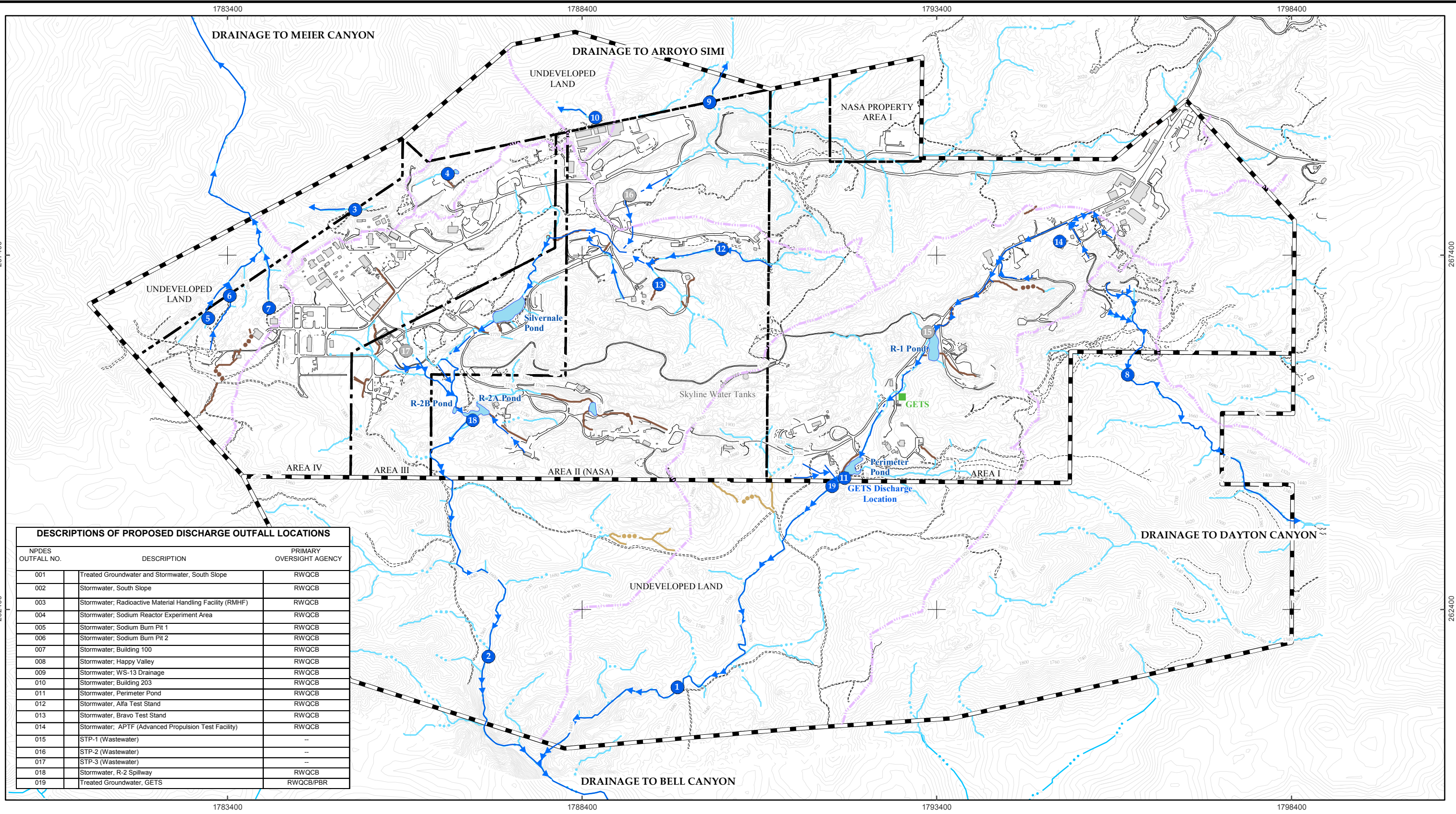
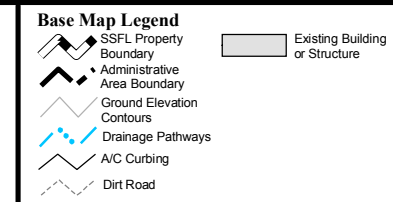
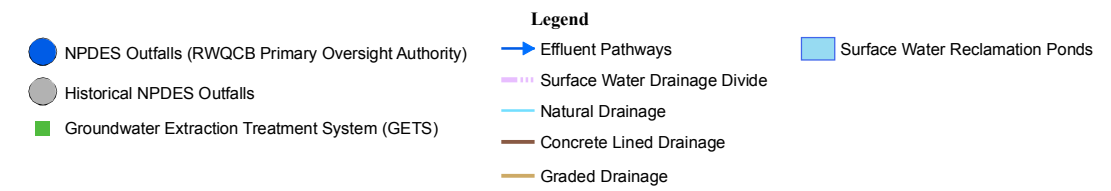
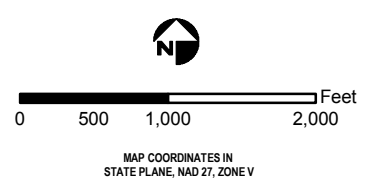


