



VIA FEDERAL EXPRESS

November 12, 2010
In reply refer to SHEA-110544

Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Attention: Information Technology Unit

Reference: Compliance File CI-6027 and NPDES No. CA0001309

Subject: Third Quarter 2010 NPDES Discharge Monitoring Report Submittal–
Santa Susana Site

Dear Sir/Madam,

The Boeing Company (Boeing) hereby submits the Discharge Monitoring Report (DMR) for the Santa Susana Field Laboratory (Santa Susana Site) for the Third Quarter of 2010. This DMR provides the results of the activities that occurred for the Santa Susana Site outfalls (Figure 1) for the period of July 1st through September 30th of 2010 as required by National Pollutant Discharge Elimination System (NPDES) Permit No. CA0001309 (NPDES Permit).

This quarterly DMR provides information and data, including summary tables of surface water sample analytical results, rainfall summaries, liquid waste shipment summaries, and surface water sample laboratory analytical reports. The DMR is provided for the Santa Susana Site outfalls authorized by the NPDES Permit. This document will be made available electronically at:

http://www.boeing.com/aboutus/environment/santa_susana/ents/monitoring_reports.html

Additionally, hard copies of this DMR are available at the following: California State University at Northridge Library; Simi Valley Library; and the Platt Branch, Los Angeles Library.

THIRD QUARTER 2010 DISCHARGE MONITORING REPORT (DMR) CONTENTS AND DISCHARGE SUMMARY

Figure 1 is a site location map indicating the locations of the regulated outfalls at the Santa Susana Site. A summary of the Third Quarter 2010 precipitation measured at the Santa Susana Site is presented in Appendix A. All sanitary wastes from the domestic sewage treatment plants (STPs I, II, and III) were shipped off-site for disposal. Details of all liquid waste shipments including the STP waste are summarized in Appendix B.



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No rain events occurred during the Third Quarter 2010. A rainfall data summary table is provided in Appendix A.

A sample was collected on August 5, 2010 for the receiving water location at the Arroyo Simi and was submitted to a State of California-certified analytical laboratory. Appendix C contains a summary table of analytical results for the surface water sample collected during the Third Quarter 2010. This table identifies the sampling location, the constituents evaluated (analytes), the date of sampling, the analytical result, and data validation qualifiers.

Appendix D contains a copy of the data validation report, laboratory analytical results, and chain of custody. Quarterly Summary Notes are a compilation of notes, abbreviations, and data validation codes that are used in the analytical data summary table and are included as a supplement in Appendix C.

SUMMARY OF NONCOMPLIANCE

No surface water discharges occurred from the Santa Susana Site during the Third Quarter 2010. As such, there are no compliance issues to report for this period. Additionally, no constituents were detected in the receiving water sample greater than the receiving water limits for the Arroyo Simi as defined in the NPDES permit.

THIRD QUARTER 2010 SITE-WIDE STORM WATER POLLUTION PREVENTION PLAN (SWPPP)/BEST MANAGEMENT PRACTICES (BMP) ACTIVITIES

Boeing continued to implement the site-wide Storm Water Pollution Prevention Plan (SWPPP) throughout Third Quarter 2010. Specifically, Boeing:

- Conducted monthly, and post storm season inspections as required by the site-wide SWPPP to identify and mitigate any concerns following the storm season that may affect the quality of storm water runoff from the Santa Susana Site in preparation of the next storm season.
- Continued implementation of the removal of structural features, concrete foundations, metal, and other debris from the Santa Susana Site. DTSC provides oversight.
- Bi-weekly inspections were conducted according to the individual construction SWPPPs for these projects.
- Maintenance was conducted to the BMPs in response to the bi-weekly, monthly and post season inspections conducted across the site.

Boeing also continued to plant native vegetation and implement Interim Source Removal Action (ISRA) related activities at Outfalls 008 and 009, and perform Northern Drainage cleanup activities and BMP upgrades. These activities are discussed more fully below, and summarized in Table 1.

Site-Wide Planting of Native Vegetation



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Boeing continued to focus its native plant restoration program during the dry season on areas where soil erosion is probable as recommended by the Surface Water Expert Panel. Boeing continued to reintroduce native vegetative species along the Northern Drainage (Outfall 009 watershed) area during the Third Quarter 2010. Repopulated species include Mulefat, Elderberry, Creeping Wild Rye, Mugwort and Coyote Brush. Irrigation is conducted three times each week throughout the dry season to ensure the native species become established.

ISRA Related Activities

Proactively addressing constituents that have historically exceeded NPDES Permit limits, and pursuant to the December 3, 2008 Section 13304 Order issued by the Los Angeles Regional Water Quality Control Board (Regional Board), Boeing has aggressively undertaken source removal and related activities in the Outfall 008 and 009 watersheds.

During the Third Quarter 2010, Boeing:

- Conducted pre-field activities at ISRA areas on Boeing property in the Outfall 009 watershed, including pre-field biological survey, vegetation clearance, installation of construction BMPs, pre-field site walk, and equipment mobilization.
- Performed excavation and confirmation soil sampling at the following ISRA areas on Boeing property in the Outfall 009 watershed: ISRA areas CTLI-1A and CTLI-1B up-gradient of culvert CM-7; ISRA areas B1-1A, B1-1B, B1-1C, B1-1D, and B1-2 within the B-1 RFI site; and ISRA area IEL-1 within the IEL RFI site.
- Removed excavated pipelines and associated debris at ISRA area B1-2.
- Performed waste characterization soil sampling at the following ISRA areas on NASA property in the Outfall 009 watershed: AP/STP-1A, AP/STP-1B, AP/STP-1C-1, AP/STP-1C-2, AP/STP-1D, AP/STP-1E-1, AP/STP-1E-2, AP/STP-1E-3, and AP/STP-1F.
- Conducted off-site disposal of excavated soil from ISRA areas on Boeing property in the Outfall 009 watershed, to McKittrick Waste Treatment Site, McKittrick, CA, and Lancaster.
- Held biweekly SWPPP inspections during the non-rainy season.

Boeing continues to conduct weekly status meetings and submit monthly and quarterly progress reports to Regional Board Staff on the progress of the ISRA activities¹.

Site-wide Storm Water Conveyance System

Boeing is actively developing a storm water conveyance system for the Santa Susana Site to augment the current BMPs at individual outfalls. The conveyance system will be used to pump storm water runoff at individual outfalls to storm water treatment systems at Outfall 011 or Outfall 018 prior to treatment (see section below for more details on storm water treatment systems). Specifically, Outfalls 003

¹ http://www.boeing.com/aboutus/environment/santa_susana/isra.html



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through 007, 010, 012, and 013 will each be equipped with a pump that will be used to pump storm water through a conveyance system for treatment at the system located next to Silvermale Pond prior to discharge at Outfall 018. The existing Outfall 014 BMP will be equipped with a pump that will be used to pump storm water from storage tanks at the outfall to the treatment system located near Perimeter Pond prior to discharge at Outfall 011.

Outfalls 011 and 018 Treatment Systems

Boeing demobilized two temporary storm water treatment systems (TSTSs) at Outfalls 011 and 018 in the Second Quarter 2010. The TSTSs had capacities of 690 gallons per minute (gpm) at Outfall 011 and 1,035 gpm at Outfall 018. Based upon the results of the Outfall 011 and 018 TSTSs, Boeing is implementing permanent chemical treatment systems at these two locations for the upcoming winter season.

