B4K0368-MSD1)**

Source: 1411005-01 Prepared: 11/03/14 Analyzed: 11/05/14

Aluminum	234	25	µg/L	100	110	124	70-130	7.54	30	
Arsenic	101	3.0	"	100	ND	101	70-130	0.995	30	
Cadmium	97.3	2.0	"	100	ND	97.3	70-130	0.412	30	
Chromium	98.8	3.0	"	100	0.40	98.4	75-130	0.813	30	
Copper	117	1.0	"	100	14	103	70-130	1.72	30	
Iron	0.243	0.025	mg/L	0.100	0.12	123	70-130	1.66	30	
Lead	99.7	1.0	µg/L	100	0.50	99.2	70-130	0.201	30	
Nickel	104	5.0	"	100	3.6	100	70-130	0.966	30	
Silver	90.6	1.5	"	100	ND	90.6	70-130	0.442	30	
Zinc	126	1.0	"	100	21	105	70-130	1.60	30	

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**Metals by EPA 200 Series Methods - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0368 - EPA 200 Series**

**Matrix Spike Dup (B4K0368-MSD2)**

**Source: 1411005-12**

Prepared: 11/03/14

Analyzed: 11/05/14

Aluminum	166	25	µg/L	100	71	95.0	70-130	0.00	30	
Arsenic	109	3.0	"	100	ND	109	70-130	3.74	30	
Cadmium	100	2.0	"	100	ND	100	70-130	0.995	30	
Chromium	102	3.0	"	100	1.3	101	75-130	0.00	30	
Copper	184	1.0	"	100	83	101	70-130	1.08	30	
Iron	0.264	0.025	mg/L	0.100	0.19	74.0	70-130	0.00	30	
Lead	102	1.0	µg/L	100	0.70	101	70-130	1.94	30	
Nickel	108	5.0	"	100	5.6	102	70-130	0.922	30	
Silver	92.7	1.5	"	100	ND	92.7	70-130	0.645	30	
Zinc	252	1.0	"	100	160	92.0	70-130	0.00	30	

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

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0366 - EPA 200 Series**

**Blank (B4K0366-BLK1)**

Prepared: 11/03/14 Analyzed: 11/05/14

Hexavalent Chromium ND 0.0020 mg/L

**LCS (B4K0366-BS1)**

Prepared: 11/03/14 Analyzed: 11/05/14

Hexavalent Chromium 0.00286 0.0020 mg/L 0.00300 95.3 85-115

**Matrix Spike (B4K0366-MS1)**

Source: 1411005-01

Prepared: 11/03/14 Analyzed: 11/05/14

Hexavalent Chromium 0.00277 0.0020 mg/L 0.00300 ND 92.3 80-120

**Matrix Spike Dup (B4K0366-MSD1)**

Source: 1411005-01

Prepared: 11/03/14 Analyzed: 11/05/14

Hexavalent Chromium 0.00280 0.0020 mg/L 0.00300 ND 93.3 80-120 1.08 20

**Batch B4K0367 - EPA 200 Series**

**Blank (B4K0367-BLK1)**

Prepared: 11/03/14 Analyzed: 11/05/14

Arsenic ND 3.0 µg/L  
Cadmium ND 2.0 "  
Chromium ND 3.0 "  
Copper ND 1.0 "  
Lead ND 2.0 "  
Nickel ND 5.0 "  
Silver ND 1.5 "  
Zinc ND 1.0 "

**Blank (B4K0367-BLK2)**

Prepared: 11/03/14 Analyzed: 11/05/14

Arsenic ND 3.0 µg/L  
Cadmium ND 2.0 "  
Chromium ND 3.0 "  
Copper ND 1.0 "  
Lead ND 2.0 "  
Nickel ND 5.0 "  
Silver ND 1.5 "  
Zinc ND 1.0 "

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

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0367 - EPA 200 Series**

**LCS (B4K0367-BS1)**

Prepared: 11/03/14 Analyzed: 11/05/14

Arsenic	97.2	3.0	µg/L	100		97.2	85-115			
Cadmium	97.4	2.0	"	100		97.4	85-115			
Chromium	97.9	3.0	"	100		97.9	85-115			
Copper	99.0	1.0	"	100		99.0	85-115			
Lead	100	2.0	"	100		100	85-115			
Nickel	102	5.0	"	100		102	85-115			
Silver	93.3	1.5	"	100		93.3	85-115			
Zinc	99.3	1.0	"	100		99.3	85-115			

**LCS (B4K0367-BS2)**

Prepared: 11/03/14 Analyzed: 11/05/14

Arsenic	99.6	3.0	µg/L	100		99.6	85-115			
Cadmium	102	2.0	"	100		102	85-115			
Chromium	102	3.0	"	100		102	85-115			
Copper	102	1.0	"	100		102	85-115			
Lead	105	2.0	"	100		105	85-115			
Nickel	106	5.0	"	100		106	85-115			
Silver	95.6	1.5	"	100		95.6	85-115			
Zinc	104	1.0	"	100		104	85-115			

**Matrix Spike (B4K0367-MS1)**

Source: 1411005-01

Prepared: 11/03/14 Analyzed: 11/05/14

Arsenic	113	3.0	µg/L	100	1.0	112	70-130			
Cadmium	110	2.0	"	100	ND	110	70-130			
Chromium	111	3.0	"	100	0.30	111	70-130			
Copper	133	1.0	"	100	13	120	70-130			
Lead	113	2.0	"	100	0.40	113	70-130			
Nickel	86.2	5.0	"	100	3.0	83.2	70-130			
Silver	104	1.5	"	100	ND	104	70-130			
Zinc	132	1.0	"	100	20	112	70-130			

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

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0367 - EPA 200 Series**

**Matrix Spike (B4K0367-MS2)**

Source: 1411005-12 Prepared: 11/03/14 Analyzed: 11/05/14

Arsenic	110	3.0	µg/L	100	ND	110	70-130			
Cadmium	100	2.0	"	100	ND	100	70-130			
Chromium	107	3.0	"	100	0.70	106	70-130			
Copper	152	1.0	"	100	38	114	70-130			
Lead	109	2.0	"	100	1.7	107	70-130			
Nickel	90.6	5.0	"	100	4.6	86.0	70-130			
Silver	99.2	1.5	"	100	ND	99.2	70-130			
Zinc	212	1.0	"	100	150	62.0	70-130			QM-07

**Matrix Spike Dup (B4K0367-MSD1)**

Source: 1411005-01 Prepared: 11/03/14 Analyzed: 11/05/14

Arsenic	112	3.0	µg/L	100	1.0	111	70-130	0.889	30	
Cadmium	104	2.0	"	100	ND	104	70-130	5.61	30	
Chromium	110	3.0	"	100	0.30	110	70-130	0.905	30	
Copper	131	1.0	"	100	13	118	70-130	1.52	30	
Lead	111	2.0	"	100	0.40	111	70-130	1.79	30	
Nickel	85.6	5.0	"	100	3.0	82.6	70-130	0.698	30	
Silver	103	1.5	"	100	ND	103	70-130	0.966	30	
Zinc	130	1.0	"	100	20	110	70-130	1.53	30	

**Matrix Spike Dup (B4K0367-MSD2)**

Source: 1411005-12 Prepared: 11/03/14 Analyzed: 11/05/14

Arsenic	110	3.0	µg/L	100	ND	110	70-130	0.00	30	
Cadmium	106	2.0	"	100	ND	106	70-130	5.83	30	
Chromium	105	3.0	"	100	0.70	104	70-130	1.89	30	
Copper	149	1.0	"	100	38	111	70-130	1.99	30	
Lead	108	2.0	"	100	1.7	106	70-130	0.922	30	
Nickel	90.1	5.0	"	100	4.6	85.5	70-130	0.553	30	
Silver	97.6	1.5	"	100	ND	97.6	70-130	1.63	30	
Zinc	212	1.0	"	100	150	62.0	70-130	0.00	30	QM-07

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

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0371 - EPA 200 Series**

**Blank (B4K0371-BLK1)**

Prepared: 11/03/14 Analyzed: 11/04/14

Mercury ND 0.00073 mg/L

**LCS (B4K0371-BS1)**

Prepared: 11/03/14 Analyzed: 11/04/14

Mercury 0.00099 0.00073 mg/L 0.00100 99.0 80-120

**Matrix Spike (B4K0371-MS1)**

Source: 1411005-01

Prepared: 11/03/14 Analyzed: 11/04/14

Mercury 0.00098 0.00073 mg/L 0.00100 ND 98.0 80-120

**Matrix Spike Dup (B4K0371-MSD1)**

Source: 1411005-01

Prepared: 11/03/14 Analyzed: 11/04/14

Mercury 0.00095 0.00073 mg/L 0.00100 ND 95.0 80-120 3.11 20

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**Organochlorine Pesticides and PCBs by EPA Method 608 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0834 - EPA 3510C Sep Funnel**

**Blank (B4K0834-BLK1)**

Prepared & Analyzed: 11/07/14

Aldrin	ND	0.075	µg/L							
PCB-1016	ND	0.50	"							
HCH-alpha	ND	0.010	"							
PCB-1221	ND	0.50	"							
HCH-beta	ND	0.050	"							
PCB-1232	ND	0.50	"							
HCH-delta	ND	0.10	"							
PCB-1242	ND	0.50	"							
HCH-gamma (Lindane)	ND	0.20	"							
PCB-1248	ND	0.50	"							
Chlordane	ND	0.050	"							
PCB-1254	ND	0.50	"							
4,4'-DDD	ND	0.010	"							
PCB-1260	ND	0.50	"							
4,4'-DDE	ND	0.010	"							
4,4'-DDT	ND	0.010	"							
Dieldrin	ND	0.020	"							
Endosulfan I	ND	0.020	"							
Endosulfan II	ND	0.050	"							
Endosulfan sulfate	ND	0.050	"							
Endrin	ND	0.10	"							
Endrin aldehyde	ND	0.050	"							
Heptachlor	ND	0.010	"							
Heptachlor epoxide	ND	0.010	"							
Toxaphene	ND	1.0	"							
PCB-1016	ND	0.50	"							
PCB-1221	ND	0.50	"							
PCB-1232	ND	0.50	"							
PCB-1242	ND	0.50	"							
PCB-1248	ND	0.50	"							
PCB-1254	ND	0.50	"							
PCB-1260	ND	0.50	"							
Surrogate: Decachlorobiphenyl	0.322		"	0.250		129	42-147			
Surrogate: Tetrachloro-meta-xylene	0.314		"	0.250		126	42-147			
Surrogate: Decachlorobiphenyl	0.322		"	0.250		129	42-147			
Surrogate: Tetrachloro-meta-xylene	0.314		"	0.250		126	42-147			

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**Organochlorine Pesticides and PCBs by EPA Method 608 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0834 - EPA 3510C Sep Funnel**

**LCS (B4K0834-BS1)**

Prepared & Analyzed: 11/07/14

Aldrin	0.0751	0.075	µg/L	0.0800		93.9	80-120			
HCH-gamma (Lindane)	0.0790	0.20	"	0.0800		98.8	80-120			
PCB-1260	2.13	0.50	"	2.00		106	80-120			
4,4'-DDT	0.220	0.010	"	0.200		110	80-120			
Dieldrin	0.214	0.020	"	0.200		107	80-120			
Heptachlor	0.0829	0.010	"	0.0800		104	80-120			

**LCS (B4K0834-BS2)**

Prepared & Analyzed: 11/07/14

Aldrin	0.0777	0.075	µg/L	0.0800		97.1	80-120			
HCH-gamma (Lindane)	0.0727	0.20	"	0.0800		90.9	80-120			
PCB-1260	1.75	0.50	"	2.00		87.5	80-120			
4,4'-DDT	0.183	0.010	"	0.200		91.5	80-120			
Dieldrin	0.210	0.020	"	0.200		105	80-120			
Heptachlor	0.0726	0.010	"	0.0800		90.8	80-120			

**LCS Dup (B4K0834-BSD1)**

Prepared & Analyzed: 11/07/14

Aldrin	0.0888	0.075	µg/L	0.0800		111	80-120	16.7	30	
HCH-gamma (Lindane)	0.0912	0.20	"	0.0800		114	80-120	14.3	30	
PCB-1260	2.24	0.50	"	2.00		112	80-120	5.03	30	
4,4'-DDT	0.193	0.010	"	0.200		96.5	80-120	13.1	30	
Dieldrin	0.195	0.020	"	0.200		97.5	80-120	9.29	30	
Heptachlor	0.0722	0.010	"	0.0800		90.2	80-120	13.8	30	

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**Organics by GC-FID - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K1158 - EPA 5030B P & T**

**Blank (B4K1158-BLK1)**

Prepared & Analyzed: 11/11/14

Ethylene glycol	ND	5.0	mg/L							
Propylene glycol	ND	1.0	"							

**LCS (B4K1158-BS1)**

Prepared & Analyzed: 11/11/14

Ethylene glycol	8.96	5.0	mg/L	10.0		89.6	80-120			
Propylene glycol	11.5	1.0	"	10.0		115	80-120			

**Matrix Spike (B4K1158-MS1)**

Source: 1411005-09

Prepared & Analyzed: 11/11/14

Ethylene glycol	7.54	5.0	mg/L	10.0	ND	75.4	57-127			
Propylene glycol	8.89	1.0	"	10.0	ND	88.9	57-127			

**Matrix Spike Dup (B4K1158-MSD1)**

Source: 1411005-09

Prepared & Analyzed: 11/11/14

Ethylene glycol	10.6	5.0	mg/L	10.0	ND	106	57-127	33.7	200	
Propylene glycol	7.52	1.0	"	10.0	ND	75.2	57-127	16.7	200	

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**Total Petroleum Hydrocarbons (TPH) by GC/FID - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K0703 - EPA 3510C Sep Funnel**

**Blank (B4K0703-BLK1)**

Prepared & Analyzed: 11/04/14

Diesel Range Organics (C10-C24)	ND	0.050	mg/L							
Jet-A	ND	0.050	"							
Oil Range Organics (C22-C36)	ND	0.050	"							
Surrogate: <i>o</i> -Terphenyl	0.0195		"	0.0250		78.0	60-175			
Surrogate: <i>o</i> -Terphenyl	0.0195		"	0.0250		78.0	60-175			
Surrogate: <i>o</i> -Terphenyl	0.0195		"	0.0250		78.0	60-175			

**Blank (B4K0703-BLK2)**

Prepared & Analyzed: 11/04/14

Diesel Range Organics (C10-C24)	ND	0.050	mg/L							
Jet-A	ND	0.050	"							
Oil Range Organics (C22-C36)	ND	0.050	"							
Surrogate: <i>o</i> -Terphenyl	0.0184		"	0.0250		73.6	60-175			
Surrogate: <i>o</i> -Terphenyl	0.0184		"	0.0250		73.6	60-175			
Surrogate: <i>o</i> -Terphenyl	0.0184		"	0.0250		73.6	60-175			

**Blank (B4K0703-BLK3)**

Prepared: 11/04/14 Analyzed: 11/05/14

Diesel Range Organics (C10-C24)	ND	0.050	mg/L							
Jet-A	ND	0.050	"							
Oil Range Organics (C22-C36)	ND	0.050	"							
Surrogate: <i>o</i> -Terphenyl	0.0171		"	0.0250		68.4	60-175			
Surrogate: <i>o</i> -Terphenyl	0.0171		"	0.0250		68.4	60-175			
Surrogate: <i>o</i> -Terphenyl	0.0171		"	0.0250		68.4	60-175			