Design activities for the final Outfall 011 and Outfall 018 storm water treatment systems (STSs) configurations were performed during the Third Quarter 2010. These activities included the following:

- Filtration rate designs, hydraulic grade line designs, equipment selection, and layout finalization were performed for both the Outfall 011 and Outfall 018 STSs. In addition, the specification of the ACTIFLO unit was completed. The 30% design packages for the STSs were completed and reviewed. An in-depth peer review session provided additional comments for the upcoming 90% design packages.
- Developed draft Chemical Handling Plan for Outfall 011 and Outfall 018 STSs for initial review. An updated version will be included in the 90% design package.
- Continued Outfall 011 and Outfall 018 STS equipment procurement activities, including equipment identification, vendor identification, equipment and vendor recommendation reviews, and scope of work development for contractor bids.
- Prepared and delivered electrical permitting package for electrical infrastructure upgrades related to STS installation at Outfalls 011 and 018.
- Met with SWPPP implementation and STS design team regularly to review project details including design development, project schedule, and future operation and maintenance requirements.

Design finalization and construction of these two systems is scheduled to occur in the Fourth Quarter 2010.

The following is a summary of the specific BMP activities by outfall location that were conducted during the Third Quarter 2010.

Table 1: BMP Activities during the Third Quarter 2010

OUTFALL	BMP ACTIVITIES DURING THIRD QUARTER 2010
001 (South Slope below Perimeter Pond)	Inspected erosion control BMPs, performed maintenance on the flume and conducted housekeeping activities at the sample location.
002 (South Slope below R-2 Pond)	Inspected erosion control BMPs, performed maintenance on the flume and conducted housekeeping activities at the sample location.
003 (RMHF)	Conducted structural BMP and storm water filter system inspections. Performed maintenance on flume and conducted housekeeping activities at the sample location. Replaced filtration media.
004 (SRE)	Conducted structural BMP and storm water filter system inspections. Performed maintenance on flume and conducted housekeeping activities at the sample location. Began installation of new HDPE liner beneath sand and media filtration beds and replacing filtration media.
005 (FSDF-1)	Conducted sedimentation basin and storm water filter system inspections. Conducted housekeeping activities at the sample location. Replaced fiber rolls. Began installation of geomembrane liner for sedimentation basin.
006 (FSDF-2)	Conducted structural BMP and storm water filter system inspections. Performed maintenance on flume and conducted housekeeping activities at the sample location. Installed new gabion dam in sand filter bed. Began installation of new HDPE liner beneath sand filtration bed and replacing filtration media.
007 (Building 100)	Conducted BMP, sedimentation basin and storm water filter system inspections. Conducted housekeeping activities at the outfall and sample location. Replaced fiber rolls.
008 (Happy Valley)	Inspected erosion control BMPs, performed maintenance on the flume and conducted housekeeping activities at the sample location. Conducted ISRA work. Placed hydroseed in outfall area.
009 (WS-13 Drainage)	Inspected erosion control BMPs, performed maintenance on the flume and conducted housekeeping activities at the sample location. Reviewed implementation of erosion and sediment control plans for the Northern Drainage project areas.
010 (Building 203)	Conducted structural BMP and sedimentation/filtration basin inspections. Performed maintenance on the flume and conducted housekeeping activities at the sample location. Replaced fiber rolls. Began installation of



OUTFALL	BMP ACTIVITIES DURING THIRD QUARTER 2010
	HDPE liner for sedimentation basin, and replacement of filtration media.
011 (Perimeter Pond)	Conducted BMP and drainage system inspections. Performed maintenance and conducted housekeeping at the sample location. Installed sandbag berm and aboveground drainage piping.
012 (ALFA Test Stand)	Conducted inspection of structural BMPs. Performed maintenance and conducted housekeeping activities at the sample location. Began installation of retention wall at BMP.
013 (BRAVO Test Stand)	Conducted inspection of structural BMPs. Performed maintenance and conducted housekeeping activities at the sample location. Began installation of retention wall at BMP.
014 (APTF Test Stand)	Conducted inspection of BMPs. Performed maintenance and conducted housekeeping activities at the sample location.
018 (R-2 Spillway)	Conducted structural BMP inspections. Performed housekeeping activities at the sample location.
019 (GETS)	Groundwater Extraction Treatment System (GETS) operational. Treated ground water hauled off-site, no discharges.

REASONABLE POTENTIAL ANALYSIS (RPA)

No surface water discharges occurred from the Santa Susana Site and no new surface water discharge data became available during the Third Quarter of 2010. Accordingly, the analytical results for this sampling period did not trigger reasonable potential. Therefore, RPA tables are not included in this report.

DATA VALIDATION AND QUALITY CONTROL DISCUSSION

In accordance with current EPA guidelines and procedures, or as specified in the monitoring program, chemical analyses of the receiving water sample were completed at a State of California-certified laboratory. Data validation was performed on the analytical results and quality control elements were found to be within acceptable limits for the analytical methods reported, except as noted on the analytical summary tables. As noted above, measures were implemented by the analytical laboratory to monitor and/or evaluate its low level detections, to analyze for interferences and to ensure that cross contamination does not occur in the future. Laboratory analytical reports, including validation reports and notes, are included in Appendix D. Attachment T-A of the NPDES Permit issued to the SSFL presents the State of California Water Resources Control Board (SWRCB or "State



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Board") minimum levels (MLs) for use in reporting and determining compliance with NPDES Permit limits.

The analytical laboratory achieved these MLs for this reporting period when technically possible. When the laboratory reporting limits (RLs) were elevated, the laboratory maximum detectable limits (MDLs) were below the State of California MLs. However, some constituents' daily maximum discharge limits in the NPDES Permit are less than their respective MLs, and less than the RL. In cases where the NPDES Permit limit is less than the RL and ML, the RL was used to determine compliance. The specific constituents that have NPDES Permit limits that are less than the RL and ML are: mercury, bis(2-ethylhexyl)phthalate, cyanide, polychlorinated biphenyls (PCBs) (Aroclor congeners), chlordane, DDD, DDE, DDT, dieldrin, toxaphene, and chlorpyrifos. These compounds were either not required or not detected in the receiving water sample for the Third Quarter of 2010.

FACILITY CONTACT

If there are any questions regarding this report or its enclosures, you may contact Ms. Lori Blair at (818) 466-8741.

CERTIFICATION

I certify under penalty of law that this document and all appendices were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

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

Executed on the 15th of November 2010 at The Boeing Company, Santa Susana Site.