**LCS (B4K0703-BS1)**

Prepared & Analyzed: 11/04/14

Diesel Range Organics (C10-C24)	0.475	0.050	mg/L	0.500		95.0	80-120			
Diesel Range Organics (C10-C24)	0.475	0.050	"	0.500		95.0	80-120			
Diesel Range Organics (C10-C24)	0.475	0.050	"	0.500		95.0	80-120			

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 Project Manager: Amanda Archenhold

Reported:  
 12/03/14 10:55

**Total Petroleum Hydrocarbons (TPH) by GC/FID - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B4K0703 - EPA 3510C Sep Funnel**

<b>LCS (B4K0703-BS2)</b>										
						Prepared & Analyzed: 11/04/14				
Diesel Range Organics (C10-C24)	0.481	0.050	mg/L	0.500		96.2	80-120			
Diesel Range Organics (C10-C24)	0.481	0.050	"	0.500		96.2	80-120			
Diesel Range Organics (C10-C24)	0.481	0.050	"	0.500		96.2	80-120			
<b>LCS (B4K0703-BS3)</b>										
						Prepared: 11/04/14 Analyzed: 11/05/14				
Diesel Range Organics (C10-C24)	0.479	0.050	mg/L	0.500		95.8	80-120			
Diesel Range Organics (C10-C24)	0.479	0.050	"	0.500		95.8	80-120			
Diesel Range Organics (C10-C24)	0.479	0.050	"	0.500		95.8	80-120			
<b>LCS (B4K0703-BS4)</b>										
						Prepared & Analyzed: 11/04/14				
Diesel Range Organics (C10-C24)	0.454	0.050	mg/L	0.500		90.8	80-120			
Diesel Range Organics (C10-C24)	0.454	0.050	"	0.500		90.8	80-120			
Diesel Range Organics (C10-C24)	0.454	0.050	"	0.500		90.8	80-120			
<b>LCS (B4K0703-BS5)</b>										
						Prepared & Analyzed: 11/04/14				
Diesel Range Organics (C10-C24)	0.458	0.050	mg/L	0.500		91.6	80-120			
Diesel Range Organics (C10-C24)	0.458	0.050	"	0.500		91.6	80-120			
Diesel Range Organics (C10-C24)	0.458	0.050	"	0.500		91.6	80-120			
<b>LCS (B4K0703-BS6)</b>										
						Prepared: 11/04/14 Analyzed: 11/05/14				
Diesel Range Organics (C10-C24)	0.463	0.050	mg/L	0.500		92.6	80-120			
Diesel Range Organics (C10-C24)	0.463	0.050	"	0.500		92.6	80-120			
Diesel Range Organics (C10-C24)	0.463	0.050	"	0.500		92.6	80-120			
<b>LCS Dup (B4K0703-BSD1)</b>										
						Prepared & Analyzed: 11/04/14				
Diesel Range Organics (C10-C24)	0.519	0.050	mg/L	0.500		104	80-120	8.85	30	
Diesel Range Organics (C10-C24)	0.519	0.050	"	0.500		104	80-120	8.85	30	
Diesel Range Organics (C10-C24)	0.519	0.050	"	0.500		104	80-120	8.85	30	

*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.*



AMEC  
 9177 Sky Park Court Suite A  
 San Diego CA, 92123

Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/03/14 10:55

**Total Petroleum Hydrocarbons (TPH) by GC/FID - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B4K0703 - EPA 3510C Sep Funnel**

**LCS Dup (B4K0703-BSD2)**

Prepared & Analyzed: 11/04/14

Diesel Range Organics (C10-C24)	0.517	0.050	mg/L	0.500		103	80-120	7.21	30	
Diesel Range Organics (C10-C24)	0.517	0.050	"	0.500		103	80-120	7.21	30	
Diesel Range Organics (C10-C24)	0.517	0.050	"	0.500		103	80-120	7.21	30	

**LCS Dup (B4K0703-BSD3)**

Prepared: 11/04/14 Analyzed: 11/05/14

Diesel Range Organics (C10-C24)	0.520	0.050	mg/L	0.500		104	80-120	8.21	30	
Diesel Range Organics (C10-C24)	0.520	0.050	"	0.500		104	80-120	8.21	30	
Diesel Range Organics (C10-C24)	0.520	0.050	"	0.500		104	80-120	8.21	30	

*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.*



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/03/14 10:55

**Polynuclear Aromatic Compounds by EPA Method 8310 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K1034 - EPA 3510C Sep Funnel**

**Blank (B4K1034-BLK1)**

Prepared: 11/07/14 Analyzed: 11/10/14

Naphthalene	ND	0.500	µg/L							
Acenaphthylene	ND	1.00	"							
Acenaphthene	ND	1.00	"							
Fluorene	ND	0.100	"							
Phenanthrene	ND	0.100	"							
Anthracene	ND	0.0500	"							
Fluoranthene	ND	0.100	"							
Pyrene	ND	0.100	"							
Benzo (a) anthracene	ND	0.0500	"							
Chrysene	ND	0.100	"							
Benzo (b) fluoranthene	ND	0.100	"							
Benzo (k) fluoranthene	ND	0.0500	"							
Benzo (a) pyrene	ND	0.0500	"							
Dibenzo(a,h)anthracene	ND	0.100	"							
Benzo (g,h,i) perylene	ND	0.100	"							
Indeno (1,2,3-cd) pyrene	ND	0.100	"							
<i>Surrogate: Decafluorobiphenyl</i>	4.87		"	5.00		97.4	30-115			

**LCS (B4K1034-BS1)**

Prepared: 11/07/14 Analyzed: 11/10/14

Naphthalene	1.07	0.500	µg/L	1.00		107	60-130			
Fluorene	0.985	0.100	"	1.00		98.5	60-130			
Pyrene	0.847	0.100	"	1.00		84.7	60-130			
Benzo (a) pyrene	1.01	0.0500	"	1.00		101	60-130			
Indeno (1,2,3-cd) pyrene	1.02	0.100	"	1.00		102	60-130			
<i>Surrogate: Decafluorobiphenyl</i>	3.04		"	5.00		60.8	30-115			

**LCS (B4K1034-BS2)**

Prepared: 11/07/14 Analyzed: 11/10/14

Naphthalene	1.12	0.500	µg/L	1.00		112	60-130			
Fluorene	0.890	0.100	"	1.00		89.0	60-130			
Pyrene	0.656	0.100	"	1.00		65.6	60-130			
Benzo (a) pyrene	0.693	0.0500	"	1.00		69.3	60-130			
Indeno (1,2,3-cd) pyrene	1.07	0.100	"	1.00		107	60-130			
<i>Surrogate: Decafluorobiphenyl</i>	5.00		"	5.00		100	30-115			

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AMEC  
 9177 Sky Park Court Suite A  
 San Diego CA, 92123

Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/03/14 10:55

**Polynuclear Aromatic Compounds by EPA Method 8310 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4K1034 - EPA 3510C Sep Funnel**

**LCS Dup (B4K1034-BSD1)**

Prepared: 11/07/14 Analyzed: 11/10/14

Naphthalene	1.05	0.500	µg/L	1.00		105	60-130	1.89	30	
Fluorene	0.773	0.100	"	1.00		77.3	60-130	24.1	30	
Pyrene	0.706	0.100	"	1.00		70.6	60-130	18.2	30	
Benzo (a) pyrene	1.12	0.0500	"	1.00		112	60-130	10.3	30	
Indeno (1,2,3-cd) pyrene	1.11	0.100	"	1.00		111	60-130	8.45	30	
Surrogate: Decafluorobiphenyl	5.00		"	5.00		100	30-115			

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AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

**Reported:**  
12/03/14 10:55

### Notes and Definitions

- D-42 Sample non-detect (ND) for requested fuel type. Other hydrocarbons may be present.
- 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

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*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.*

\$ 141005

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
C-B12-9A 110114	11-01-14	0351	PCBs	1L Amber Glass	4°C	1
C-B12-9A 110114	11-01-14	0351	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Pb, Zn), Dissolved (Cu, Zn), BOD, COD, ammonia, MBAS	0.5 Gallon Plastic	4°C	2
C-B12-9A 110114	11-01-14	0351	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1

Sampler's Initials: AC  
 Relinquished By: Alexa Chir Date/Time: 11/11/14 12:20 Received By: Erik Bedner Date/Time: 11/11/14 12:20  
 Relinquished By: Erik Bedner Date/Time: 11/11/14 14:00 Received By: Est Date/Time: 11-11-14 @ 14:00

141005

**Analysis Request and Chain of Custody**  
SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9889  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
13 S-B-06-12-110114 BLK	11-01-14	0630	pH, SC, TSS, total hardness, total (Al, As, Cd, Cu, Cr III, Cr VI, Fe, Pb, Hg, Ni, Ag, Zn), BOD, COD, O&G	19L	4°C	1
14 S-B06-12-110114	11-01-14	0615	pH, SC, TSS, total hardness, total (Al, As, Cd, Cu, Cr III, Cr VI, Fe, Pb, Hg, Ni, Ag, Zn), Dissolved (As, Cd, Cu, Cr III, Cr VI, Pb, Hg, Ni, Ag, Zn), BOD, COD, O&G	19L	4°C	1
15 S-B06-12-110114	11-01-14	0615	PCB, Chlordane	1L Amber Glass	4°C	1
16 S-B06-12-110114	11-01-14	0615	PAHs	1L Amber Glass	4°C	1

Sampler's Initials: AC

Relinquished By: Alex Chin

Relinquished By: Erik Bernier

Date/Time: 11/11/14 12:20

Date/Time: 11/11/14 12:20

Received By: Erik Bernier

Received By: Set

Date/Time: 11/11/14 12:20

Date/Time: 11-11-14 12:00

\$141005

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
16 S-B06-12-110114	11-01-14	0615	Particle Size Distribution	1L Amber Glass	4°C	1
17 S-B06-12-110114	11-01-14	0345	Ethylene glycol	40 mL Vial	4°C	2

Sampler's Initials: AC Date/Time: 11/1/14 17:20 Received By: Erik Bedner Date/Time: 11/1/14 12:20

Relinquished By: Alex Chin Date/Time: 11/1/14 19:00 Received By: Set Date/Time: 11-1-14 @ 1:00

Relinquished By: Erik Bedner Date/Time: 11/1/14 19:00 Received By: Set Date/Time: 11-1-14 @ 1:00

\$141005

**Analysis Request and Chain of Custody**  
**SAN DIEGO AIRPORT**  
**2014-2015 Monitoring Season**

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
S-B-09-3-1 DUP			pH, SC, TSS, total hardness, total (Al, Cu, Fe, Zn), Dissolved (Cu, Zn)	19L	4°C	
S-B-09-3-1 DUP			PCBs	1L Amber Glass	4°C	
S-B-09-3-1 DUP			PAHs	1L Amber Glass	4°C	
18 S-B-09-3-1 110114	11-01-14	0944	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Zn), Dissolved (Cu, Zn)	19L	4°C	1
19 S-B-09-3-1 110114	11-01-14	0400	PCBs	1L Amber Glass	4°C	1

Sampler's Initials: AC  
 Relinquished By: Alex Quinn Date/Time: 11/11/14 12:20 Received By: Erik Bedliner Date/Time: 11/11/14 12:20  
 Relinquished By: Erik Bedliner Date/Time: 11/11/14 1400 Received By: SSC Date/Time: 11-11-14 1450

#1411005

**Analysis Request and Chain of Custody**  
**SAN DIEGO AIRPORT**  
**2014-2015 Monitoring Season**

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
19 S-B-09-3-I 110114	11-01-14	0400	PAHs	1L Amber Glass	4°C	1
20 S-B-09-3-E 110114	11-01-14	0836	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Zn), Dissolved (Cu, Zn)	19L	4°C	1
21 S-B-09-3-E 110114	11-01-14	0405	PCBs	1L Amber Glass	4°C	1
22 S-B-09-3-E 110114	11-01-14	0405	PAHs	1L Amber Glass	4°C	1
23 S-B-09-3-B 110114	11-01-14	0510	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Zn), Dissolved (Cu, Zn)	19L	4°C	1

Sampler's Initials: AC  
 Relinquished By: Alex Gwin Date/Time: 11/11/14 12:20 Received By: Erik Berdner Date/Time: 11/11/14 12:20  
 Relinquished By: Erik Berdner Date/Time: 11/11/14 1400 Received By: Set Date/Time: 11-11-14 1400

# 1411005

**Analysis Request and Chain of Custody**  
**SAN DIEGO AIRPORT**  
**2014-2015 Monitoring Season**

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
33 S-B-09-3-B 110114	11-01-14	0453	PCBs	1L Amber Glass	4°C	1
S-B-09-3-B 110114	11-01-14	0453	PAHs	1L Amber Glass	4°C	1
C-B12-9A-West			PAHs	1L Amber Glass	4°C	

(1105-0231A)

Sampler's Initials: AC  
 Relinquished By: Alex Chin Date/Time: 11/14 12:00 Received By: Erik Berliner Date/Time: 11/14 12:20  
 Relinquished By: Erik Berliner Date/Time: 11/14 1400 Received By: [Signature] Date/Time: 11-14 14:00



10 November 2014

Amanda Archenhold  
AMEC  
9177 Sky Park Court Suite A  
San Diego, CA 92123

RE:San Diego Airport

Work Order No.: 1411003

Attached are the results of the analyses for samples received by the laboratory on 11/01/14 06:40.

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,

A handwritten signature in black ink that reads "Richard K. Forsyth".

Richard K. Forsyth

Laboratory Director

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



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport  
Project Number: 2014-2015 Monitoring Season  
Project Manager: Amanda Archenhold

**Reported:**  
11/10/14 14:19

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-B-09-3I-110114-DUP	1411003-01	Liquid	11/01/14 04:00	11/01/14 06:40
S-B-09-3I-110114	1411003-02	Liquid	11/01/14 04:00	11/01/14 06:40
S-B-09-3E-110114	1411003-03	Liquid	11/01/14 04:05	11/01/14 06:40
S-B-09-3B-110114	1411003-04	Liquid	11/01/14 04:53	11/01/14 06:40
C-B09-10B-110114	1411003-05	Liquid	11/01/14 03:37	11/01/14 06:40
C-B08-8-110114	1411003-06	Liquid	11/01/14 03:40	11/01/14 06:40

*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.*



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport  
Project Number: 2014-2015 Monitoring Season  
Project Manager: Amanda Archenhold

Reported:  
11/10/14 14:19

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-B-09-3I-110114-DUP (1411003-01) Liquid    Sampled: 11/01/14 04:00    Received: 11/01/14 06:40</b>									
Enterococcus	700	10	CFU/100 mL	10	B4K0343	11/01/14	11/01/14 07:00	SM 9230C	
Fecal Coliforms	300	10	"	"	"	"	"	SM 9222D	
Total Coliforms	1300	100	"	100	"	"	"	SM 9222B	
<b>S-B-09-3I-110114 (1411003-02) Liquid    Sampled: 11/01/14 04:00    Received: 11/01/14 06:40</b>									
Enterococcus	700	10	CFU/100 mL	10	B4K0343	11/01/14	11/01/14 07:00	SM 9230C	
Fecal Coliforms	300	10	"	"	"	"	"	SM 9222D	
Total Coliforms	900	10	"	"	"	"	"	SM 9222B	
<b>S-B-09-3E-110114 (1411003-03) Liquid    Sampled: 11/01/14 04:05    Received: 11/01/14 06:40</b>									
Enterococcus	100	10	CFU/100 mL	10	B4K0343	11/01/14	11/01/14 07:00	SM 9230C	
Fecal Coliforms	600	10	"	"	"	"	"	SM 9222D	
Total Coliforms	1000	100	"	100	"	"	"	SM 9222B	
<b>S-B-09-3B-110114 (1411003-04) Liquid    Sampled: 11/01/14 04:53    Received: 11/01/14 06:40</b>									
Enterococcus	1700	100	CFU/100 mL	100	B4K0343	11/01/14	11/01/14 07:00	SM 9230C	
Fecal Coliforms	1800	100	"	"	"	"	"	SM 9222D	
Total Coliforms	2400	100	"	"	"	"	"	SM 9222B	
<b>C-B09-10B-110114 (1411003-05) Liquid    Sampled: 11/01/14 03:37    Received: 11/01/14 06:40</b>									
Enterococcus	1100	100	CFU/100 mL	100	B4K0343	11/01/14	11/01/14 07:00	SM 9230C	
Fecal Coliforms	1200	100	"	"	"	"	"	SM 9222D	
Total Coliforms	1700	100	"	"	"	"	"	SM 9222B	
<b>C-B08-8-110114 (1411003-06) Liquid    Sampled: 11/01/14 03:40    Received: 11/01/14 06:40</b>									
Enterococcus	2.0	1.0	CFU/100 mL	1	B4K0454	11/01/14	11/01/14 07:00	SM 9230C	
Fecal Coliforms	2.0	1.0	"	"	"	"	"	SM 9222D	
Total Coliforms	28	1.0	"	"	"	"	"	SM 9222B	

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



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport  
Project Number: 2014-2015 Monitoring Season  
Project Manager: Amanda Archenhold

**Reported:**  
11/10/14 14:19

### Notes and Definitions

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

---

*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.*

# 1411003

**Analysis Request and Chain of Custody**  
SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenthald  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
01 S-B-09-3I	11/01/14	0400	Total Coliforms, Fecal Coliforms, Enterococcus	120 mL Plastic	4°C + Tablet Preservative	2
02 S-B-09-3I	11/01/14	0400	Total Coliforms, Fecal Coliforms, Enterococcus	120 mL Plastic	4°C + Tablet Preservative	2
03 S-B-09-3E	11/01/14	0405	Total Coliforms, Fecal Coliforms, Enterococcus	120 mL Plastic	4°C + Tablet Preservative	2
04 S-B-09-3B	11/01/14	0453	Total Coliforms, Fecal Coliforms, Enterococcus	120 mL Plastic	4°C + Tablet Preservative	2
05 C-B09-10B	11/01/14	0337	Total Coliforms, Fecal Coliforms, Enterococcus	120 mL Plastic	4°C + Tablet Preservative	2

Sampler's Initials: AC 156 Received By: L Diebold Date/Time: 0455

Relinquished By: Alexis Chin Date/Time: 6:40

Relinquished By: Amanda Archenthald Date/Time: 11/1/14 @ 6:40



11 December 2014

Amanda Archenhold  
AMEC  
9177 Sky Park Court Suite A  
San Diego, CA 92123  
RE:San Diego Airport 2014-2015  
Work Order No.: 1412064

Attached are the results of the analyses for samples received by the laboratory on 12/03/14 15:20.

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,

A handwritten signature in black ink that reads "Richard K. Forsyth". The signature is written in a cursive style and is positioned above a solid horizontal line.

Richard K. Forsyth

Laboratory Director

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



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

**Reported:**  
12/11/14 08:50

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-B01-1B-120214	1412064-01	Liquid	12/02/14 18:01	12/03/14 15:20
C-B03-2-120214	1412064-02	Liquid	12/02/14 18:10	12/03/14 15:20
C-B05-4-120214	1412064-03	Liquid	12/02/14 18:20	12/03/14 15:20
C-B06-5A-120214	1412064-04	Liquid	12/02/14 16:20	12/03/14 15:20
C-B07-6-120214-DUP	1412064-05	Liquid	12/02/14 16:45	12/03/14 15:20
C-B07-6-120214-BLK	1412064-06	Liquid	12/02/14 16:45	12/03/14 15:20
C-B07-6-120214	1412064-07	Liquid	12/02/14 16:45	12/03/14 15:20
C-B07-7-120214	1412064-08	Liquid	12/02/14 18:43	12/03/14 15:20
C-B08-8-120214	1412064-09	Liquid	12/02/14 17:18	12/03/14 15:20
C-B08-8-120214	1412064-10	Liquid	12/02/14 19:35	12/03/14 15:20
C-B12-9A-120214	1412064-11	Liquid	12/02/14 11:04	12/03/14 15:20
C-B09-10B-120214	1412064-12	Liquid	12/02/14 18:00	12/03/14 15:20
S-B06-12-120214	1412064-13	Liquid	12/02/14 17:37	12/03/14 15:20
S-B-09-3-I-120214	1412064-14	Liquid	12/02/14 19:16	12/03/14 15:20
S-B-09-3-I-120214	1412064-15	Liquid	12/02/14 18:10	12/03/14 15:20
S-B-09-3-E-120214	1412064-16	Liquid	12/02/14 19:16	12/03/14 15:20
S-B-09-3-E-120214	1412064-17	Liquid	12/02/14 18:08	12/03/14 15:20
S-B-09-3-B-120314	1412064-18	Liquid	12/03/14 01:55	12/03/14 15:20
S-B-09-3-B-120214	1412064-19	Liquid	12/02/14 18:28	12/03/14 15:20

*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.*



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San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-120214 (1412064-01) Liquid    Sampled: 12/02/14 18:01    Received: 12/03/14 15:20</b>									
Ammonia as N	0.500	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	32.0	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	118	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	150	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	45.5	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	0.260	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.71	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	54.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B03-2-120214 (1412064-02) Liquid    Sampled: 12/02/14 18:10    Received: 12/03/14 15:20</b>									
Ammonia as N	3.20	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	86.0	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	378	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	358	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	58.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	4.20	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	0.380	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.22	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	15.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B05-4-120214 (1412064-03) Liquid    Sampled: 12/02/14 18:20    Received: 12/03/14 15:20</b>									
Ammonia as N	2.10	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	26.0	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	110	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	184	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	48.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	0.240	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.14	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	114	1.00	mg/L	"	"	"	"	EPA 160.2	

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AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B06-5A-120214 (1412064-04) Liquid    Sampled: 12/02/14 16:20    Received: 12/03/14 15:20</b>									
Ammonia as N	0.250	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	22.0	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	68.0	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	188	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	22.8	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	ND	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.30	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	24.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B07-6-120214-DUP (1412064-05) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>									
Ammonia as N	1.95	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	122	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	391	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	302	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	85.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	5.50	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	0.400	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.15	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	105	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B07-6-120214-BLK (1412064-06) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>									
Ammonia as N	ND	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	ND	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	ND	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	1.34	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	ND	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	ND	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.82	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	ND	1.00	mg/L	"	"	"	"	EPA 160.2	

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9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B07-6-120214 (1412064-07) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>									
Ammonia as N	1.88	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	128	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	405	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	310	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	95.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	5.00	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	0.360	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.11	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	103	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B07-7-120214 (1412064-08) Liquid    Sampled: 12/02/14 18:43    Received: 12/03/14 15:20</b>									
Ammonia as N	3.50	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	115	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	3.50	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	450	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	142	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	3.80	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	0.320	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.64	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	97.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B08-8-120214 (1412064-10) Liquid    Sampled: 12/02/14 19:35    Received: 12/03/14 15:20</b>									
Ammonia as N	ND	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	ND	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	ND	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	83.0	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	11.0	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	ND	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.78	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	ND	1.00	mg/L	"	"	"	"	EPA 160.2	

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AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B12-9A-120214 (1412064-11) Liquid    Sampled: 12/02/14 11:04    Received: 12/03/14 15:20</b>									
Ammonia as N	0.250	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	17.0	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	0.250	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	1050	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	210	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	0.140	0.0500	"	"	"	"	"	EPA 425.1	
pH	6.82	0.100	pH Units	"	"	"	"	EPA 150.1	H-01
Total Suspended Solids	12.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>C-B09-10B-120214 (1412064-12) Liquid    Sampled: 12/02/14 18:00    Received: 12/03/14 15:20</b>									
Ammonia as N	0.200	0.100	mg/L	1	B4L0873	12/03/14	12/03/14 16:00	SM 4500-NH3	
Biochemical Oxygen Demand	4.10	2.00	"	"	"	"	12/08/14 16:00	EPA 405.1	
Chemical Oxygen Demand	0.200	0.100	"	"	"	"	12/03/14 16:00	EPA 410.4	
Specific Conductance (EC)	172	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Total Hardness	34.4	0.400	mg/L	"	"	"	"	SM 2340 C	
Hexane Extractable Material (HEM)	ND	2.00	"	"	"	"	"	EPA 1664A	
Methylene Blue Active Substances	0.150	0.0500	"	"	"	"	"	EPA 425.1	
pH	7.14	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	47.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>S-B-09-3-I-120214 (1412064-14) Liquid    Sampled: 12/02/14 19:16    Received: 12/03/14 15:20</b>									
Specific Conductance (EC)	133	0.100	µmhos/cm	1	B4L0873	12/03/14	12/03/14 16:00	EPA 120.1	
Total Hardness	28.0	0.400	mg/L	"	"	"	"	SM 2340 C	
pH	7.02	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	35.0	1.00	mg/L	"	"	"	"	EPA 160.2	

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AMEC  
 9177 Sky Park Court Suite A  
 San Diego CA, 92123

Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/11/14 08:50

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-B-09-3-E-120214 (1412064-16) Liquid    Sampled: 12/02/14 19:16    Received: 12/03/14 15:20</b>									
Specific Conductance (EC)	<b>126</b>	0.100	µmhos/cm	1	B4L0873	12/03/14	12/03/14 16:00	EPA 120.1	
Total Hardness	<b>28.5</b>	0.400	mg/L	"	"	"	"	SM 2340 C	
pH	<b>6.77</b>	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	<b>31.0</b>	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>S-B-09-3-B-120314 (1412064-18) Liquid    Sampled: 12/03/14 01:55    Received: 12/03/14 15:20</b>									
Specific Conductance (EC)	<b>146</b>	0.100	µmhos/cm	1	B4L0873	12/03/14	12/03/14 16:00	EPA 120.1	
Total Hardness	<b>24.5</b>	0.400	mg/L	"	"	"	"	SM 2340 C	
pH	<b>6.68</b>	0.100	pH Units	"	"	"	"	EPA 150.1	
Total Suspended Solids	<b>28.0</b>	1.00	mg/L	"	"	"	"	EPA 160.2	

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 San Diego CA, 92123

Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/11/14 08:50

**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-120214 (1412064-01) Liquid    Sampled: 12/02/14 18:01    Received: 12/03/14 15:20</b>									
Silver	ND	1.5	µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Aluminum</b>	<b>430</b>	25	"	"	"	"	"	"	"
Arsenic	ND	3.0	"	"	"	"	"	"	"
Cadmium	ND	2.0	"	"	"	"	"	"	"
<b>Chromium</b>	<b>5.1</b>	3.0	"	"	"	"	"	"	"
Hexavalent Chromium	ND	0.0020	mg/L	"	B4L0358	12/03/14	12/03/14 20:04	EPA 218.6	
<b>Copper</b>	<b>64</b>	1.0	µg/L	"	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Iron</b>	<b>0.50</b>	0.025	mg/L	"	"	"	"	"	"
Mercury	ND	0.00030	"	"	B4L0411	12/04/14	12/05/14 16:58	EPA 245.1	
<b>Nickel</b>	<b>9.2</b>	5.0	µg/L	"	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Lead</b>	<b>3.7</b>	1.0	"	"	"	"	"	"	"
<b>Zinc</b>	<b>67</b>	1.0	"	"	"	"	"	"	"
<b>C-B03-2-120214 (1412064-02) Liquid    Sampled: 12/02/14 18:10    Received: 12/03/14 15:20</b>									
Silver	ND	1.5	µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Aluminum</b>	<b>180</b>	25	"	"	"	"	"	"	"
Arsenic	ND	3.0	"	"	"	"	"	"	"
Cadmium	ND	2.0	"	"	"	"	"	"	"
Chromium	ND	3.0	"	"	"	"	"	"	"
Hexavalent Chromium	ND	0.0020	mg/L	"	B4L0358	12/03/14	12/03/14 20:04	EPA 218.6	
<b>Copper</b>	<b>490</b>	1.0	µg/L	"	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Iron</b>	<b>0.36</b>	0.025	mg/L	"	"	"	"	"	"
Mercury	ND	0.00030	"	"	B4L0411	12/04/14	12/05/14 16:58	EPA 245.1	
<b>Nickel</b>	<b>23</b>	5.0	µg/L	"	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Lead</b>	<b>13</b>	1.0	"	"	"	"	"	"	"
<b>Zinc</b>	<b>86</b>	1.0	"	"	"	"	"	"	"

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/11/14 08:50

**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B05-4-120214 (1412064-03) Liquid Sampled: 12/02/14 18:20 Received: 12/03/14 15:20</b>									
Silver	ND	1.5	µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Aluminum</b>	<b>620</b>	25	"	"	"	"	"	"	"
Arsenic	ND	3.0	"	"	"	"	"	"	"
Cadmium	ND	2.0	"	"	"	"	"	"	"
<b>Chromium</b>	<b>3.3</b>	3.0	"	"	"	"	"	"	"
Hexavalent Chromium	ND	0.0020	mg/L	"	B4L0358	12/03/14	12/03/14 20:04	EPA 218.6	
<b>Copper</b>	<b>300</b>	1.0	µg/L	"	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Iron</b>	<b>0.78</b>	0.025	mg/L	"	"	"	"	"	"
Mercury	ND	0.00030	"	"	B4L0411	12/04/14	12/05/14 16:58	EPA 245.1	
<b>Nickel</b>	<b>20</b>	5.0	µg/L	"	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Lead</b>	<b>4.4</b>	1.0	"	"	"	"	"	"	"
<b>Zinc</b>	<b>420</b>	1.0	"	"	"	"	"	"	"
<b>C-B06-5A-120214 (1412064-04) Liquid Sampled: 12/02/14 16:20 Received: 12/03/14 15:20</b>									
Silver	ND	1.5	µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Aluminum</b>	<b>190</b>	25	"	"	"	"	"	"	"
Arsenic	ND	3.0	"	"	"	"	"	"	"
Cadmium	ND	2.0	"	"	"	"	"	"	"
<b>Chromium</b>	<b>5.1</b>	3.0	"	"	"	"	"	"	"
Hexavalent Chromium	ND	0.0020	mg/L	"	B4L0358	12/03/14	12/03/14 20:04	EPA 218.6	
<b>Copper</b>	<b>28</b>	1.0	µg/L	"	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Iron</b>	<b>0.22</b>	0.025	mg/L	"	"	"	"	"	"
Mercury	ND	0.00030	"	"	B4L0411	12/04/14	12/05/14 16:58	EPA 245.1	
Nickel	ND	5.0	µg/L	"	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Lead</b>	<b>1.3</b>	1.0	"	"	"	"	"	"	"
<b>Zinc</b>	<b>310</b>	1.0	"	"	"	"	"	"	"

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Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
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**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>C-B07-6-120214-DUP (1412064-05) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>										
Aluminum	950	25		µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
Copper	370	1.0		"	"	"	"	"	"	"
Iron	1.8	0.025		mg/L	"	"	"	"	"	"
Lead	9.4	1.0		µg/L	"	"	"	"	"	"
Zinc	1100	1.0		"	"	"	"	"	"	"
<b>C-B07-6-120214-BLK (1412064-06) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>										
Aluminum	ND	25		µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
Copper	ND	1.0		"	"	"	"	"	"	"
Iron	ND	0.025		mg/L	"	"	"	"	"	"
Lead	ND	1.0		µg/L	"	"	"	"	"	"
Zinc	ND	1.0		"	"	"	"	"	"	"
<b>C-B07-6-120214 (1412064-07) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>										
Aluminum	930	25		µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
Copper	380	1.0		"	"	"	"	"	"	"
Iron	1.8	0.025		mg/L	"	"	"	"	"	"
Lead	8.0	1.0		µg/L	"	"	"	"	"	"
Zinc	1200	1.0		"	"	"	"	"	"	"
<b>C-B07-7-120214 (1412064-08) Liquid    Sampled: 12/02/14 18:43    Received: 12/03/14 15:20</b>										
Aluminum	490	25		µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
Copper	610	1.0		"	"	"	"	"	"	"
Iron	0.56	0.025		mg/L	"	"	"	"	"	"
Lead	5.8	1.0		µg/L	"	"	"	"	"	"
Zinc	1100	1.0		"	"	"	"	"	"	"