Sincerely,

Tom Gallacher
Director
Santa Susana Field Laboratory
Environment, Health and Safety

LB:bjc

Figure: 1 Storm Water Drainage System and Outfall Locations



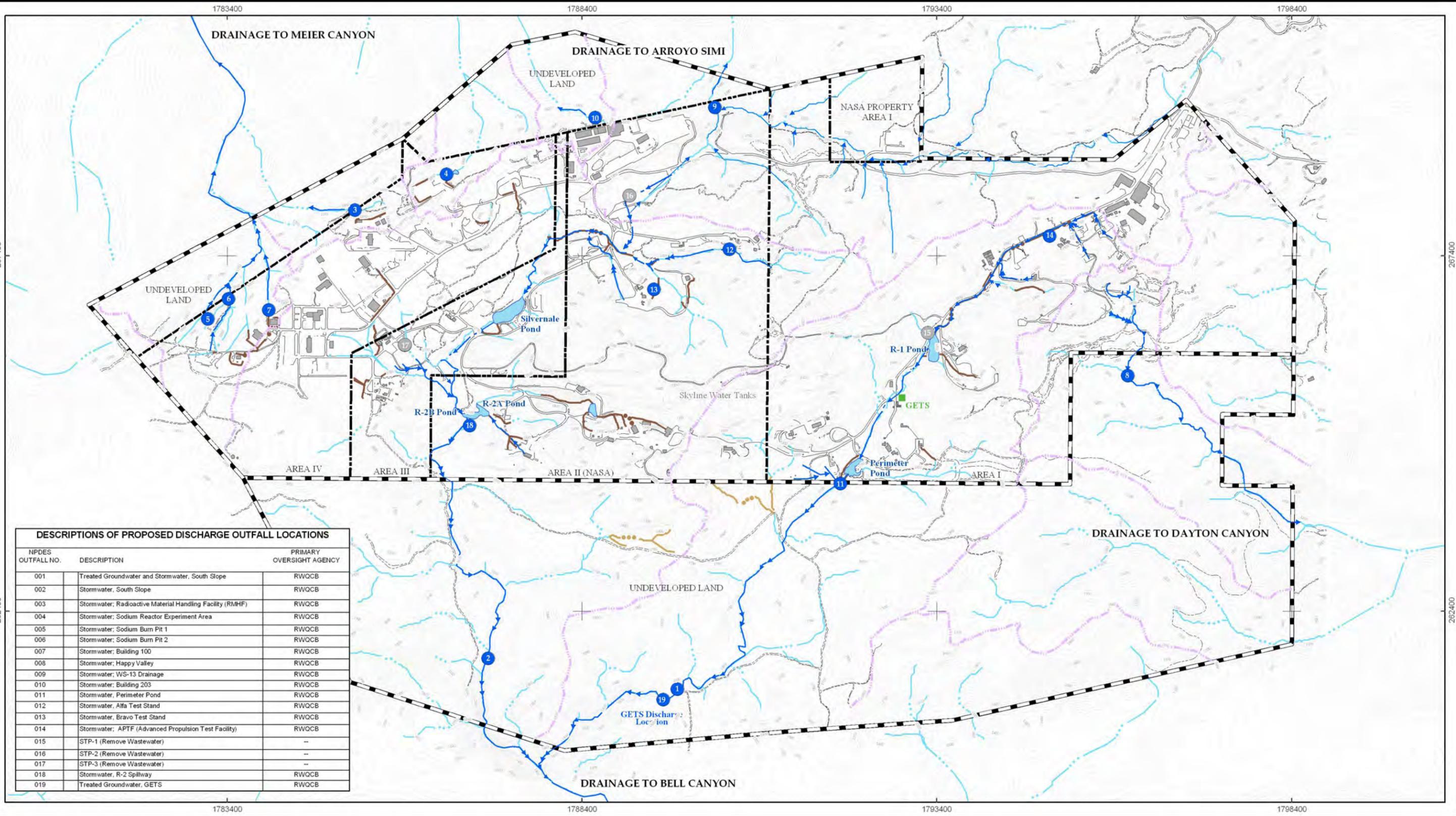
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Appendices: A Third Quarter 2010 Rainfall Data Summary
 B Third Quarter 2010 Liquid Waste Shipment Summary Tables
 C Third Quarter 2010 Summary Tables, Receiving Water Location
 (Arroyo Simi – Frontier Park)
 D Third Quarter 2010 Analytical Laboratory Report, Chain-of-
 Custody, and Validation Report

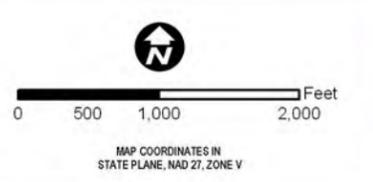
cc: Ms. Cassandra Owens, Regional Water Quality Control Board
 Mr. Rick Brausch, Department of Toxic Substances Control
 Mr. Gerard Abrams, Department of Toxic Substances Control
 Mr. Robert Marshall, California State University – Northridge, Library
 Mr. Gabriel Lundeen, Simi Valley Library
 Ms. Lynn Light, Platt Branch, Los Angeles Library

FIGURE 1

STORM WATER DRAINAGE SYSTEM AND OUTFALL LOCATIONS



DESCRIPTIONS OF PROPOSED DISCHARGE OUTFALL LOCATIONS		
NPDES OUTFALL NO.	DESCRIPTION	PRIMARY OVERSIGHT AGENCY
001	Treated Groundwater and Stormwater, South Slope	RWQCB
002	Stormwater, South Slope	RWQCB
003	Stormwater; Radioactive Material Handling Facility (RMHF)	RWQCB
004	Stormwater; Sodium Reactor Experiment Area	RWQCB
005	Stormwater; Sodium Burn Pit 1	RWQCB
006	Stormwater; Sodium Burn Pit 2	RWQCB
007	Stormwater; Building 100	RWQCB
008	Stormwater; Happy Valley	RWQCB
009	Stormwater; WS-13 Drainage	RWQCB
010	Stormwater; Building 203	RWQCB
011	Stormwater, Perimeter Pond	RWQCB
012	Stormwater, Alfa Test Stand	RWQCB
013	Stormwater, Bravo Test Stand	RWQCB
014	Stormwater; APTF (Advanced Propulsion Test Facility)	RWQCB
015	STP-1 (Remove Wastewater)	--
016	STP-2 (Remove Wastewater)	--
017	STP-3 (Remove Wastewater)	--
018	Stormwater, R-2 Spillway	RWQCB
019	Treated Groundwater, GETS	RWQCB



- Legend**
- NPDES Outfalls (RWQCB Primary Oversight Authority)
 - Historical NPDES Outfalls
 - Groundwater Extraction Treatment System (GETS)
 - Effluent Pathways
 - Surface Water Drainage Divide
 - Natural Drainage
 - Concrete Lined Drainage
 - Graded Drainage
 - Surface Water Reclamation Ponds

- Base Map Legend**
- SSFL Property Boundary
 - Administrative Area Boundary
 - Ground Elevation Contours
 - Drainage Pathways
 - A/C Curbing
 - Dirt Road
 - Existing Building or Structure

Site Map with Outfall Locations and Storm Water Drainage Systems

Date: April 12, 2010
 File: \\U:\spas\intapp1\del\rocketdyne.gis\MasterGISFiles\SiteWideProjects\NPDES\NPDES_StorageWaterDrainage.mxd

MWH FIGURE 1

APPENDIX A

THIRD QUARTER 2010 RAINFALL DATA SUMMARY

**TABLE A
DAILY RAINFALL SUMMARY**

**THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309**

Station: AREA4
Parameter: Rain
Month/Year: August 2010

HOUR OF THE DAY

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
T	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
T	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00D	0.10 D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

D = marked down, valid hour

**TABLE A
DAILY RAINFALL SUMMARY**

**THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309**

Station: AREA4
Parameter: Rain
Month/Year: September 2010

HOUR OF THE DAY

	Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
T	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
T	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10 D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

D = marked down, valid hour

APPENDIX B

THIRD QUARTER 2010 LIQUID WASTE SHIPMENTS
SUMMARY TABLES

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
July 2010**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
7/1/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43600	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/1/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43500	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/2/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43840	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/2/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43600	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/2/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
7/2/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
7/2/2010	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
7/6/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
7/6/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
7/6/2010	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
7/6/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43720	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/6/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43540	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/7/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43720	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/7/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43880	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/8/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43660	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/8/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43720	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
July 2010**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
7/8/2010	HAZARDOUS WASTE LIQUID (TRICHLOROETHENE)	24	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/8/2010	NON-HAZARDOUS WASTE LIQUID (RINSE WATER)	137	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/9/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43700	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/9/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43680	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/12/2010	NON-RCRA HAZARDOUS WASTE LIQUID (NON-PCB BALLASTS)	66	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 5736 WEST JEFFERSON STREET, PHOENIX, AZ 85043	VEOLIA ES TECHNICAL SOLUTIONS 5736 WEST JEFFERSON STREET, PHOENIX, AZ 85043
7/12/2010	NON-RCRA HAZARDOUS WASTE LIQUID (NON-PCB BALLASTS)	11	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 5736 WEST JEFFERSON STREET, PHOENIX, AZ 85043	VEOLIA ES TECHNICAL SOLUTIONS 5736 WEST JEFFERSON STREET, PHOENIX, AZ 85043
7/12/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43720	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/12/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43480	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/13/2010	WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC (HYDROCHLORIC ACID)	606	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/13/2010	WASTE POTASSIUM PERMANGANATE	835	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/13/2010	WASTE CAUSTIC AKALI LIQUIDS (POTASSIUM HYDROXIDE, SODIUM HYDROXIDE)	114	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/13/2010	HAZARDOUS WASTE LIQUID (TRICHLOROETHENE)	33	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/13/2010	NON-RCRA HAZARDOUS WASTE LIQUID (OIL, WATER)	246	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/13/2010	WASTE TOXIC LIQUID, CORROSIVE, INORGANIC (SODIUM CYANIDE, SODIUM HYDROXIDE)	28	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/13/2010	WASTE POTASSIUM CYANIDE SOLUTION	8	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/13/2010	WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC (LABPACK)	40	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
July 2010**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
7/13/2010	NON-RCRA HAZARDOUS WASTE LIQUID (LABPACK)	8	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/13/2010	NON-RCRA HAZARDOUS WASTE LIQUID (LABPACK)	48	LBS.	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA	VEOLIA ES TECHNICAL SOLUTIONS 1704 WEST FIRST STREET, AZUSA, CA
7/13/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43760	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/13/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43660	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/14/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
7/14/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
7/14/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
7/14/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44300	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/14/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44160	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/15/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43760	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/15/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44540	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/16/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43880	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/16/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42400	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/19/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43280	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/19/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42360	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/20/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42580	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
July 2010**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
7/20/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43880	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/21/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
7/21/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
7/21/2010	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
7/21/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43140	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/21/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44380	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/22/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44320	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/22/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42900	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/23/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42720	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/23/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43500	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/26/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44000	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/27/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43460	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/27/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43240	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/28/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
7/28/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
7/28/2010	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
July 2010**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
7/28/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43740	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/28/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	41760	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/29/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44280	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/29/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42120	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
7/30/2010	HAZARDOUS WASTE LIQUID (TRICHLOROETHENE)	24380	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
7/30/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44080	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058

**TABLE B-2
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
August 2010**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
8/2/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44060	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/2/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44060	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/4/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
8/4/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
8/4/2010	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
8/4/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43700	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/4/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43860	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/6/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44160	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/6/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43980	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/9/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43940	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/9/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43700	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/11/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
8/11/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
8/11/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
8/13/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43660	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/13/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43400	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058

**TABLE B-2
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
August 2010**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
8/16/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43160	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/16/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42140	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/16/2010	NON-HAZARDOUS WASTE LIQUID (OUTFALL RINSE WATER)	43480	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/17/2010	NON-HAZARDOUS WASTE LIQUID (OUTFALL RINSE WATER)	41740	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/17/2010	NON-HAZARDOUS WASTE LIQUID (OUTFALL RINSE WATER)	41240	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/17/2010	NON-HAZARDOUS WASTE LIQUID (OUTFALL RINSE WATER)	31540	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/18/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
8/18/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
8/18/2010	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
8/18/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42560	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/18/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44080	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/20/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42020	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/20/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42360	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/23/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	44460	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/23/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43080	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/25/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus

**TABLE B-2
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
August 2010**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
8/25/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
8/25/2010	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
8/30/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	42680	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
8/30/2010	NON-HAZARDOUS WASTE LIQUID (GETS GROUNDWATER)	43040	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058

**TABLE B-3
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
September 2010**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
9/1/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
9/1/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
9/1/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
9/8/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
9/8/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
9/8/2010	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
9/17/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
9/17/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
9/17/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
9/22/2010	NON-HAZARDOUS WASTE LIQUID (NON-HAZ WATER)	21000	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
9/22/2010	NON-HAZARDOUS WASTE LIQUID (NON-HAZ WATER)	19480	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058
9/23/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
9/23/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
9/23/2010	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson
9/27/2010	HAZARDOUS WASTE LIQUID (TRICHLOROETHENE)	35500	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
9/28/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus

**TABLE B-3
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
September 2010**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
9/28/2010	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Saugus
9/28/2010	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA 90058	LACSD Carson

APPENDIX C

THIRD QUARTER 2010 SUMMARY TABLES,
RECEIVING WATER SAMPLING DATA (ARROYO SIMI)

ARROYO SIMI (Frontier Park Receiving Water)

**THIRD QUARTER 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

July 1 through September 30, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	8/5/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Water Velocity	ft/sec	-/-	Meas	0.05	*
pH (Field)	pH Units	6.5-8.5/-	Grab	7.6	*
Temperature	Grab	F	Grab	75	*
Hardness	mg/L	-/-	Grab	710	--
Calcium	mg/L	-/-	Grab	190	--
Magnesium	mg/L	-/-	Grab	60	--
4,4'-DDD	ug/L	0.0014/-	Grab	ND < 0.0019	C-1*
4,4'-DDE	ug/L	0.001/-	Grab	ND < 0.0028	*
4,4'-DDT	ug/L	0.001/-	Grab	ND < 0.0038	C-2*
Aroclor-1016	ug/L	0.0003/-	Grab	ND < 0.24	*
Aroclor-1221	ug/L	0.0003/-	Grab	ND < 0.24	*
Aroclor-1232	ug/L	0.0003/-	Grab	ND < 0.24	*
Aroclor-1242	ug/L	0.0003/-	Grab	ND < 0.24	*
Aroclor-1248	ug/L	0.0003/-	Grab	ND < 0.24	*
Aroclor-1254	ug/L	0.0003/-	Grab	ND < 0.24	*
Aroclor-1260	ug/L	0.0003/-	Grab	ND < 0.24	*
Chlordane	ug/L	0.001/-	Grab	ND < 0.053	*
Chlorpyrifos	ug/L	0.02/-	Grab	ND < 0.010	U
Diazinon	ug/L	0.16/-	Grab	ND < 0.10	U
Dieldrin	ug/L	0.0002/-	Grab	ND < 0.0019	*
Toxaphene	ug/L	0.0003/-	Grab	ND < 0.24	*