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/11/14 08:50

**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>C-B08-8-120214 (1412064-10) Liquid    Sampled: 12/02/14 19:35    Received: 12/03/14 15:20</b>										
Aluminum	56	25		µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
Copper	24	1.0		"	"	"	"	"	"	"
Iron	0.063	0.025		mg/L	"	"	"	"	"	"
Lead	ND	1.0		µg/L	"	"	"	"	"	"
Zinc	53	1.0		"	"	"	"	"	"	"
<b>C-B12-9A-120214 (1412064-11) Liquid    Sampled: 12/02/14 11:04    Received: 12/03/14 15:20</b>										
Aluminum	55	25		µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
Copper	380	1.0		"	"	"	"	"	"	"
Iron	0.16	0.025		mg/L	"	"	"	"	"	"
Lead	ND	1.0		µg/L	"	"	"	"	"	"
Zinc	84	1.0		"	"	"	"	"	"	"
<b>C-B09-10B-120214 (1412064-12) Liquid    Sampled: 12/02/14 18:00    Received: 12/03/14 15:20</b>										
Aluminum	330	25		µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
Copper	55	1.0		"	"	"	"	"	"	"
Iron	0.41	0.025		mg/L	"	"	"	"	"	"
Lead	2.7	1.0		µg/L	"	"	"	"	"	"
Zinc	240	1.0		"	"	"	"	"	"	"
<b>S-B-09-3-I-120214 (1412064-14) Liquid    Sampled: 12/02/14 19:16    Received: 12/03/14 15:20</b>										
Aluminum	210	25		µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
Copper	41	1.0		"	"	"	"	"	"	"
Iron	0.25	0.025		mg/L	"	"	"	"	"	"
Zinc	190	1.0		µg/L	"	"	"	"	"	"

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

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**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-B-09-3-E-120214 (1412064-16) Liquid    Sampled: 12/02/14 19:16    Received: 12/03/14 15:20</b>									
<b>Aluminum</b>	<b>230</b>	25	µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Copper</b>	<b>41</b>	1.0	"	"	"	"	"	"	
<b>Iron</b>	<b>0.26</b>	0.025	mg/L	"	"	"	"	"	
<b>Zinc</b>	<b>210</b>	1.0	µg/L	"	"	"	"	"	
<b>S-B-09-3-B-120314 (1412064-18) Liquid    Sampled: 12/03/14 01:55    Received: 12/03/14 15:20</b>									
<b>Aluminum</b>	<b>210</b>	25	µg/L	1	B4L0414	12/04/14	12/08/14 12:16	EPA 200.8	
<b>Copper</b>	<b>41</b>	1.0	"	"	"	"	"	"	
<b>Iron</b>	<b>0.26</b>	0.025	mg/L	"	"	"	"	"	
<b>Zinc</b>	<b>170</b>	1.0	µg/L	"	"	"	"	"	

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-120214 (1412064-01) Liquid    Sampled: 12/02/14 18:01    Received: 12/03/14 15:20</b>									
Silver	ND	1.5	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
<b>Chromium</b>	<b>4.9</b>	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4L0359	12/03/14	12/03/14 20:07	EPA 218.6	
<b>Copper</b>	<b>61</b>	1.0	µg/L	"	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4L0412	12/04/14	12/05/14 17:01	EPA 245.1	
<b>Nickel</b>	<b>8.5</b>	5.0	µg/L	"	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
<b>Lead</b>	<b>2.8</b>	2.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>62</b>	1.0	"	"	"	"	"	"	
<b>C-B03-2-120214 (1412064-02) Liquid    Sampled: 12/02/14 18:10    Received: 12/03/14 15:20</b>									
Silver	ND	1.5	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4L0359	12/03/14	12/03/14 20:07	EPA 218.6	
<b>Copper</b>	<b>430</b>	1.0	µg/L	"	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4L0412	12/04/14	12/05/14 17:01	EPA 245.1	
<b>Nickel</b>	<b>20</b>	5.0	µg/L	"	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
<b>Lead</b>	<b>12</b>	2.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>73</b>	1.0	"	"	"	"	"	"	
<b>C-B05-4-120214 (1412064-03) Liquid    Sampled: 12/02/14 18:20    Received: 12/03/14 15:20</b>									
Silver	ND	1.5	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	ND	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4L0359	12/03/14	12/03/14 20:07	EPA 218.6	
<b>Copper</b>	<b>290</b>	1.0	µg/L	"	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4L0412	12/04/14	12/05/14 17:01	EPA 245.1	
<b>Nickel</b>	<b>20</b>	5.0	µg/L	"	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
<b>Lead</b>	<b>3.5</b>	2.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>370</b>	1.0	"	"	"	"	"	"	

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Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B06-5A-120214 (1412064-04) Liquid    Sampled: 12/02/14 16:20    Received: 12/03/14 15:20</b>									
Silver	ND	1.5	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Arsenic	ND	3.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
<b>Chromium</b>	<b>4.7</b>	3.0	"	"	"	"	"	"	
Hexavalent Chromium	ND	0.0020	mg/L	"	B4L0359	12/03/14	12/03/14 20:07	EPA 218.6	
<b>Copper</b>	<b>27</b>	1.0	µg/L	"	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Mercury	ND	0.00073	mg/L	"	B4L0412	12/04/14	12/05/14 17:01	EPA 245.1	
Nickel	ND	5.0	µg/L	"	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Lead	ND	2.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>270</b>	1.0	"	"	"	"	"	"	
<b>C-B07-6-120214-DUP (1412064-05) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>									
<b>Copper</b>	<b>330</b>	1.0	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
<b>Zinc</b>	<b>890</b>	1.0	"	"	"	"	"	"	
<b>C-B07-6-120214-BLK (1412064-06) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>									
Copper	ND	1.0	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Zinc	ND	1.0	"	"	"	"	"	"	
<b>C-B07-6-120214 (1412064-07) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>									
<b>Copper</b>	<b>350</b>	1.0	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
<b>Zinc</b>	<b>870</b>	1.0	"	"	"	"	"	"	
<b>C-B07-7-120214 (1412064-08) Liquid    Sampled: 12/02/14 18:43    Received: 12/03/14 15:20</b>									
<b>Copper</b>	<b>460</b>	1.0	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
<b>Zinc</b>	<b>720</b>	1.0	"	"	"	"	"	"	

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B08-8-120214 (1412064-10) Liquid Sampled: 12/02/14 19:35 Received: 12/03/14 15:20</b>									
Copper	24	1.0	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Zinc	52	1.0	"	"	"	"	"	"	
<b>C-B12-9A-120214 (1412064-11) Liquid Sampled: 12/02/14 11:04 Received: 12/03/14 15:20</b>									
Copper	340	1.0	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Zinc	73	1.0	"	"	"	"	"	"	
<b>C-B09-10B-120214 (1412064-12) Liquid Sampled: 12/02/14 18:00 Received: 12/03/14 15:20</b>									
Copper	50	1.0	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Zinc	200	1.0	"	"	"	"	"	"	
<b>S-B-09-3-I-120214 (1412064-14) Liquid Sampled: 12/02/14 19:16 Received: 12/03/14 15:20</b>									
Copper	36	1.0	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Zinc	160	1.0	"	"	"	"	"	"	
<b>S-B-09-3-E-120214 (1412064-16) Liquid Sampled: 12/02/14 19:16 Received: 12/03/14 15:20</b>									
Copper	39	1.0	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Zinc	160	1.0	"	"	"	"	"	"	
<b>S-B-09-3-B-120314 (1412064-18) Liquid Sampled: 12/03/14 01:55 Received: 12/03/14 15:20</b>									
Copper	36	1.0	µg/L	1	B4L0415	12/04/14	12/05/14 18:55	EPA 200.8	
Zinc	130	1.0	"	"	"	"	"	"	

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Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

**Reported:**  
 12/11/14 08:50

**Trivalent Chromium by Calculation**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-120214 (1412064-01) Liquid Sampled: 12/02/14 18:01 Received: 12/03/14 15:20</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4L0360	12/03/14	12/08/14 13:11	Calculation	
<b>C-B03-2-120214 (1412064-02) Liquid Sampled: 12/02/14 18:10 Received: 12/03/14 15:20</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4L0360	12/03/14	12/08/14 13:11	Calculation	
<b>C-B05-4-120214 (1412064-03) Liquid Sampled: 12/02/14 18:20 Received: 12/03/14 15:20</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4L0360	12/03/14	12/08/14 13:11	Calculation	
<b>C-B06-5A-120214 (1412064-04) Liquid Sampled: 12/02/14 16:20 Received: 12/03/14 15:20</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4L0360	12/03/14	12/08/14 13:11	Calculation	

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**Trivalent Chromium by Calculation (Dissolved)**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-120214 (1412064-01) Liquid Sampled: 12/02/14 18:01 Received: 12/03/14 15:20</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4L0361	12/03/14	12/05/14 19:36	Calculation	
<b>C-B03-2-120214 (1412064-02) Liquid Sampled: 12/02/14 18:10 Received: 12/03/14 15:20</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4L0361	12/03/14	12/05/14 19:36	Calculation	
<b>C-B05-4-120214 (1412064-03) Liquid Sampled: 12/02/14 18:20 Received: 12/03/14 15:20</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4L0361	12/03/14	12/05/14 19:36	Calculation	
<b>C-B06-5A-120214 (1412064-04) Liquid Sampled: 12/02/14 16:20 Received: 12/03/14 15:20</b>									
Trivalent Chromium	ND	0.010	mg/L	1	B4L0361	12/03/14	12/05/14 19:36	Calculation	

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-120214 (1412064-01) Liquid    Sampled: 12/02/14 18:01    Received: 12/03/14 15:20</b>									
Aldrin	ND	0.075	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	"
HCH-beta	ND	0.050	"	"	"	"	"	"	"
HCH-delta	ND	0.10	"	"	"	"	"	"	"
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	"
Chlordane	ND	0.050	"	"	"	"	"	"	"
4,4'-DDD	ND	0.010	"	"	"	"	"	"	"
4,4'-DDE	ND	0.010	"	"	"	"	"	"	"
4,4'-DDT	ND	0.010	"	"	"	"	"	"	"
Dieldrin	ND	0.020	"	"	"	"	"	"	"
Endosulfan I	ND	0.020	"	"	"	"	"	"	"
Endosulfan II	ND	0.050	"	"	"	"	"	"	"
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	"
Endrin	ND	0.10	"	"	"	"	"	"	"
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	"
Heptachlor	ND	0.010	"	"	"	"	"	"	"
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	"
Toxaphene	ND	1.0	"	"	"	"	"	"	"
PCB-1016	ND	0.50	"	"	"	"	"	"	"
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl		126 %	42-147	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		58.4 %	42-147	"	"	"	"	"	"

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B03-2-120214 (1412064-02) Liquid Sampled: 12/02/14 18:10 Received: 12/03/14 15:20</b>									
Aldrin	ND	0.075	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	"
HCH-beta	ND	0.050	"	"	"	"	"	"	"
HCH-delta	ND	0.10	"	"	"	"	"	"	"
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	"
Chlordane	ND	0.050	"	"	"	"	"	"	"
4,4'-DDD	ND	0.010	"	"	"	"	"	"	"
4,4'-DDE	ND	0.010	"	"	"	"	"	"	"
4,4'-DDT	ND	0.010	"	"	"	"	"	"	"
Dieldrin	ND	0.020	"	"	"	"	"	"	"
Endosulfan I	ND	0.020	"	"	"	"	"	"	"
Endosulfan II	ND	0.050	"	"	"	"	"	"	"
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	"
Endrin	ND	0.10	"	"	"	"	"	"	"
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	"
Heptachlor	ND	0.010	"	"	"	"	"	"	"
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	"
Toxaphene	ND	1.0	"	"	"	"	"	"	"
PCB-1016	ND	0.50	"	"	"	"	"	"	"
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl		129 %	42-147	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		52.4 %	42-147	"	"	"	"	"	"

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B05-4-120214 (1412064-03) Liquid Sampled: 12/02/14 18:20 Received: 12/03/14 15:20</b>									
Aldrin	ND	0.075	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	"
HCH-beta	ND	0.050	"	"	"	"	"	"	"
HCH-delta	ND	0.10	"	"	"	"	"	"	"
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	"
Chlordane	ND	0.050	"	"	"	"	"	"	"
4,4'-DDD	ND	0.010	"	"	"	"	"	"	"
4,4'-DDE	ND	0.010	"	"	"	"	"	"	"
4,4'-DDT	ND	0.010	"	"	"	"	"	"	"
Dieldrin	ND	0.020	"	"	"	"	"	"	"
Endosulfan I	ND	0.020	"	"	"	"	"	"	"
Endosulfan II	ND	0.050	"	"	"	"	"	"	"
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	"
Endrin	ND	0.10	"	"	"	"	"	"	"
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	"
Heptachlor	ND	0.010	"	"	"	"	"	"	"
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	"
Toxaphene	ND	1.0	"	"	"	"	"	"	"
PCB-1016	ND	0.50	"	"	"	"	"	"	"
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl		135 %	42-147	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		54.8 %	42-147	"	"	"	"	"	"

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B06-5A-120214 (1412064-04) Liquid    Sampled: 12/02/14 16:20    Received: 12/03/14 15:20</b>									
Aldrin	ND	0.075	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
HCH-alpha	ND	0.010	"	"	"	"	"	"	"
HCH-beta	ND	0.050	"	"	"	"	"	"	"
HCH-delta	ND	0.10	"	"	"	"	"	"	"
HCH-gamma (Lindane)	ND	0.20	"	"	"	"	"	"	"
Chlordane	ND	0.050	"	"	"	"	"	"	"
4,4'-DDD	ND	0.010	"	"	"	"	"	"	"
4,4'-DDE	ND	0.010	"	"	"	"	"	"	"
4,4'-DDT	ND	0.010	"	"	"	"	"	"	"
Dieldrin	ND	0.020	"	"	"	"	"	"	"
Endosulfan I	ND	0.020	"	"	"	"	"	"	"
Endosulfan II	ND	0.050	"	"	"	"	"	"	"
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	"
Endrin	ND	0.10	"	"	"	"	"	"	"
Endrin aldehyde	ND	0.050	"	"	"	"	"	"	"
Heptachlor	ND	0.010	"	"	"	"	"	"	"
Heptachlor epoxide	ND	0.010	"	"	"	"	"	"	"
Toxaphene	ND	1.0	"	"	"	"	"	"	"
PCB-1016	ND	0.50	"	"	"	"	"	"	"
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl		129 %	42-147	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		64.8 %	42-147	"	"	"	"	"	"

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B07-6-120214-DUP (1412064-05) Liquid Sampled: 12/02/14 16:45 Received: 12/03/14 15:20</b>									
PCB-1016	ND	0.50	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		110 %	42-147		"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		58.4 %	42-147		"	"	"	"	
<b>C-B07-6-120214-BLK (1412064-06) Liquid Sampled: 12/02/14 16:45 Received: 12/03/14 15:20</b>									
PCB-1016	ND	0.50	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		105 %	42-147		"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		111 %	42-147		"	"	"	"	
<b>C-B07-6-120214 (1412064-07) Liquid Sampled: 12/02/14 16:45 Received: 12/03/14 15:20</b>									
PCB-1016	ND	0.50	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		126 %	42-147		"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		57.6 %	42-147		"	"	"	"	