APPENDIX D

THIRD QUARTER 2010 ANALYTICAL LABORATORY REPORTS,
CHAIN-OF-CUSTODY, AND VALIDATION REPORTS

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APPENDIX D

Section 1

Arroyo Simi-FP – August 5, 2010

MEC^X Data Validation Report

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DATA VALIDATION REPORT

Boeing SSFL NPDES

SAMPLE DELIVERY GROUP: ITH0556

Prepared by

MEC^x, LP
12269 East Vassar Drive
Aurora, CO 80014

I. INTRODUCTION

Task Order Title: Boeing SSFL NPDES
Contract Task Order: 1261.100D.00
Sample Delivery Group: ITH0556
Project Manager: B. Kelly
Matrix: Water
QC Level: IV
No. of Samples: 1
No. of Reanalyses/Dilutions: 0
Laboratory: TestAmerica-Irvine

Table 1. Sample Identification

Client ID	Laboratory ID	Sub-Laboratory ID	Matrix	Collected	Method
Arroyo Simi-FP	ITH0556-01	N/A	Water	8/5/2010 11:55:00 AM	EPA 200.7, EPA 525.2, SM2340B

II. Sample Management

No anomalies were observed regarding sample management. The samples in this SDG were received at the laboratory within the temperature limits of 4°C ±2°C. According to the case narrative for this SDG, the samples were received intact, on ice, and properly preserved, if applicable. The COCs were appropriately signed and dated by field and/or laboratory personnel. As the sample was couriered to the laboratory, no custody seals were necessary. If necessary, the client ID was added to the sample result summary by the reviewer.

Data Qualifier Reference Table

Qualifier	Organics	Inorganics
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The associated value is the quantitation limit or the estimated detection limit for dioxins or PCB congeners.	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit. The associated value is the sample detection limit or the quantitation limit for perchlorate only.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.	The associated value is an estimated quantity.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."	Not applicable.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	Not applicable.
UJ	The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.	The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet quality control criteria. The presence or absence of the analyte cannot be verified.	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet quality control criteria. The presence or absence of the analyte cannot be verified.

Qualification Code Reference Table

Qualifier	Organics	Inorganics
H	Holding times were exceeded.	Holding times were exceeded.
S	Surrogate recovery was outside QC limits.	The sequence or number of standards used for the calibration was incorrect
C	Calibration %RSD or %D was noncompliant.	Correlation coefficient is <0.995.
R	Calibration RRF was <0.05.	%R for calibration is not within control limits.
B	Presumed contamination as indicated by the preparation (method) blank results.	Presumed contamination as indicated by the preparation (method) or calibration blank results.
L	Laboratory Blank Spike/Blank Spike Duplicate %R was not within control limits.	Laboratory Control Sample %R was not within control limits.
Q	MS/MSD recovery was poor or RPD high.	MS recovery was poor.
E	Not applicable.	Duplicates showed poor agreement.
I	Internal standard performance was unsatisfactory.	ICP ICS results were unsatisfactory.
A	Not applicable.	ICP Serial Dilution %D were not within control limits.
M	Tuning (BFB or DFTPP) was noncompliant.	Not applicable.
T	Presumed contamination as indicated by the trip blank results.	Not applicable.
+	False positive – reported compound was not present.	Not applicable.
-	False negative – compound was present but not reported.	Not applicable.
F	Presumed contamination as indicated by the FB or ER results.	Presumed contamination as indicated by the FB or ER results.
\$	Reported result or other information was incorrect.	Reported result or other information was incorrect.
?	TIC identity or reported retention time has been changed.	Not applicable.

Qualification Code Reference Table Cont.

D	The analysis with this flag should not be used because another more technically sound analysis is available.	The analysis with this flag should not be used because another more technically sound analysis is available.
P	Instrument performance for pesticides was poor.	Post Digestion Spike recovery was not within control limits.
DNQ	The reported result is above the method detection limit but is less than the reporting limit.	The reported result is above the method detection limit but is less than the reporting limit.
*II, *III	Unusual problems found with the data that have been described in Section II, "Sample Management," or Section III, "Method Analyses." The number following the asterisk (*) will indicate the report section where a description of the problem can be found.	Unusual problems found with the data that have been described in Section II, "Sample Management," or Section III, "Method Analyses." The number following the asterisk (*) will indicate the report section where a description of the problem can be found.

III. Method Analyses

A. EPA METHODS 200.7 and SM2340B—Metals and Harness

Reviewed By: P. Meeks

Date Reviewed: September 8, 2010

The sample listed in Table 1 for these analyses was validated based on the guidelines outlined in the *MEC^x Data Validation Procedure for Metals (DVP-5, Rev. 0 and DVP-21, Rev. 0)*, *EPA Method 200.7, SM2340B*, and the *National Functional Guidelines for Inorganic Data Review (7/02)*.

- Holding Times: The analytical holding time, six months for ICP metals and calculated hardness, was met.
- Tuning: Not applicable to these analyses.
- Calibration: Calibration criteria were met. All initial and continuing calibration recoveries were within 90-110% for the ICP. CRDL recoveries were within the control limits of 70-130%.
- Blanks: The method blank and CCBs had no detects.
- Interference Check Samples: Recoveries were within 80-120%.
- Blank Spikes and Laboratory Control Samples: Recoveries were within method-established QC limits.
- Laboratory Duplicates: No laboratory duplicate analyses were performed on the sample in this SDG.
- Matrix Spike/Matrix Spike Duplicate: No MS/MSD analyses were performed on the sample in this SDG. Method accuracy was evaluated based on LCS results.
- Serial Dilution: No serial dilution analyses were performed on the sample in this SDG.
- Internal Standards Performance: Not applicable to these analyses.
- Sample Result Verification: Calculations were verified and the sample results reported on the sample result summary were verified against the raw data. No transcription errors or calculation errors were noted. When the sample results were qualified and the reviewer was able to clearly determine bias, detected results were qualified as either "J+" or "J-"; otherwise, bias was not indicated in the qualification. Any detects between the method detection limit and the reporting limit were qualified as estimated, "J," and coded with

“DNQ,” in order to comply with the NPDES permit. Reported nondetects are valid to the MDL.

- Field QC Samples: Field QC samples were evaluated, and if necessary, qualified based on method blanks and other laboratory QC results affecting the usability of the field QC data. Any remaining detects were used to evaluate the associated site samples. Following are findings associated with field QC samples:
 - Field Blanks and Equipment Rinsates: This SDG had no identified field blank or equipment rinsate samples.
 - Field Duplicates: There were no field duplicate samples identified for this SDG.

B. EPA METHOD 525.2—Semivolatile Organic Compounds (SVOCs)

Reviewed By: P. Meeks

Date Reviewed: September 8, 2010

The sample listed in Table 1 for this analysis was validated based on the guidelines outlined in the *MEC^x Data Validation Procedure for Semivolatile Organics (DVP-3, Rev. 0)*, *EPA Method 525.2*, and the *National Functional Guidelines for Organic Data Review (10/99)*.

- Holding Times: Extraction and analytical holding times were met. The water sample was extracted within 24 hours of collection and analyzed within 30 days of extraction.
- GC/MS Tuning: The DFTPP tunes met the method abundance criteria. The sample was analyzed within 12 hours of the DFTPP injection time.
- Calibration: Calibration criteria were met. The initial calibration average RRFs were ≥ 0.05 and %RSD $\leq 30\%$. The ICV and continuing calibration RRFs were ≥ 0.05 and recoveries were within the method QC limits of 70-130%. Reporting limit check standards were analyzed and the recoveries were within 70-130%.
- Blanks: The method blank had no target compound detects above the MDL.
- Blank Spikes and Laboratory Control Samples: The recoveries were within laboratory-established QC limits.
- Surrogate Recovery: Recoveries were within laboratory-established QC limits.
- Matrix Spike/Matrix Spike Duplicate: No MS/MSD analyses were performed on the sample in this SDG. Method accuracy was evaluated based on the LCS results.
- Field QC Samples: Field QC samples were evaluated, and if necessary, qualified based on method blanks and other laboratory QC results affecting the usability of the field QC

data. Any remaining detects were used to evaluate the associated site samples. Following are findings associated with field QC samples:

- Field Blanks and Equipment Rinsates: This SDG had no identified field blank or equipment rinsate samples.
- Field Duplicates: There were no field duplicate samples identified for this SDG.
- Internal Standards Performance: The internal standard area counts and retention times were within the method control limits established by the continuing calibration standards of $\pm 30\%$.
- Compound Identification: Compound identification was verified. The laboratory analyzed for chlorpyrifos and diazinon by Method 525.2. Review of the sample chromatogram, retention times, and spectra indicated no problems with target compound identification.
- Compound Quantification and Reported Detection Limits: Compound quantification was verified. The reporting limits were supported by the low point of the initial calibration and the laboratory MDLs. Reported nondetects are valid to the reporting limit.
- Tentatively Identified Compounds: TICs were not reported by the laboratory for this analysis.
- System Performance: Review of the raw data indicated no problems with system performance.

Validated Sample Result Forms ITH0556

Analysis Method *EPA 200.7*

Sample Name	Arroyo Simi-FP	Matrix Type:	Water	Validation Level:	IV			
Lab Sample Name	ITH0556-01	Sample Date:	8/5/2010 11:55:00 AM					
Analyte	CAS No	Result Value	RL	MDL	Result Units	Lab Qualifier	Validation Qualifier	Validation Notes
Calcium	7440-70-2	190	0.10	0.050	mg/l			
Magnesium	7439-95-4	60	0.020	0.012	mg/l			

Analysis Method *EPA 525.2*

Sample Name	Arroyo Simi-FP	Matrix Type:	Water	Validation Level:	IV			
Lab Sample Name	ITH0556-01	Sample Date:	8/5/2010 11:55:00 AM					
Analyte	CAS No	Result Value	RL	MDL	Result Units	Lab Qualifier	Validation Qualifier	Validation Notes
Chlorpyrifos	2921-88-2	ND	1.0	0.010	ug/l		U	
Diazinon	333-41-5	ND	0.25	0.10	ug/l		U	

Analysis Method *SM2340B*

Sample Name	Arroyo Simi-FP	Matrix Type:	Water	Validation Level:	IV			
Lab Sample Name	ITH0556-01	Sample Date:	8/5/2010 11:55:00 AM					
Analyte	CAS No	Result Value	RL	MDL	Result Units	Lab Qualifier	Validation Qualifier	Validation Notes
Hardness (as CaCO3)	NA	710	0.33	0.17	mg/l			

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APPENDIX D

Section 2

Arroyo Simi-FP – August 5, 2010

Test America Analytical Laboratory Report

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LABORATORY REPORT

Prepared For: MWH-Pasadena/Boeing
618 Michillinda Avenue, Suite 200
Arcadia, CA 91007
Attention: Bronwyn Kelly

Project: Quartely Arroyo Simi-Frontier
Park
Quarterly Arroyo Simi-Frontier
Sampled: 08/05/10
Received: 08/05/10
Issued: 08/18/10 17:35

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 10 pages, are included and are an integral part of this report.

This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 6°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Results that fall between the MDL and RL are 'J' flagged.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID

ITH0556-01

CLIENT ID

Arroyo Simi-FP

MATRIX

Water

I certify under penalty of perjury that the information contained in this report and all attachments was produced in accordance with the indicated methods and laboratory standard operating procedures, except as noted, and are complete and accurate to the best of my knowledge and belief. Subcontract laboratory reports that are attached have been evaluated for completeness and quality control acceptability.

Reviewed By:



TestAmerica Irvine

Debby Wilson
Project Manager

MWH-Pasadena/Boeing
618 Michillinda Avenue, Suite 200
Arcadia, CA 91007
Attention: Bronwyn Kelly

Project ID: Quartely Arroyo Simi-Frontier Park
Quarterly Arroyo Simi-Frontier Park
Report Number: ITH0556

Sampled: 08/05/10
Received: 08/05/10

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Analyst	Date Analyzed	Data Qualifiers
Sample ID: ITH0556-01 (Arroyo Simi-FP - Water)									
Reporting Units: ug/l									
Chlorpyrifos	EPA 525.2	10H0709	0.010	1.0	ND	1	PM	08/09/10	
Diazinon	EPA 525.2	10H0709	0.10	0.25	ND	1	PM	08/09/10	
<i>Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)</i>					90 %				
<i>Surrogate: Triphenylphosphate (70-130%)</i>					106 %				
<i>Surrogate: Perylene-d12 (70-130%)</i>					91 %				

TestAmerica Irvine

Debby Wilson
Project Manager

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ITH0556 <Page 2 of 16>

MWH-Pasadena/Boeing
 618 Michillinda Avenue, Suite 200
 Arcadia, CA 91007
 Attention: Bronwyn Kelly

Project ID: Quartely Arroyo Simi-Frontier Park
 Quarterly Arroyo Simi-Frontier Park
 Report Number: ITH0556

Sampled: 08/05/10
 Received: 08/05/10

ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Analyst	Date Analyzed	Data Qualifiers
Sample ID: ITH0556-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: ug/l									
4,4'-DDD	EPA 608	10H0676	0.0019	0.0047	ND	0.943	CN	08/11/10	C-1
4,4'-DDE	EPA 608	10H0676	0.0028	0.0047	ND	0.943	CN	08/11/10	
4,4'-DDT	EPA 608	10H0676	0.0038	0.0094	ND	0.943	CN	08/11/10	C-2
Dieldrin	EPA 608	10H0676	0.0019	0.0047	ND	0.943	CN	08/11/10	
Chlordane	EPA 608	10H0676	0.053	0.094	ND	0.943	CN	08/11/10	
Toxaphene	EPA 608	10H0676	0.24	0.47	ND	0.943	CN	08/11/10	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					81 %				
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>					80 %				

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Project ID: Quartely Arroyo Simi-Frontier Park
 Quarterly Arroyo Simi-Frontier Park
 Report Number: ITH0556

Sampled: 08/05/10
 Received: 08/05/10

TOTAL PCBS (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Analyst	Date Analyzed	Data Qualifiers
Sample ID: ITH0556-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: ug/l									
Aroclor 1016	EPA 608	10H0676	0.24	0.47	ND	0.943	JSM	08/06/10	
Aroclor 1221	EPA 608	10H0676	0.24	0.47	ND	0.943	JSM	08/06/10	
Aroclor 1232	EPA 608	10H0676	0.24	0.47	ND	0.943	JSM	08/06/10	
Aroclor 1242	EPA 608	10H0676	0.24	0.47	ND	0.943	JSM	08/06/10	
Aroclor 1248	EPA 608	10H0676	0.24	0.47	ND	0.943	JSM	08/06/10	
Aroclor 1254	EPA 608	10H0676	0.24	0.47	ND	0.943	JSM	08/06/10	
Aroclor 1260	EPA 608	10H0676	0.24	0.47	ND	0.943	JSM	08/06/10	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					85 %				