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B07-7-120214 (1412064-08) Liquid Sampled: 12/02/14 18:43 Received: 12/03/14 15:20</b>									
PCB-1016	ND	0.50	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		143 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		61.2 %	42-147	"	"	"	"	"	
<b>C-B08-8-120214 (1412064-10) Liquid Sampled: 12/02/14 19:35 Received: 12/03/14 15:20</b>									
PCB-1016	ND	0.50	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		131 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		62.4 %	42-147	"	"	"	"	"	
<b>C-B12-9A-120214 (1412064-11) Liquid Sampled: 12/02/14 11:04 Received: 12/03/14 15:20</b>									
PCB-1016	ND	0.50	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		122 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		59.6 %	42-147	"	"	"	"	"	

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Project Number: [none]  
Project Manager: Amanda Archenhold

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B09-10B-120214 (1412064-12) Liquid Sampled: 12/02/14 18:00 Received: 12/03/14 15:20</b>									
PCB-1016	ND	0.50	µg/L	1	B4L0237	12/04/14	12/05/14 08:41	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		136 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		68.0 %	42-147	"	"	"	"	"	
<b>S-B-09-3-I-120214 (1412064-15) Liquid Sampled: 12/02/14 18:10 Received: 12/03/14 15:20</b>									
PCB-1016	ND	0.50	µg/L	1	B4L0852	12/05/14	12/08/14 08:37	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		124 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		62.8 %	42-147	"	"	"	"	"	
<b>S-B-09-3-E-120214 (1412064-17) Liquid Sampled: 12/02/14 18:08 Received: 12/03/14 15:20</b>									
PCB-1016	ND	0.50	µg/L	1	B4L0852	12/05/14	12/08/14 08:37	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	
PCB-1232	ND	0.50	"	"	"	"	"	"	
PCB-1242	ND	0.50	"	"	"	"	"	"	
PCB-1248	ND	0.50	"	"	"	"	"	"	
PCB-1254	ND	0.50	"	"	"	"	"	"	
PCB-1260	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		124 %	42-147	"	"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		62.4 %	42-147	"	"	"	"	"	

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**Organochlorine Pesticides and PCBs by EPA Method 608**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-B-09-3-B-120214 (1412064-19) Liquid Sampled: 12/03/14 18:28 Received: 12/03/14 15:20</b>									
PCB-1016	ND	0.50	µg/L	1	B4L0852	12/05/14	12/08/14 08:37	EPA 608	
PCB-1221	ND	0.50	"	"	"	"	"	"	"
PCB-1232	ND	0.50	"	"	"	"	"	"	"
PCB-1242	ND	0.50	"	"	"	"	"	"	"
PCB-1248	ND	0.50	"	"	"	"	"	"	"
PCB-1254	ND	0.50	"	"	"	"	"	"	"
PCB-1260	ND	0.50	"	"	"	"	"	"	"
<i>Surrogate: Decachlorobiphenyl</i>		121 %		42-147	"	"	"	"	"
<i>Surrogate: Tetrachloro-meta-xylene</i>		70.4 %		42-147	"	"	"	"	"

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 Project Number: [none]  
 Project Manager: Amanda Archenhold

**Reported:**  
 12/11/14 08:50

**Organics by GC-FID**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes	
		Limit	Units							
<b>C-B08-8-120214 (1412064-09) Liquid    Sampled: 12/02/14 17:18    Received: 12/03/14 15:20</b>										
Ethylene glycol	ND	5.0	mg/L	1	B4L0403	12/04/14	12/05/14 08:49	EPA 8015B		
Propylene glycol	ND	1.0	"	"	"	"	"	"	"	
<b>S-B06-12-120214 (1412064-13) Liquid    Sampled: 12/02/14 17:37    Received: 12/03/14 15:20</b>										
Ethylene glycol	ND	5.0	mg/L	1	B4L0403	12/04/14	12/05/14 08:49	EPA 8015B		
Propylene glycol	ND	1.0	"	"	"	"	"	"	"	

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Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

**Total Petroleum Hydrocarbons (TPH) by GC/FID**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B01-1B-120214 (1412064-01) Liquid    Sampled: 12/02/14 18:01    Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 13:33	EPA 8015B	
Surrogate: o-Terphenyl		69.2 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		69.2 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		69.2 %	60-175		"	"	"	"	
<b>C-B03-2-120214 (1412064-02) Liquid    Sampled: 12/02/14 18:10    Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 13:44	EPA 8015B	D-42
Surrogate: o-Terphenyl		73.2 %	60-175		"	"	"	"	
Jet-A	<b>0.11</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		73.2 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	<b>0.063</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		73.2 %	60-175		"	"	"	"	
<b>C-B05-4-120214 (1412064-03) Liquid    Sampled: 12/02/14 18:20    Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 14:41	EPA 8015B	
Surrogate: o-Terphenyl		94.0 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		94.0 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		94.0 %	60-175		"	"	"	"	
<b>C-B06-5A-120214 (1412064-04) Liquid    Sampled: 12/02/14 16:20    Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 13:55	EPA 8015B	
Surrogate: o-Terphenyl		77.6 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		77.6 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		77.6 %	60-175		"	"	"	"	

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Project Number: [none]  
Project Manager: Amanda Archenhold

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**Total Petroleum Hydrocarbons (TPH) by GC/FID**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B07-6-120214-DUP (1412064-05) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 14:53	EPA 8015B	D-42
Surrogate: o-Terphenyl		76.4 %	60-175		"	"	"	"	
<b>Jet-A</b>	<b>0.32</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		76.4 %	60-175		"	"	"	"	
<b>Oil Range Organics (C22-C36)</b>	<b>0.53</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		76.4 %	60-175		"	"	"	"	
<b>C-B07-6-120214-BLK (1412064-06) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 14:07	EPA 8015B	
Surrogate: o-Terphenyl		87.6 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		87.6 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		87.6 %	60-175		"	"	"	"	
<b>C-B07-6-120214 (1412064-07) Liquid    Sampled: 12/02/14 16:45    Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 15:05	EPA 8015B	D-42
Surrogate: o-Terphenyl		99.6 %	60-175		"	"	"	"	
<b>Jet-A</b>	<b>0.36</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		99.6 %	60-175		"	"	"	"	
<b>Oil Range Organics (C22-C36)</b>	<b>0.61</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		99.6 %	60-175		"	"	"	"	
<b>C-B07-7-120214 (1412064-08) Liquid    Sampled: 12/02/14 18:43    Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 15:16	EPA 8015B	D-42
Surrogate: o-Terphenyl		99.6 %	60-175		"	"	"	"	
<b>Jet-A</b>	<b>0.38</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		99.6 %	60-175		"	"	"	"	
<b>Oil Range Organics (C22-C36)</b>	<b>0.64</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		99.6 %	60-175		"	"	"	"	

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**Total Petroleum Hydrocarbons (TPH) by GC/FID**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-B08-8-120214 (1412064-10) Liquid Sampled: 12/02/14 19:35 Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 14:18	EPA 8015B	
Surrogate: o-Terphenyl		105 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		105 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		105 %	60-175		"	"	"	"	
<b>C-B12-9A-120214 (1412064-11) Liquid Sampled: 12/02/14 11:04 Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 14:30	EPA 8015B	
Surrogate: o-Terphenyl		69.6 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		69.6 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		69.6 %	60-175		"	"	"	"	
<b>C-B09-10B-120214 (1412064-12) Liquid Sampled: 12/02/14 18:00 Received: 12/03/14 15:20</b>									
Diesel Range Organics (C10-C24)	ND	0.050	mg/L	1	B4L1059	12/05/14	12/09/14 15:28	EPA 8015B	D-42
Surrogate: o-Terphenyl		92.8 %	60-175		"	"	"	"	
Jet-A	ND	0.050	"	"	"	"	"	"	D-42
Surrogate: o-Terphenyl		92.8 %	60-175		"	"	"	"	
<b>Oil Range Organics (C22-C36)</b>	<b>0.090</b>	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		92.8 %	60-175		"	"	"	"	

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Reported:  
12/11/14 08:50

**Polynuclear Aromatic Compounds by EPA Method 8310**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**C-B01-1B-120214 (1412064-01) Liquid Sampled: 12/02/14 18:01 Received: 12/03/14 15:20**

Naphthalene	ND	0.500	µg/L	1	B4L0856	12/05/14	12/08/14 13:50	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 104 % 30-115 " " " "

**C-B03-2-120214 (1412064-02) Liquid Sampled: 12/02/14 18:10 Received: 12/03/14 15:20**

Naphthalene	ND	0.500	µg/L	1	B4L0856	12/05/14	12/08/14 13:50	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 33.0 % 30-115 " " " "

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Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

**Polynuclear Aromatic Compounds by EPA Method 8310**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**C-B05-4-120214 (1412064-03) Liquid Sampled: 12/02/14 18:20 Received: 12/03/14 15:20**

Naphthalene	ND	0.500	µg/L	1	B4L0856	12/05/14	12/08/14 13:50	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"
<i>Surrogate: Decafluorobiphenyl</i>		39.6 %		30-115	"	"	"	"	"

**C-B06-5A-120214 (1412064-04) Liquid Sampled: 12/02/14 16:20 Received: 12/03/14 15:20**

Naphthalene	ND	0.500	µg/L	1	B4L0856	12/05/14	12/08/14 13:50	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"
<i>Surrogate: Decafluorobiphenyl</i>		53.0 %		30-115	"	"	"	"	"

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Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

**Polynuclear Aromatic Compounds by EPA Method 8310**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**C-B07-6-120214 (1412064-07) Liquid Sampled: 12/02/14 16:45 Received: 12/03/14 15:20**

Naphthalene	ND	0.500	µg/L	1	B4L0856	12/05/14	12/08/14 13:50	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"
<i>Surrogate: Decafluorobiphenyl</i>		104 %		30-115	"	"	"	"	"

**S-B-09-3-I-120214 (1412064-15) Liquid Sampled: 12/02/14 18:10 Received: 12/03/14 15:20**

Naphthalene	ND	0.500	µg/L	1	B4L0856	12/05/14	12/08/14 13:50	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"
<i>Surrogate: Decafluorobiphenyl</i>		46.4 %		30-115	"	"	"	"	"

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Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

**Polynuclear Aromatic Compounds by EPA Method 8310**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**S-B-09-3-E-120214 (1412064-17) Liquid Sampled: 12/02/14 18:08 Received: 12/03/14 15:20**

Naphthalene	ND	0.500	µg/L	1	B4L0856	12/05/14	12/08/14 13:50	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 88.6 % 30-115 " " " "

**S-B-09-3-B-120214 (1412064-19) Liquid Sampled: 12/03/14 18:28 Received: 12/03/14 15:20**

Naphthalene	ND	0.500	µg/L	1	B4L0856	12/05/14	12/08/14 13:50	EPA 8310	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	"
Acenaphthene	ND	1.00	"	"	"	"	"	"	"
Fluorene	ND	0.100	"	"	"	"	"	"	"
Phenanthrene	ND	0.100	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.100	"	"	"	"	"	"	"
Pyrene	ND	0.100	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.100	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.100	"	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	"

Surrogate: Decafluorobiphenyl 32.8 % 30-115 " " " "

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Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

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12/11/14 08:50

**Metals by EPA 200 Series Methods - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0358 - EPA 200 Series**

<b>Blank (B4L0358-BLK1)</b>										
Prepared & Analyzed: 12/03/14										
Hexavalent Chromium	ND	0.0020	mg/L							
<b>LCS (B4L0358-BS1)</b>										
Prepared & Analyzed: 12/03/14										
Hexavalent Chromium	0.00299	0.0020	mg/L	0.00300		99.7	85-115			
<b>Matrix Spike (B4L0358-MS1)</b>										
Source: 1412064-01 Prepared & Analyzed: 12/03/14										
Hexavalent Chromium	0.00413	0.0020	mg/L	0.00300	0.0017	81.0	80-120			
<b>Matrix Spike Dup (B4L0358-MSD1)</b>										
Source: 1412064-01 Prepared & Analyzed: 12/03/14										
Hexavalent Chromium	0.00420	0.0020	mg/L	0.00300	0.0017	83.3	80-120	1.68	20	

**Batch B4L0411 - EPA 200 Series**

<b>Blank (B4L0411-BLK1)</b>										
Prepared: 12/04/14 Analyzed: 12/05/14										
Mercury	ND	0.00030	mg/L							
<b>LCS (B4L0411-BS1)</b>										
Prepared: 12/04/14 Analyzed: 12/05/14										
Mercury	0.00105	0.00030	mg/L	0.00100		105	75-125			
<b>Matrix Spike (B4L0411-MS1)</b>										
Source: 1412064-01 Prepared: 12/04/14 Analyzed: 12/05/14										
Mercury	0.00104	0.00030	mg/L	0.00100	0.00014	90.0	75-125			
<b>Matrix Spike Dup (B4L0411-MSD1)</b>										
Source: 1412064-01 Prepared: 12/04/14 Analyzed: 12/05/14										
Mercury	0.00102	0.00030	mg/L	0.00100	0.00014	88.0	75-125	1.94	20	

**Batch B4L0414 - EPA 200 Series**

<b>Blank (B4L0414-BLK1)</b>										
Prepared: 12/04/14 Analyzed: 12/08/14										
Aluminum	ND	25	µg/L							
Arsenic	ND	3.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	3.0	"							
Copper	ND	1.0	"							
Iron	ND	0.025	mg/L							
Lead	ND	1.0	µg/L							
Nickel	ND	5.0	"							
Silver	ND	1.5	"							
Zinc	ND	1.0	"							

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 Project Number: [none]  
 Project Manager: Amanda Archenhold

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**Metals by EPA 200 Series Methods - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0414 - EPA 200 Series**

**Blank (B4L0414-BLK2)**

Prepared: 12/04/14 Analyzed: 12/08/14

Aluminum	ND	25	µg/L							
Arsenic	ND	3.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	3.0	"							
Copper	ND	1.0	"							
Iron	ND	0.025	mg/L							
Lead	ND	1.0	µg/L							
Nickel	ND	5.0	"							
Silver	ND	1.5	"							
Zinc	ND	1.0	"							

**LCS (B4L0414-BS1)**

Prepared: 12/04/14 Analyzed: 12/08/14

Aluminum	104	25	µg/L	100	104	85-115
Arsenic	107	3.0	"	100	107	85-115
Cadmium	102	2.0	"	100	102	85-115
Chromium	106	3.0	"	100	106	85-115
Copper	107	1.0	"	100	107	85-115
Iron	0.112	0.025	mg/L	0.100	112	85-115
Lead	110	1.0	µg/L	100	110	85-115
Nickel	111	5.0	"	100	111	85-115
Silver	103	1.5	"	100	103	85-115
Zinc	110	1.0	"	100	110	85-115

**LCS (B4L0414-BS2)**

Prepared: 12/04/14 Analyzed: 12/08/14

Aluminum	91.1	25	µg/L	100	91.1	85-115
Arsenic	91.5	3.0	"	100	91.5	85-115
Cadmium	96.5	2.0	"	100	96.5	85-115
Chromium	94.5	3.0	"	100	94.5	85-115
Copper	93.8	1.0	"	100	93.8	85-115
Iron	0.0990	0.025	mg/L	0.100	99.0	85-115
Lead	96.3	1.0	µg/L	100	96.3	85-115
Nickel	99.6	5.0	"	100	99.6	85-115
Silver	102	1.5	"	100	102	85-115
Zinc	104	1.0	"	100	104	85-115