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Project ID: Quartely Arroyo Simi-Frontier Park
Quarterly Arroyo Simi-Frontier Park
Report Number: ITH0556

Sampled: 08/05/10
Received: 08/05/10

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Analyst	Date Analyzed	Data Qualifiers
Sample ID: ITH0556-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: mg/l									
Hardness (as CaCO ₃)	SM2340B	[CALC]		0.33	710	1	DP	08/07/10	
Calcium	EPA 200.7	10H0756	0.050	0.10	190	1	DP	08/07/10	
Magnesium	EPA 200.7	10H0756	0.012	0.020	60	1	DP	08/07/10	

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MWH-Pasadena/Boeing
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Attention: Bronwyn Kelly

Project ID: Quartely Arroyo Simi-Frontier Park
Quarterly Arroyo Simi-Frontier Park
Report Number: ITH0556

Sampled: 08/05/10
Received: 08/05/10

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: Arroyo Simi-FP (ITH0556-01) - Water EPA 525.2	1	08/05/2010 11:55	08/05/2010 19:30	08/06/2010 10:00	08/09/2010 21:29

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Project ID: Quartely Arroyo Simi-Frontier Park
Quarterly Arroyo Simi-Frontier Park
Report Number: ITH0556

Sampled: 08/05/10
Received: 08/05/10

METHOD BLANK/QC DATA

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10H0709 Extracted: 08/06/10										
Blank Analyzed: 08/09/2010 (10H0709-BLK1)										
Chlorpyrifos	ND	1.0	ug/l							
Diazinon	ND	0.25	ug/l							
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.76		ug/l	5.00		95	70-130			
Surrogate: Triphenylphosphate	5.56		ug/l	5.00		111	70-130			
Surrogate: Perylene-d12	4.41		ug/l	5.00		88	70-130			
LCS Analyzed: 08/09/2010 (10H0709-BS1)										
Chlorpyrifos	4.82	1.0	ug/l	5.00		96	70-130			
Diazinon	4.39	0.25	ug/l	5.00		88	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.81		ug/l	5.00		96	70-130			
Surrogate: Triphenylphosphate	5.64		ug/l	5.00		113	70-130			
Surrogate: Perylene-d12	4.57		ug/l	5.00		91	70-130			
Matrix Spike Analyzed: 08/09/2010 (10H0709-MS1)					Source: ITH0557-01					
Chlorpyrifos	4.80	1.0	ug/l	5.00	ND	96	70-130			
Diazinon	4.57	0.25	ug/l	5.00	ND	91	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.79		ug/l	5.00		96	70-130			
Surrogate: Triphenylphosphate	5.36		ug/l	5.00		107	70-130			
Surrogate: Perylene-d12	4.69		ug/l	5.00		94	70-130			
Matrix Spike Analyzed: 08/09/2010 (10H0709-MS2)					Source: ITH0559-01					
Chlorpyrifos	4.95	1.0	ug/l	5.00	ND	99	70-130			
Diazinon	3.76	0.25	ug/l	5.00	ND	75	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.61		ug/l	5.00		92	70-130			
Surrogate: Triphenylphosphate	5.56		ug/l	5.00		111	70-130			
Surrogate: Perylene-d12	5.15		ug/l	5.00		103	70-130			
Matrix Spike Dup Analyzed: 08/09/2010 (10H0709-MSD1)					Source: ITH0557-01					
Chlorpyrifos	4.56	1.0	ug/l	5.00	ND	91	70-130	5	30	
Diazinon	4.51	0.25	ug/l	5.00	ND	90	70-130	1	30	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.69		ug/l	5.00		94	70-130			
Surrogate: Triphenylphosphate	5.29		ug/l	5.00		106	70-130			
Surrogate: Perylene-d12	4.51		ug/l	5.00		90	70-130			

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 Quarterly Arroyo Simi-Frontier Park
 Report Number: ITH0556

Sampled: 08/05/10
 Received: 08/05/10

METHOD BLANK/QC DATA

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10H0709 Extracted: 08/06/10										
Matrix Spike Dup Analyzed: 08/09/2010 (10H0709-MSD2)					Source: ITH0559-01					
Chlorpyrifos	4.64	1.0	ug/l	5.00	ND	93	70-130	6	30	
Diazinon	3.90	0.25	ug/l	5.00	ND	78	70-130	4	30	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.37		ug/l	5.00		87	70-130			
Surrogate: Triphenylphosphate	5.41		ug/l	5.00		108	70-130			
Surrogate: Perylene-d12	4.94		ug/l	5.00		99	70-130			

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Quarterly Arroyo Simi-Frontier Park
Report Number: ITH0556

Sampled: 08/05/10
Received: 08/05/10

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10H0676 Extracted: 08/06/10										
Blank Analyzed: 08/10/2010 (10H0676-BLK1)										
4,4'-DDD	ND	0.0050	ug/l							
4,4'-DDE	ND	0.0050	ug/l							
4,4'-DDT	ND	0.010	ug/l							
Dieldrin	ND	0.0050	ug/l							
Chlordane	ND	0.10	ug/l							
Toxaphene	ND	0.50	ug/l							
Surrogate: Decachlorobiphenyl	0.395		ug/l	0.500		79	45-120			
Surrogate: Tetrachloro-m-xylene	0.358		ug/l	0.500		72	35-115			
LCS Analyzed: 08/10/2010 (10H0676-BS1)										
4,4'-DDD	0.373	0.0050	ug/l	0.500		75	55-120			
4,4'-DDE	0.366	0.0050	ug/l	0.500		73	50-120			
4,4'-DDT	0.386	0.010	ug/l	0.500		77	55-120			
Dieldrin	0.369	0.0050	ug/l	0.500		74	55-115			
Surrogate: Decachlorobiphenyl	0.393		ug/l	0.500		79	45-120			
Surrogate: Tetrachloro-m-xylene	0.381		ug/l	0.500		76	35-115			
Matrix Spike Analyzed: 08/10/2010 (10H0676-MS1)					Source: ITH0537-01					
4,4'-DDD	0.356	0.0048	ug/l	0.476	ND	75	50-125			
4,4'-DDE	0.357	0.0048	ug/l	0.476	ND	75	45-125			
4,4'-DDT	0.371	0.0095	ug/l	0.476	ND	78	50-125			
Dieldrin	0.358	0.0048	ug/l	0.476	ND	75	50-120			
Surrogate: Decachlorobiphenyl	0.380		ug/l	0.476		80	45-120			
Surrogate: Tetrachloro-m-xylene	0.345		ug/l	0.476		73	35-115			
Matrix Spike Analyzed: 08/10/2010 (10H0676-MS3)					Source: ITH0560-01					
4,4'-DDD	0.683	0.010	ug/l	1.00	0.0104	67	50-125			
4,4'-DDE	0.815	0.010	ug/l	1.00	ND	82	45-125			
4,4'-DDT	0.739	0.020	ug/l	1.00	ND	74	50-125			
Dieldrin	0.761	0.010	ug/l	1.00	ND	76	50-120			
Surrogate: Decachlorobiphenyl	0.805		ug/l	1.00		80	45-120			
Surrogate: Tetrachloro-m-xylene	0.738		ug/l	1.00		74	35-115			

TestAmerica Irvine

Debby Wilson
Project Manager

MWH-Pasadena/Boeing
 618 Michillinda Avenue, Suite 200
 Arcadia, CA 91007
 Attention: Bronwyn Kelly

Project ID: Quartely Arroyo Simi-Frontier Park
 Quarterly Arroyo Simi-Frontier Park
 Report Number: ITH0556

Sampled: 08/05/10
 Received: 08/05/10

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10H0676 Extracted: 08/06/10										
Matrix Spike Dup Analyzed: 08/10/2010 (10H0676-MSD1)					Source: ITH0537-01					
4,4'-DDD	0.340	0.0050	ug/l	0.495	ND	69	50-125	5	30	
4,4'-DDE	0.342	0.0050	ug/l	0.495	ND	69	45-125	4	30	
4,4'-DDT	0.354	0.0099	ug/l	0.495	ND	71	50-125	5	30	
Dieldrin	0.339	0.0050	ug/l	0.495	ND	68	50-120	5	30	
Surrogate: Decachlorobiphenyl	0.361		ug/l	0.495		73	45-120			
Surrogate: Tetrachloro-m-xylene	0.243		ug/l	0.495		49	35-115			
Matrix Spike Dup Analyzed: 08/10/2010 (10H0676-MSD3)					Source: ITH0560-01					
4,4'-DDD	0.703	0.010	ug/l	1.00	0.0104	69	50-125	3	30	
4,4'-DDE	0.823	0.010	ug/l	1.00	ND	82	45-125	0.9	30	
4,4'-DDT	0.750	0.020	ug/l	1.00	ND	75	50-125	2	30	
Dieldrin	0.781	0.010	ug/l	1.00	ND	78	50-120	3	30	
Surrogate: Decachlorobiphenyl	0.778		ug/l	1.00		78	45-120			
Surrogate: Tetrachloro-m-xylene	0.719		ug/l	1.00		72	35-115			

TestAmerica Irvine

Debby Wilson
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Quarterly Arroyo Simi-Frontier Park
Report Number: ITH0556

Sampled: 08/05/10
Received: 08/05/10

METHOD BLANK/QC DATA

TOTAL PCBS (EPA 608)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10H0676 Extracted: 08/06/10										
Blank Analyzed: 08/06/2010 (10H0676-BLK1)										
Aroclor 1016	ND	0.50	ug/l							
Aroclor 1221	ND	0.50	ug/l							
Aroclor 1232	ND	0.50	ug/l							
Aroclor 1242	ND	0.50	ug/l							
Aroclor 1248	ND	0.50	ug/l							
Aroclor 1254	ND	0.50	ug/l							
Aroclor 1260	ND	0.50	ug/l							
Surrogate: Decachlorobiphenyl	0.449		ug/l	0.500		90	45-120			
LCS Analyzed: 08/06/2010 (10H0676-BS2)										
Aroclor 1016	3.80	0.50	ug/l	4.00		95	50-115			
Aroclor 1260	3.72	0.50	ug/l	4.00		93	60-120			
Surrogate: Decachlorobiphenyl	0.440		ug/l	0.500		88	45-120			
Matrix Spike Analyzed: 08/06/2010 (10H0676-MS2)					Source: ITH0537-01					
Aroclor 1016	3.74	0.50	ug/l	3.96	ND	94	45-120			
Aroclor 1260	3.61	0.50	ug/l	3.96	ND	91	55-125			
Surrogate: Decachlorobiphenyl	0.425		ug/l	0.495		86	45-120			
Matrix Spike Analyzed: 08/06/2010 (10H0676-MS4)					Source: ITH0560-01					
Aroclor 1016	8.13	1.0	ug/l	8.00	ND	102	45-120			
Aroclor 1260	7.50	1.0	ug/l	8.00	ND	94	55-125			
Surrogate: Decachlorobiphenyl	0.898		ug/l	1.00		90	45-120			
Matrix Spike Dup Analyzed: 08/06/2010 (10H0676-MSD2)					Source: ITH0537-01					
Aroclor 1016	3.72	0.50	ug/l	4.00	ND	93	45-120	0.4	30	
Aroclor 1260	3.63	0.50	ug/l	4.00	ND	91	55-125	0.7	25	
Surrogate: Decachlorobiphenyl	0.431		ug/l	0.500		86	45-120			

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Project Manager

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 Arcadia, CA 91007
 Attention: Bronwyn Kelly

Project ID: Quartely Arroyo Simi-Frontier Park
 Quarterly Arroyo Simi-Frontier Park
 Report Number: ITH0556

Sampled: 08/05/10
 Received: 08/05/10

METHOD BLANK/QC DATA

TOTAL PCBS (EPA 608)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10H0676 Extracted: 08/06/10										
Matrix Spike Dup Analyzed: 08/06/2010 (10H0676-MSD4)					Source: ITH0560-01					
Aroclor 1016	7.64	1.0	ug/l	8.00	ND	96	45-120	6	30	
Aroclor 1260	7.03	1.0	ug/l	8.00	ND	88	55-125	6	25	
Surrogate: Decachlorobiphenyl	0.832		ug/l	1.00		83	45-120			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10H0756 Extracted: 08/06/10										
Blank Analyzed: 08/07/2010 (10H0756-BLK1)										
Calcium	ND	0.10	mg/l							
Magnesium	ND	0.020	mg/l							
LCS Analyzed: 08/07/2010 (10H0756-BS1)										
Calcium	2.39	0.10	mg/l	2.50		96	85-115			
Magnesium	2.44	0.020	mg/l	2.50		97	85-115			
Matrix Spike Analyzed: 08/07/2010 (10H0756-MS1) Source: ITH0472-03										
Calcium	25.5	0.10	mg/l	2.50	22.8	108	70-130			MHA
Magnesium	20.1	0.020	mg/l	2.50	17.4	107	70-130			MHA
Matrix Spike Analyzed: 08/07/2010 (10H0756-MS2) Source: ITH0513-01										
Calcium	11.0	0.10	mg/l	2.50	8.46	103	70-130			
Magnesium	4.32	0.020	mg/l	2.50	1.96	95	70-130			
Matrix Spike Dup Analyzed: 08/07/2010 (10H0756-MSD1) Source: ITH0472-03										
Calcium	25.3	0.10	mg/l	2.50	22.8	99	70-130	0.9	20	MHA
Magnesium	20.0	0.020	mg/l	2.50	17.4	104	70-130	0.5	20	MHA

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CALIBRATION CHECK CRITERIA

The % recovery for the following individual compounds fell outside the $\pm 15\%$ criteria, however the average % recovery of all compounds in the calibration check solution was within $\pm 15\%$, thus meeting the overall calibration check criteria.

<u>Compound</u>	<u>Footnote</u>	<u>Calibration Check</u> <u>% Recovery</u>	<u>Lab Number</u>	<u>Batch</u>
4,4'-DDD	1	117	ITH0556-01	10H0676
4,4'-DDT	2	45	ITH0556-01	10H0676

Footnotes:

- 1 The calibration demonstrated a high bias for this compound. Samples were flagged to indicate a possible high bias in the result for this compound.
- 2 The calibration demonstrated a low bias for this compound. Samples were flagged to indicate a possible low bias in the result for this compound.

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DATA QUALIFIERS AND DEFINITIONS

- C-1** Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
- C-2** Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
- MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

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Certification Summary

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Method	Matrix	Nelac	California
EPA 200.7	Water	X	X
EPA 525.2	Water		
EPA 608	Water	X	X
SM2340B	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

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