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Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
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**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0414 - EPA 200 Series**

**Matrix Spike (B4L0414-MS1)**

Source: 1412064-01 Prepared: 12/04/14 Analyzed: 12/08/14

Aluminum	537	25	µg/L	100	430	107	70-130			
Arsenic	102	3.0	"	100	ND	102	70-130			
Cadmium	101	2.0	"	100	0.20	101	70-130			
Chromium	108	3.0	"	100	5.1	103	75-130			
Copper	174	1.0	"	100	64	110	70-130			
Iron	0.587	0.025	mg/L	0.100	0.50	87.0	70-130			
Lead	107	1.0	µg/L	100	3.7	103	70-130			
Nickel	116	5.0	"	100	9.2	107	70-130			
Silver	109	1.5	"	100	ND	109	70-130			
Zinc	181	1.0	"	100	67	114	70-130			

**Matrix Spike (B4L0414-MS2)**

Source: 1412064-12 Prepared: 12/04/14 Analyzed: 12/08/14

Aluminum	433	25	µg/L	100	330	103	70-130			
Arsenic	106	3.0	"	100	ND	106	70-130			
Cadmium	100	2.0	"	100	ND	100	70-130			
Chromium	104	3.0	"	100	2.7	101	75-130			
Copper	161	1.0	"	100	55	106	70-130			
Iron	0.508	0.025	mg/L	0.100	0.41	98.0	70-130			
Lead	109	1.0	µg/L	100	2.7	106	70-130			
Nickel	114	5.0	"	100	6.4	108	70-130			
Silver	108	1.5	"	100	ND	108	70-130			
Zinc	355	1.0	"	100	240	115	70-130			

**Matrix Spike Dup (B4L0414-MSD1)**

Source: 1412064-01 Prepared: 12/04/14 Analyzed: 12/08/14

Aluminum	513	25	µg/L	100	430	83.0	70-130	4.57	30	
Arsenic	100	3.0	"	100	ND	100	70-130	1.98	30	
Cadmium	105	2.0	"	100	0.20	105	70-130	3.88	30	
Chromium	107	3.0	"	100	5.1	102	75-130	0.930	30	
Copper	166	1.0	"	100	64	102	70-130	4.71	30	
Iron	0.564	0.025	mg/L	0.100	0.50	64.0	70-130	4.00	30	QM-07
Lead	106	1.0	µg/L	100	3.7	102	70-130	0.939	30	
Nickel	114	5.0	"	100	9.2	105	70-130	1.74	30	
Silver	104	1.5	"	100	ND	104	70-130	4.69	30	
Zinc	178	1.0	"	100	67	111	70-130	1.67	30	

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 Project Manager: Amanda Archenhold

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**Metals by EPA 200 Series Methods - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0414 - EPA 200 Series**

<b>Matrix Spike Dup (B4L0414-MSD2)</b>	<b>Source: 1412064-12</b>			<b>Prepared: 12/04/14</b>		<b>Analyzed: 12/08/14</b>				
Aluminum	429	25	µg/L	100	330	99.0	70-130	0.928	30	
Arsenic	101	3.0	"	100	ND	101	70-130	4.83	30	
Cadmium	104	2.0	"	100	ND	104	70-130	3.92	30	
Chromium	106	3.0	"	100	2.7	103	75-130	1.90	30	
Copper	158	1.0	"	100	55	103	70-130	1.88	30	
Iron	0.502	0.025	mg/L	0.100	0.41	92.0	70-130	1.19	30	
Lead	106	1.0	µg/L	100	2.7	103	70-130	2.79	30	
Nickel	112	5.0	"	100	6.4	106	70-130	1.77	30	
Silver	106	1.5	"	100	ND	106	70-130	1.87	30	
Zinc	352	1.0	"	100	240	112	70-130	0.849	30	

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Project Number: [none]  
Project Manager: Amanda Archenhold

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0359 - EPA 200 Series**

<b>Blank (B4L0359-BLK1)</b>										
Prepared & Analyzed: 12/03/14										
Hexavalent Chromium	ND	0.0020	mg/L							
<b>LCS (B4L0359-BS1)</b>										
Prepared & Analyzed: 12/03/14										
Hexavalent Chromium	0.00302	0.0020	mg/L	0.00300		101	85-115			
<b>Matrix Spike (B4L0359-MS1)</b>										
Source: 1412064-01 Prepared & Analyzed: 12/03/14										
Hexavalent Chromium	0.00411	0.0020	mg/L	0.00300	0.0012	97.0	80-120			
<b>Matrix Spike Dup (B4L0359-MSD1)</b>										
Source: 1412064-01 Prepared & Analyzed: 12/03/14										
Hexavalent Chromium	0.00409	0.0020	mg/L	0.00300	0.0012	96.3	80-120	0.488	20	

**Batch B4L0412 - EPA 200 Series**

<b>Blank (B4L0412-BLK1)</b>										
Prepared: 12/04/14 Analyzed: 12/05/14										
Mercury	ND	0.00073	mg/L							
<b>LCS (B4L0412-BS1)</b>										
Prepared: 12/04/14 Analyzed: 12/05/14										
Mercury	0.00102	0.00073	mg/L	0.00100		102	80-120			
<b>Matrix Spike (B4L0412-MS1)</b>										
Source: 1412064-01 Prepared: 12/04/14 Analyzed: 12/05/14										
Mercury	0.00103	0.00073	mg/L	0.00100	ND	103	80-120			
<b>Matrix Spike Dup (B4L0412-MSD1)</b>										
Source: 1412064-01 Prepared: 12/04/14 Analyzed: 12/05/14										
Mercury	0.00111	0.00073	mg/L	0.00100	ND	111	80-120	7.48	20	

**Batch B4L0415 - EPA 200 Series**

<b>Blank (B4L0415-BLK1)</b>										
Prepared: 12/04/14 Analyzed: 12/05/14										
Arsenic	ND	3.0	µg/L							
Cadmium	ND	2.0	"							
Chromium	ND	3.0	"							
Copper	ND	1.0	"							
Lead	ND	2.0	"							
Nickel	ND	5.0	"							
Silver	ND	1.5	"							
Zinc	ND	1.0	"							

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 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/11/14 08:50

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

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0415 - EPA 200 Series**

**Blank (B4L0415-BLK2)**

Prepared: 12/04/14 Analyzed: 12/05/14

Arsenic	ND	3.0	µg/L							
Cadmium	ND	2.0	"							
Chromium	ND	3.0	"							
Copper	ND	1.0	"							
Lead	ND	2.0	"							
Nickel	ND	5.0	"							
Silver	ND	1.5	"							
Zinc	ND	1.0	"							

**LCS (B4L0415-BS1)**

Prepared: 12/04/14 Analyzed: 12/05/14

Arsenic	110	3.0	µg/L	100	110	85-115
Cadmium	108	2.0	"	100	108	85-115
Chromium	114	3.0	"	100	114	85-115
Copper	112	1.0	"	100	112	85-115
Lead	114	2.0	"	100	114	85-115
Nickel	115	5.0	"	100	115	85-115
Silver	115	1.5	"	100	115	85-115
Zinc	109	1.0	"	100	109	85-115

**LCS (B4L0415-BS2)**

Prepared: 12/04/14 Analyzed: 12/05/14

Arsenic	110	3.0	µg/L	100	110	85-115
Cadmium	107	2.0	"	100	107	85-115
Chromium	112	3.0	"	100	112	85-115
Copper	114	1.0	"	100	114	85-115
Lead	113	2.0	"	100	113	85-115
Nickel	115	5.0	"	100	115	85-115
Silver	102	1.5	"	100	102	85-115
Zinc	106	1.0	"	100	106	85-115

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

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0415 - EPA 200 Series**

**Matrix Spike (B4L0415-MS1)**

Source: 1412064-01

Prepared: 12/04/14

Analyzed: 12/05/14

Arsenic	105	3.0	µg/L	100	ND	105	70-130			
Cadmium	106	2.0	"	100	0.20	106	70-130			
Chromium	115	3.0	"	100	4.9	110	70-130			
Copper	174	1.0	"	100	61	113	70-130			
Lead	114	2.0	"	100	2.8	111	70-130			
Nickel	121	5.0	"	100	8.5	112	70-130			
Silver	116	1.5	"	100	0.50	116	70-130			
Zinc	178	1.0	"	100	62	116	70-130			

**Matrix Spike (B4L0415-MS2)**

Source: 1412064-12

Prepared: 12/04/14

Analyzed: 12/05/14

Arsenic	99.6	3.0	µg/L	100	ND	99.6	70-130			
Cadmium	96.7	2.0	"	100	ND	96.7	70-130			
Chromium	97.9	3.0	"	100	2.3	95.6	70-130			
Copper	150	1.0	"	100	50	100	70-130			
Lead	97.9	2.0	"	100	1.9	96.0	70-130			
Nickel	104	5.0	"	100	5.9	98.1	70-130			
Silver	99.8	1.5	"	100	ND	99.8	70-130			
Zinc	298	1.0	"	100	200	98.0	70-130			

**Matrix Spike Dup (B4L0415-MSD1)**

Source: 1412064-01

Prepared: 12/04/14

Analyzed: 12/05/14

Arsenic	112	3.0	µg/L	100	ND	112	70-130	6.45	30	
Cadmium	106	2.0	"	100	0.20	106	70-130	0.00	30	
Chromium	114	3.0	"	100	4.9	109	70-130	0.873	30	
Copper	174	1.0	"	100	61	113	70-130	0.00	30	
Lead	114	2.0	"	100	2.8	111	70-130	0.00	30	
Nickel	121	5.0	"	100	8.5	112	70-130	0.00	30	
Silver	116	1.5	"	100	0.50	116	70-130	0.00	30	
Zinc	180	1.0	"	100	62	118	70-130	1.12	30	

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 Project Number: [none]  
 Project Manager: Amanda Archenhold

**Reported:**  
 12/11/14 08:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0415 - EPA 200 Series**

<b>Matrix Spike Dup (B4L0415-MSD2)</b>	<b>Source: 1412064-12</b>			<b>Prepared: 12/04/14</b>		<b>Analyzed: 12/05/14</b>				
Arsenic	97.6	3.0	µg/L	100	ND	97.6	70-130	2.03	30	
Cadmium	95.1	2.0	"	100	ND	95.1	70-130	1.67	30	
Chromium	96.2	3.0	"	100	2.3	93.9	70-130	1.75	30	
Copper	146	1.0	"	100	50	96.0	70-130	2.70	30	
Lead	95.8	2.0	"	100	1.9	93.9	70-130	2.17	30	
Nickel	102	5.0	"	100	5.9	96.1	70-130	1.94	30	
Silver	97.2	1.5	"	100	ND	97.2	70-130	2.64	30	
Zinc	296	1.0	"	100	200	96.0	70-130	0.673	30	

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Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

**Organochlorine Pesticides and PCBs by EPA Method 608 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0237 - EPA 3510C Sep Funnel**

**Blank (B4L0237-BLK1)**

Prepared: 12/02/14 Analyzed: 12/05/14

Aldrin	ND	0.075	µg/L							
PCB-1016	ND	0.50	"							
HCH-alpha	ND	0.010	"							
PCB-1221	ND	0.50	"							
HCH-beta	ND	0.050	"							
PCB-1232	ND	0.50	"							
HCH-delta	ND	0.10	"							
PCB-1242	ND	0.50	"							
HCH-gamma (Lindane)	ND	0.20	"							
PCB-1248	ND	0.50	"							
Chlordane	ND	0.050	"							
PCB-1254	ND	0.50	"							
4,4'-DDD	ND	0.010	"							
PCB-1260	ND	0.50	"							
4,4'-DDE	ND	0.010	"							
4,4'-DDT	ND	0.010	"							
Dieldrin	ND	0.020	"							
Endosulfan I	ND	0.020	"							
Endosulfan II	ND	0.050	"							
Endosulfan sulfate	ND	0.050	"							
Endrin	ND	0.10	"							
Endrin aldehyde	ND	0.050	"							
Heptachlor	ND	0.010	"							
Heptachlor epoxide	ND	0.010	"							
Toxaphene	ND	1.0	"							
PCB-1016	ND	0.50	"							
PCB-1221	ND	0.50	"							
PCB-1232	ND	0.50	"							
PCB-1242	ND	0.50	"							
PCB-1248	ND	0.50	"							
PCB-1254	ND	0.50	"							
PCB-1260	ND	0.50	"							
Surrogate: Decachlorobiphenyl	0.283		"	0.250		113	42-147			
Surrogate: Tetrachloro-meta-xylene	0.180		"	0.250		72.0	42-147			
Surrogate: Decachlorobiphenyl	0.283		"	0.250		113	42-147			
Surrogate: Tetrachloro-meta-xylene	0.180		"	0.250		72.0	42-147			

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.



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

**Organochlorine Pesticides and PCBs by EPA Method 608 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0237 - EPA 3510C Sep Funnel**

**LCS (B4L0237-BS1)**

Prepared: 12/02/14 Analyzed: 12/05/14

Aldrin	0.0809	0.075	µg/L	0.0800		101	80-120			
HCH-gamma (Lindane)	0.0729	0.20	"	0.0800		91.1	80-120			
PCB-1260	1.86	0.50	"	2.00		93.0	80-120			
4,4'-DDT	0.191	0.010	"	0.200		95.5	80-120			
Dieldrin	0.203	0.020	"	0.200		102	80-120			
Heptachlor	0.0709	0.010	"	0.0800		88.6	80-120			

**LCS (B4L0237-BS2)**

Prepared: 12/02/14 Analyzed: 12/05/14

Aldrin	0.0874	0.075	µg/L	0.0800		109	80-120			
HCH-gamma (Lindane)	0.0748	0.20	"	0.0800		93.5	80-120			
PCB-1260	2.18	0.50	"	2.00		109	80-120			
4,4'-DDT	0.228	0.010	"	0.200		114	80-120			
Dieldrin	0.232	0.020	"	0.200		116	80-120			
Heptachlor	0.0737	0.010	"	0.0800		92.1	80-120			

**LCS Dup (B4L0237-BSD1)**

Prepared: 12/02/14 Analyzed: 12/05/14

Aldrin	0.0817	0.075	µg/L	0.0800		102	80-120	0.984	30	
HCH-gamma (Lindane)	0.0880	0.20	"	0.0800		110	80-120	18.8	30	
PCB-1260	2.09	0.50	"	2.00		104	80-120	11.6	30	
4,4'-DDT	0.162	0.010	"	0.200		81.0	80-120	16.4	30	
Dieldrin	0.163	0.020	"	0.200		81.5	80-120	21.9	30	
Heptachlor	0.0761	0.010	"	0.0800		95.1	80-120	7.07	30	

**Batch B4L0852 - EPA 3510C Sep Funnel**

**Blank (B4L0852-BLK1)**

Prepared: 12/05/14 Analyzed: 12/08/14

PCB-1016	ND	0.50	µg/L							
PCB-1221	ND	0.50	"							
PCB-1232	ND	0.50	"							
PCB-1242	ND	0.50	"							
PCB-1248	ND	0.50	"							
PCB-1254	ND	0.50	"							
PCB-1260	ND	0.50	"							
Surrogate: Decachlorobiphenyl	0.367		"	0.250		147	42-147			
Surrogate: Tetrachloro-meta-xylene	0.202		"	0.250		80.8	42-147			

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AMEC  
 9177 Sky Park Court Suite A  
 San Diego CA, 92123

Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/11/14 08:50

**Organochlorine Pesticides and PCBs by EPA Method 608 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0852 - EPA 3510C Sep Funnel**

**LCS (B4L0852-BS1)**

Prepared: 12/05/14 Analyzed: 12/08/14

PCB-1260	2.31	0.50	µg/L	2.00		116	80-120			
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**LCS (B4L0852-BS2)**

Prepared: 12/05/14 Analyzed: 12/08/14

PCB-1260	2.28	0.50	µg/L	2.00		114	80-120			
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**LCS Dup (B4L0852-BSD1)**

Prepared: 12/05/14 Analyzed: 12/08/14

PCB-1260	1.98	0.50	µg/L	2.00		99.0	80-120	15.4	30	
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AMEC  
 9177 Sky Park Court Suite A  
 San Diego CA, 92123

Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

**Reported:**  
 12/11/14 08:50

**Organics by GC-FID - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0403 - EPA 5030B P & T**

**Blank (B4L0403-BLK1)**

Prepared: 12/04/14 Analyzed: 12/05/14

Ethylene glycol	ND	5.0	mg/L							
Propylene glycol	ND	1.0	"							

**LCS (B4L0403-BS1)**

Prepared: 12/04/14 Analyzed: 12/05/14

Ethylene glycol	9.85	5.0	mg/L	10.0		98.5	80-120			
Propylene glycol	10.3	1.0	"	10.0		103	80-120			

**Matrix Spike (B4L0403-MS1)**

Source: 1412064-09

Prepared: 12/04/14 Analyzed: 12/05/14

Ethylene glycol	8.87	5.0	mg/L	10.0	ND	88.7	57-127			
Propylene glycol	12.5	1.0	"	10.0	ND	125	57-127			

**Matrix Spike Dup (B4L0403-MSD1)**

Source: 1412064-09

Prepared: 12/04/14 Analyzed: 12/05/14

Ethylene glycol	10.7	5.0	mg/L	10.0	ND	107	57-127	18.7	200	
Propylene glycol	9.54	1.0	"	10.0	ND	95.4	57-127	26.9	200	

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AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

**Total Petroleum Hydrocarbons (TPH) by GC/FID - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L1059 - EPA 3510C Sep Funnel**

**Blank (B4L1059-BLK1)**

Prepared: 12/05/14 Analyzed: 12/09/14

Diesel Range Organics (C10-C24)	ND	0.050	mg/L							
Jet-A	ND	0.050	"							
Oil Range Organics (C22-C36)	ND	0.050	"							
<i>Surrogate: o-Terphenyl</i>	<i>0.0230</i>		<i>"</i>	<i>0.0250</i>		<i>92.0</i>	<i>60-175</i>			
<i>Surrogate: o-Terphenyl</i>	<i>0.0230</i>		<i>"</i>	<i>0.0250</i>		<i>92.0</i>	<i>60-175</i>			
<i>Surrogate: o-Terphenyl</i>	<i>0.0230</i>		<i>"</i>	<i>0.0250</i>		<i>92.0</i>	<i>60-175</i>			

**LCS (B4L1059-BS1)**

Prepared: 12/05/14 Analyzed: 12/09/14

Diesel Range Organics (C10-C24)	0.510	0.050	mg/L	0.500		102	80-120			
Diesel Range Organics (C10-C24)	0.510	0.050	"	0.500		102	80-120			
Diesel Range Organics (C10-C24)	0.510	0.050	"	0.500		102	80-120			

**Matrix Spike (B4L1059-MS1)**

Source: 1412064-01

Prepared: 12/05/14 Analyzed: 12/09/14

Diesel Range Organics (C10-C24)	0.517	0.050	mg/L	0.500	ND	103	50-150			
Diesel Range Organics (C10-C24)	0.517	0.050	"	0.500	ND	103	50-150			
Diesel Range Organics (C10-C24)	0.517	0.050	"	0.500	ND	103	50-150			

**Matrix Spike Dup (B4L1059-MSD1)**

Source: 1412064-01

Prepared: 12/05/14 Analyzed: 12/09/14

Diesel Range Organics (C10-C24)	0.512	0.050	mg/L	0.500	ND	102	50-150	0.972	30	
Diesel Range Organics (C10-C24)	0.512	0.050	"	0.500	ND	102	50-150	0.972	30	
Diesel Range Organics (C10-C24)	0.512	0.050	"	0.500	ND	102	50-150	0.972	30	

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AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

Reported:  
12/11/14 08:50

**Polynuclear Aromatic Compounds by EPA Method 8310 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0856 - EPA 3510C Sep Funnel**

**Blank (B4L0856-BLK1)**

Prepared: 12/05/14 Analyzed: 12/08/14

Naphthalene	ND	0.500	µg/L							
Acenaphthylene	ND	1.00	"							
Acenaphthene	ND	1.00	"							
Fluorene	ND	0.100	"							
Phenanthrene	ND	0.100	"							
Anthracene	ND	0.0500	"							
Fluoranthene	ND	0.100	"							
Pyrene	ND	0.100	"							
Benzo (a) anthracene	ND	0.0500	"							
Chrysene	ND	0.100	"							
Benzo (b) fluoranthene	ND	0.100	"							
Benzo (k) fluoranthene	ND	0.0500	"							
Benzo (a) pyrene	ND	0.0500	"							
Dibenzo(a,h)anthracene	ND	0.100	"							
Benzo (g,h,i) perylene	ND	0.100	"							
Indeno (1,2,3-cd) pyrene	ND	0.100	"							
<i>Surrogate: Decafluorobiphenyl</i>	5.12		"	5.00		102	30-115			

**LCS (B4L0856-BS1)**

Prepared: 12/05/14 Analyzed: 12/08/14

Naphthalene	0.790	0.500	µg/L	1.00		79.0	60-130			
Fluorene	0.932	0.100	"	1.00		93.2	60-130			
Pyrene	0.735	0.100	"	1.00		73.5	60-130			
Benzo (a) pyrene	0.802	0.0500	"	1.00		80.2	60-130			
Indeno (1,2,3-cd) pyrene	0.701	0.100	"	1.00		70.1	60-130			
<i>Surrogate: Decafluorobiphenyl</i>	5.00		"	5.00		100	30-115			

**LCS (B4L0856-BS2)**

Prepared: 12/05/14 Analyzed: 12/08/14

Naphthalene	0.810	0.500	µg/L	1.00		81.0	60-130			
Fluorene	0.981	0.100	"	1.00		98.1	60-130			
Pyrene	1.22	0.100	"	1.00		122	60-130			
Benzo (a) pyrene	0.980	0.0500	"	1.00		98.0	60-130			
Indeno (1,2,3-cd) pyrene	0.755	0.100	"	1.00		75.5	60-130			
<i>Surrogate: Decafluorobiphenyl</i>	5.00		"	5.00		100	30-115			

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AMEC  
 9177 Sky Park Court Suite A  
 San Diego CA, 92123

Project: San Diego Airport 2014-2015  
 Project Number: [none]  
 Project Manager: Amanda Archenhold

Reported:  
 12/11/14 08:50

**Polynuclear Aromatic Compounds by EPA Method 8310 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4L0856 - EPA 3510C Sep Funnel**

**LCS Dup (B4L0856-BSD1)**

Prepared: 12/05/14 Analyzed: 12/08/14

Naphthalene	0.745	0.500	µg/L	1.00		74.5	60-130	5.86	30	
Fluorene	0.874	0.100	"	1.00		87.4	60-130	6.42	30	
Pyrene	0.887	0.100	"	1.00		88.7	60-130	18.7	30	
Benzo (a) pyrene	0.878	0.0500	"	1.00		87.8	60-130	9.05	30	
Indeno (1,2,3-cd) pyrene	0.733	0.100	"	1.00		73.3	60-130	4.46	30	
Surrogate: Decafluorobiphenyl	5.00		"	5.00		100	30-115			

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.



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport 2014-2015  
Project Number: [none]  
Project Manager: Amanda Archenhold

**Reported:**  
12/11/14 08:50

### Notes and Definitions

_<0.1	<0.10
_<1.6	<1.6
_ND<1	<1
D-42	Sample non-detect (ND) for requested fuel type. Other hydrocarbons may be present.
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

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*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.*

# 15130644

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**

AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**

Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
C-B- DUPLICATE			pH, SC, TSS, total hardness, total (Al, As, Cd, Cu, Cr, III, Cr, VI, Fe, Pb, Hg, Ni, Ag, Zn), Dissolved (As, Cd, Cu, Cr, III, Cr, VI, Pb, Hg, Ni, Ag, Zn), BOD, COD, ammonia, MBAS,	0.5 Gallon Plastic	4°C	
<del>C-B- DUPLICATE</del>			<del>TPH (jet fuel, diesel, motor oil)</del>	<del>1L Amber Glass</del>	<del>4°C</del>	
01 C-B01-1B 120214	12/2/14	1801	Oil & Grease	1L Clear Glass	4°C	1
C-B01-1B 120214	12/02/14	1801	PAHs	1L Amber Glass	4°C	1
C-B01-1B 120214	12/02/14	1801	PCB, Chlordane	1L Amber Glass	4°C	1

Sampler's Initials: AC TMC  
 Relinquished By: TMC Date/Time: 12/3/14 13:45 Received By: [Signature] Date/Time: 12/3/14 13:45  
 Relinquished By: [Signature] Date/Time: 12/3/14 15:00 Received By: [Signature] Date/Time: 12-3-14 @ 15:20

1610064

**Analysis Request and Chain of Custody**

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
C-B01-1B	12/02/14	1801	pH, SC, TSS, total hardness, total (Al, As, Cd, Cu, Cr III, Cr VI, Fe, Pb, Hg, Ni, Ag, Zn), Dissolved (As, Cd, Cu, Cr III, Cr VI, Pb, Hg, Ni, Ag, Zn), BOD, COD, ammonia, MBAS,	0.5 Gallon Plastic	4°C	2
C-B01-1B		1801	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1
C-B03-2		1810	Oil & Grease	1L Clear Glass	4°C	1
C-B03-2		1810	PAHs	1L Amber Glass	4°C	1
C-B03-2		1816	PCB, Chlordane	1L Amber Glass	4°C	1

Sampler's Initials: TMC  
 Relinquished By: TMC Date/Time: 12/13/14 13:45 Received By: [Signature] Date/Time: 12/2/14  
 Relinquished By: [Signature] Date/Time: 12/3/14 15:20 Received By: [Signature] Date/Time: 03-14 15:20

# 1-1100051

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**

AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**

Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

Sample ID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
C-B03-2	12/02/14	1810	pH, SC, TSS, total hardness, total (Al, As, Cd, Cu, Cr III, Cr VI, Fe, Pb, Hg, Ni, Ag, Zn), Dissolved (As, Cd, Cu, Cr III, Cr VI, Pb, Hg, Ni, Ag, Zn), BOD, COD, ammonia, MBAS,	0.5 Gallon Plastic	4°C	2
C-B03-2		1810	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1
C-B05-4		1820	Oil & Grease	1L Clear Glass	4°C	1
C-B05-4		1820	PAHs	1L Amber Glass	4°C	1
C-B05-4		1820	PCB, Chlordane	1L Amber Glass	4°C	1

Sampler's Initials: TMC

Relinquished By: TMC

Relinquished By: [Signature]

Date/Time: 12/13/14 13:45

Received By: [Signature]

Date/Time: 12/14/14 15:20

Received By: [Signature]

Date/Time: 12/3/14

Date/Time: 12/04/14 05:00

#4410064

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**

AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**

Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
03 C-B05-4	12/02/14	1820	pH, SC, TSS, total hardness, total (Al, As, Cd, Cu, Cr III, Cr VI, Fe, Pb, Hg, Ni, Ag, Zn), Dissolved (As, Cd, Cu, Cr III, Cr VI, Pb, Hg, Ni, Ag, Zn), BOD, COD, ammonia, MBAS,	0.5 Gallon Plastic	4°C	2
C-B05-4		1820	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1
04 C-B06-5A		1620	Oil & Grease	1L Clear Glass	4°C	1
C-B06-5A		1620	PAHs	1L Amber Glass	4°C	1
C-B06-5A		1620	PCB, Chlordane	1L Amber Glass	4°C	1

Sampler's Initials: JMC Date/Time: 12/13/14 13:45 Received By: [Signature] Date/Time: 12/23/14

Relinquished By: [Signature] Date/Time: 12/13/14 15:20 Received By: [Signature] Date/Time: 12/23/14 15:20

Relinquished By: [Signature] Date/Time: 12/13/14 15:20 Received By: [Signature] Date/Time: 12/23/14 15:20

Page 4 of 18

\$1410064

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
04 C-B06-5A	12/02/14	1620	pH, SC, TSS, total hardness, total (Al, As, Cd, Cu, Cr III, Cr VI, Fe, Pb, Hg, Ni, Ag, Zn), Dissolved (As, Cd, Cu, Cr III, Cr VI, Pb, Hg, Ni, Ag, Zn), BOD, COD, ammonia, MBAS,	0.5 Gallon Plastic	4°C	2
C-B06-5A	12/02/14	1620	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1

Sampler's Initials: AMC  
 Relinquished By: [Signature] Date/Time: 12/13/14 13:45 Received By: [Signature] Date/Time: 12/3/14  
 Relinquished By: [Signature] Date/Time: 12/3/14 1520 Received By: [Signature] Date/Time: 12-04 @ 1520

14130654

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
<del>C-B-<u>BLK</u></del>			Oil & Grease	1L Clear Glass	4°C	
<del>C-B-<u>BLK</u></del>			PAHs	1L Amber Glass	4°C	
<del>C-B-<u>DUP</u></del>			Oil & Grease	1L Clear Glass	4°C	
<del>C-B-<u>DUP</u></del>			PAHs	1L Amber Glass	4°C	
05 C-B-07-6 120214 <u>DUP</u> 12/02/14 <u>1645</u> PCB,				1L Amber Glass	4°C	1

Sampler's Initials: AMC  
 Relinquished By: JMAC Date/Time: 12/3/14 13:45 Received By: [Signature] Date/Time: 12/3/14  
 Relinquished By: [Signature] Date/Time: 12/3/14 15:00 Received By: [Signature] Date/Time: 12-4 015:20

#1410064

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
C-B- <del>07-6</del> DUP			pH, SC, TSS, total hardness, total (Al, As, Cd, Cu, Cr III, Cr VI, Fe, Pb, Hg, Ni, Ag, Zn), Dissolved (As, Cd, Cu, Cr III, Cr VI, Pb, Hg, Ni, Ag, Zn), BOD, COD, ammonia, MBAS,	0.5 Gallon Plastic	4°C	
05 C-B-07-6 120214 DUP	12/02/14	1645	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1
C-B07-6			Oil & Grease	1L Clear Glass	4°C	
C-B07-6			PCBs	1L Amber Glass	4°C	
05 C-B07-6 120214 DUP	12/02/14	1645	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Pb, Zn), Dissolved (Cu, Zn), BOD, COD, ammonia, MBAS	0.5 Gallon Plastic	4°C	2

Sampler's Initials: JMC  
 Relinquished By: JMC Date/Time: 12/3/14 13:45 Received By: [Signature] Date/Time: 12/3/14  
 Relinquished By: [Signature] Date/Time: 12/3/14 15:00 Received By: [Signature] Date/Time: 12/3/14 @ 15:20

# 1410064

**Analysis Request and Chain of Custody**

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
C-B-	DUP		pH, SC, TSS, total hardness, total (Al, As, Cd, Cu, Cr III, Cr VI, Fe, Pb, Hg, Ni, Ag, Zn), Dissolved (As, Cd, Cu, Cr III, Cr VI, Pb, Hg, Ni, Ag, Zn), BOD, COD, ammonia, MBAS,	0.5 Gallon Plastic	4°C	
06 C-B07-6	12/02/14	16:45	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1
0 C-B07-6			Oil & Grease	1L Clear Glass	4°C	
C-B07-6			PCBs	1L Amber Glass	4°C	
06 C-B07-6	12/02/14	16:45	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Pb, Zn), Dissolved (Cu, Zn), BOD, COD, ammonia, MBAS	0.5 Gallon Plastic	4°C	2

Sampler's Initials: AMC

Relinquished By: [Signature] Date/Time: 12/3/14 13:45 Received By: [Signature] Date/Time: 12/3/14

Relinquished By: [Signature] Date/Time: 12/3/14 15:20 Received By: [Signature] Date/Time: 12/3/14 15:20

1412064

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**

AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**

Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
06 C-B-07-6 120214 BLK	12/02/14	1645	Oil & Grease	1L Clear Glass	4°C	1
C-B-_____ BLK	_____	_____	_____	1L Amber Glass	4°C	_____
05 C-B-07-6 120214 DUP	12/02/14	1645	Oil & Grease	1L Clear Glass	4°C	1
C-B-_____ DUP	_____	_____	_____	1L Amber Glass	4°C	_____
06 C-B-07-6 120214 BLK	12/02/14	1645	PAHs PCB,	1L Amber Glass	4°C	1

Sampler's Initials: JMC

Relinquished By: JMC

Relinquished By: [Signature]

Date/Time: 12/3/14 13:45

Received By: [Signature]

Date/Time: 12/3/14 15:20

Received By: [Signature]

Date/Time: 12/3/14

Date/Time: 03:40 15:20

#141064

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
C-B	DUP		pH, SC, TSS, total hardness, total (Al, As, Cd, Cu, Cr III, Cr VI, Fe, Pb, Hg, Ni, Ag, Zn), Dissolved (As, Cd, Cu, Cr III, Cr VI, Pb, Hg, Ni, Ag, Zn), BOD, COD, ammonia, MBAS,	0.5 Gallon Plastic	4°C	
C-B	DUP		TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	
C-B07-6	12/02/14	1645	Oil & Grease	1L Clear Glass	4°C	2
C-B07-6	12/02/14	1645	PCBs	1L Amber Glass	4°C	1
C-B07-6	12/02/14	1645	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Pb, Zn), Dissolved (Cu, Zn), BOD, COD, ammonia, MBAS	0.5 Gallon Plastic	4°C	2
C-B07-6	12/02/14	1645	PAH	1L Amber	4°C	1

Sampler's Initials: AMC

Relinquished By: [Signature] Date/Time: 12/3/14 13:45 Received By: [Signature] Date/Time: 12/3/14

Relinquished By: [Signature] Date/Time: 12/3/14 15:20 Received By: [Signature] Date/Time: 12/3/14 15:20

# 141064

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
07 C-B07-6	12/02/14	1645	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1
08 C-B07-7	12/02/14	1845	Oil & Grease	1L Clear Glass	4°C	1
C-B07-7	12/02/14	1843	PCBs	1L Amber Glass	4°C	1
C-B07-7	12/02/14	1845	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Pb,Zn), Dissolved (Cu, Zn), BOD, COD, ammonia, MBAS	0.5 Gallon Plastic	4°C	2
C-B07-7	12/02/14	1845	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1

Sampler's Initials: TMC  
 Relinquished By: TMC Date/Time: 12/3/14 13:45 Received By: [Signature]  
 Relinquished By: [Signature] Date/Time: 12/3/14 15:20 Received By: [Signature]

1410604

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
29 C-B08-8	12/02/14	1718	Ethylene glycol	40 mL Vial	4°C	2
10 C-B08-8	12/02/14	1935	Oil & Grease	1L Clear Glass	4°C	1
C-B08-8	12/02/14	1935	PCBs	1L Amber Glass	4°C	1
C-B08-8	12/02/14	1935	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Pb, Zn), Dissolved (Cu, Zn), BOD, COD, ammonia, MBAS	0.5 Gallon Plastic	4°C	2
C-B08-8	12/02/14	1935	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1

Sampler's Initials: MAC

Relinquished By: MAC Date/Time: 12/3/14 13:45 Received By: [Signature] Date/Time: 12/3/14

Relinquished By: [Signature] Date/Time: 12/3/14 15:20 Received By: [Signature] Date/Time: 12-3-14 15:20

1410064

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

To: Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

From: MEC Environment & Infrastructure  
Attn: Amanda Archenthald  
177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
C-B09-10B			TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	
C-B12-9A	12/22/14	12:02/14	Oil & Grease	1L Clear Glass	4°C	1
C-B12-9A	12/22/14	14:02/14	PCBs	1L Amber Glass	4°C	1
C-B12-9A	12/22/14	13:32/14	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Pb, Zn), Dissolved (Cu, Zn), BOD, COD, ammonia, MBAS	0.5 Gallon Plastic	4°C	2
C-B12-9A	12/22/14	12:22/14	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1

Sampler's Initials: TMC Date/Time: 12/13/14 13:45 Received By: [Signature] Date/Time: 12/3/14

Relinquished By: TMC Date/Time: 12/13/14 05:20 Received By: [Signature] Date/Time: 12/3/14 05:20

Relinquished By: [Signature] Date/Time: 12/3/14 Received By: [Signature] Date/Time: 12/3/14 05:20

Page 17 of 18

\$1410000

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
C-B09-10B	12/02/14	1800	Oil & Grease	1L Clear Glass	4°C	1
C-B09-10B	12/02/14	1800	PCBs	1L Amber Glass	4°C	1
C-B09-10B	12/02/14	1800	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Pb, Zn), Dissolved (Cu, Zn), BOD, COD, ammonia, MBAS	0.5 Gallon Plastic	4°C	2
C-B09-10B	12/02/14	1800	TPH (Jet fuel, diesel, motor oil)	1L Amber Glass	4°C	1
C-BT2-9A			Oil & Grease	1L Clear Glass	4°C	

Sampler's Initials: TMC

Relinquished By: [Signature] Date/Time: 12/3/14 13:34 Received By: [Signature] Date/Time: 12/3/14

Relinquished By: [Signature] Date/Time: 12/3/14 15:20 Received By: [Signature] Date/Time: 12-3-14 @ 15:20

Page 14 of 18

1412064

Analysis Request and Chain of Custody

**SAN DIEGO AIRPORT**

2014-2015 Monitoring Season

**From:**

AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**

Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
S-B06-12			Particle-Size-Distribution	1L Amber Glass	4°C	
13 S-B06-12	12/02/14	1737	Ethylene glycol	40 mL Vial	4°C	2

Sampler's Initials: TMC

Relinquished By: [Signature]

Relinquished By: [Signature]

Date/Time: 12/3/14 13:45

Received By: [Signature]

Received By: [Signature]

Date/Time: 12/3/14

Received By: [Signature]

Received By: [Signature]

51-110064

**Analysis Request and Chain of Custody**  
**SAN DIEGO AIRPORT**  
**2014-2015 Monitoring Season**

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
S-B-09-3-I	DUP		pH, SC, TSS, total hardness, total (Al, Cu, Fe, Zn), Dissolved (Cu, Zn)	19L	4°C	
S-B-09-3-I	DUP		PCBs	1L Amber Glass	4°C	
S-B-09-3-I	DUP		PAHs	1L Amber Glass	4°C	
14 S-B-09-3-I	12/02/14	1916	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Zn), Dissolved (Cu, Zn)	19L	4°C	1
15 S-B-09-3-I	12/02/14	1810	PCBs	1L Amber Glass	4°C	1

Sampler's Initials: TML Date/Time: 12/3/14 13:45 Received By: [Signature] Date/Time: 12/3/14

Relinquished By: TML Date/Time: 12/3/14 15:20 Received By: [Signature] Date/Time: 12/3/14 15:20

Relinquished By: [Signature] Date/Time: 12/3/14 15:20 Received By: [Signature] Date/Time: 12/3/14 15:20

#14100004

**Analysis Request and Chain of Custody**  
**SAN DIEGO AIRPORT**  
**2014-2015 Monitoring Season**

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
15 S-B-09-3-1	12/02/14	1810	PAHs	1L Amber Glass	4°C	1
16 S-B-09-3-E	12/02/14	1910	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Zn), Dissolved (Cu, Zn)	19L	4°C	1
17 S-B-09-3-E	12/02/14	1800	PCBs	1L Amber Glass	4°C	1
18 S-B-09-3-E	12/02/14	1800	PAHs	1L Amber Glass	4°C	1
19 S-B-09-3-B	12/03/14	0155	pH, SC, TSS, total hardness, total (Al, Cu, Fe, Zn), Dissolved (Cu, Zn)	19L	4°C	1

Sampler's Initials: JMC Date/Time: 12/3/14 13:45 Received By: [Signature] Date/Time: 12/3/14

Relinquished By: JMC Date/Time: 12/3/14 15:20 Received By: [Signature] Date/Time: 12/3/14 15:20

Relinquished By: [Signature] Date/Time: 12/3/14 15:20 Received By: [Signature] Date/Time: 12/3/14 15:20

#1410064

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT  
2014-2015 Monitoring Season

**From:**  
AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
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San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**  
Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
19 S-B-09-3-B	12/02/14	1828	PCBs	1L Amber Glass	4°C	1
S-B-09-3-B	12/02/14	1828	PAHs	1L Amber Glass	4°C	1
C-B12.9A West			PAHs	1L Amber Glass	4°C	

Sampler's Initials: JMC Date/Time: 12/13/14 13:45 Received By: [Signature] Date/Time: 12/13/14

Relinquished By: JMC Date/Time: 12/13/14 15:20 Received By: [Signature] Date/Time: 12/14 @ 15:20

Relinquished By: [Signature] Date/Time: 12/13/14 15:20 Received By: [Signature] Date/Time: 12/14 @ 15:20



10 December 2014

Amanda Archenhold  
AMEC  
9177 Sky Park Court Suite A  
San Diego, CA 92123  
RE:San Diego Airport  
Work Order No.: 1412045

Attached are the results of the analyses for samples received by the laboratory on 12/02/14 21:30.

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,

A handwritten signature in black ink that reads "Richard K. Forsyth". The signature is written in a cursive style and is positioned above a solid horizontal line.

Richard K. Forsyth

Laboratory Director

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



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport  
Project Number: 2014-2015 Monitoring Season  
Project Manager: Amanda Archenhold

**Reported:**  
12/10/14 12:52

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-B-09-3E-120214-DUP	1412045-01	Liquid	12/02/14 18:08	12/02/14 21:30
S-B-09-3I-120214	1412045-02	Liquid	12/02/14 18:10	12/02/14 21:30
S-B-09-3E-120214	1412045-03	Liquid	12/02/14 18:08	12/02/14 21:30
S-B-09-3B-120214	1412045-04	Liquid	12/02/14 18:28	12/02/14 21:30
C-B09-10B-120214	1412045-05	Liquid	12/02/14 18:00	12/02/14 21:30
C-B08-8-120214	1412045-06	Liquid	12/02/14 17:18	12/02/14 21:30

*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.*



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport  
Project Number: 2014-2015 Monitoring Season  
Project Manager: Amanda Archenhold

Reported:  
12/10/14 12:52

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-B-09-3E-120214-DUP (1412045-01) Liquid    Sampled: 12/02/14 18:08    Received: 12/02/14 21:30</b>									
Enterococcus	4600	100	CFU/100 mL	100	B4L0355	12/02/14	12/02/14 22:00	SM 9230C	
Fecal Coliforms	2400	100	"	"	"	"	"	SM 9222D	
Total Coliforms	4500	100	"	"	"	"	"	SM 9222B	
<b>S-B-09-3I-120214 (1412045-02) Liquid    Sampled: 12/02/14 18:10    Received: 12/02/14 21:30</b>									
Enterococcus	4800	100	CFU/100 mL	100	B4L0355	12/02/14	12/02/14 22:00	SM 9230C	
Fecal Coliforms	1700	100	"	"	"	"	"	SM 9222D	
Total Coliforms	3700	100	"	"	"	"	"	SM 9222B	
<b>S-B-09-3E-120214 (1412045-03) Liquid    Sampled: 12/02/14 18:08    Received: 12/02/14 21:30</b>									
Enterococcus	5700	100	CFU/100 mL	100	B4L0355	12/02/14	12/02/14 22:00	SM 9230C	
Fecal Coliforms	1900	100	"	"	"	"	"	SM 9222D	
Total Coliforms	4000	100	"	"	"	"	"	SM 9222B	
<b>S-B-09-3B-120214 (1412045-04) Liquid    Sampled: 12/02/14 18:28    Received: 12/02/14 21:30</b>									
Enterococcus	5000	100	CFU/100 mL	100	B4L0355	12/02/14	12/02/14 22:00	SM 9230C	
Fecal Coliforms	1400	100	"	"	"	"	"	SM 9222D	
Total Coliforms	3000	100	"	"	"	"	"	SM 9222B	
<b>C-B09-10B-120214 (1412045-05) Liquid    Sampled: 12/02/14 18:00    Received: 12/02/14 21:30</b>									
Enterococcus	4400	100	CFU/100 mL	100	B4L0355	12/02/14	12/02/14 22:00	SM 9230C	
Fecal Coliforms	1100	100	"	"	"	"	"	SM 9222D	
Total Coliforms	8200	100	"	"	"	"	"	SM 9222B	
<b>C-B08-8-120214 (1412045-06) Liquid    Sampled: 12/02/14 17:18    Received: 12/02/14 21:30</b>									
Enterococcus	80	10	CFU/100 mL	10	B4L0355	12/02/14	12/02/14 22:00	SM 9230C	
Fecal Coliforms	250	10	"	"	"	"	"	SM 9222D	
Total Coliforms	1100	10	"	"	"	"	"	SM 9222B	

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



AMEC  
9177 Sky Park Court Suite A  
San Diego CA, 92123

Project: San Diego Airport  
Project Number: 2014-2015 Monitoring Season  
Project Manager: Amanda Archenhold

**Reported:**  
12/10/14 12:52

### Notes and Definitions

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

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*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.*

# (410045

Analysis Request and Chain of Custody

SAN DIEGO AIRPORT

2014-2015 Monitoring Season

**From:**

AMEC Environment & Infrastructure  
Attn: Amanda Archenhold  
9177 Sky Park Court  
San Diego, CA 92123  
Phone: (858) 278-3600 Fax: (858) 278-5300

**To:**

Sierra Analytical  
26052 Merit Circle, Suite  
105 Laguna Hills, CA 92653  
Phone: (949) 348-9389  
Fax: (949) 348-9115

SampleID	Date	Time	Analyses	Bottle Size	Preservative	Bottle Count
3E S-B-09-3B 120214 18:08 12/02/14	12/02/14	18:08	Total Coliforms, Fecal Coliforms, Enterococcus	120 mL Plastic	4°C + Tablet Preservative	2
S-B-09-3B 120214 18:10 12/02/14	12/02/14	18:10	Total Coliforms, Fecal Coliforms, Enterococcus	120 mL Plastic	4°C + Tablet Preservative	2
S-B-09-3B 120214 18:08 12/02/14	12/02/14	18:08	Total Coliforms, Fecal Coliforms, Enterococcus	120 mL Plastic	4°C + Tablet Preservative	2
S-B-09-3B 120214 18:28 12/02/14	12/02/14	18:28	Total Coliforms, Fecal Coliforms, Enterococcus	120 mL Plastic	4°C + Tablet Preservative	2
C-B09-10B 120214 18:00 12/02/14	12/02/14	18:00	Total Coliforms, Fecal Coliforms, Enterococcus	120 mL Plastic	4°C + Tablet Preservative	2

Sampler's Initials: ATC FNC 12/02/14  
 Relinquished By: Alex Chin Date/Time: 18:54 Received By: L Diebold Date/Time: 18:54  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received By: T. [Signature] Date/Time: 18:30