FIGURE 1

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 (Wastewater)	--
016	STP-2 (Wastewater)	--
017	STP-3 (Wastewater)	--
018	Stormwater, R-2 Spillway	RWQCB
019	Treated Groundwater, GETS	RWQCB/PBR



Site Map with Outfall Locations and Storm Water Drainage Systems

APPENDIX A

SECOND QUARTER 2008 RAINFALL DATA SUMMARY

**TABLE A
DAILY RAINFALL SUMMARY**

Station: AREA4
Parameter: Rain
Month/Year: April 2008

**THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309**

April 2008

HOOR 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	0.01	0.01	0.00	0.00	0.01	0.00	0.03
3	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
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
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
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
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
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
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	0.00D	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
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
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
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
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
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
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
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
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

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D - Marked Down, Valid Hour

**TABLE A
DAILY RAINFALL SUMMARY**

Station: AREA4
Parameter: Rain
Month/Year: June 2008

**THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309**

**June 2008
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	
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	0.00	
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	0.00	
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	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	0.00	
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	0.00	
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	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	0.00	
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	0.00	
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	0.00	
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	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	0.00	
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	0.00	
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	0.00	
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	0.00	
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	0.00	
25	INV	INV	INV	INV	INV	INV	INV	INV	0.00	0.00	0.00	0.00	0.00	0.00	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	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	0.00	
28	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	0.00
29	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	0.00
30	INV	INV	INV	INV	INV	INV	INV	INV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

INV - Data not recorded due to power outage at site.

APPENDIX B

SECOND QUARTER 2008 LIQUID WASTE SHIPMENTS SUMMARY
TABLES

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
April 2008**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
4/1/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
4/1/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
4/1/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
4/15/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
4/15/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
4/15/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
4/15/2008	MERCURY BATTERIES (UNIVERSAL WASTE)	6	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/15/2008	LEAD ACID BATTERIES NON-SPILLABLE (UNIVERSAL WASTE)	486	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/15/2008	NON-HAZARDOUS RINSE WATER	298	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/15/2008	NON-HAZARDOUS RINSE WATER	7015	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/15/2008	NON-HAZARDOUS RINSE WATER	39410	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/16/2008	NON-HAZARDOUS RINSE WATER	38710	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/17/2008	NON-HAZARDOUS RINSE WATER	37790	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/18/2008	NON-HAZARDOUS RINSE WATER	39790	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/21/2008	NON-HAZARDOUS RINSE WATER	39500	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
April 2008**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
4/22/2008	NON-HAZARDOUS RINSE WATER	2700	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/29/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
4/29/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
4/29/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson

**TABLE B-2
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
May 2008**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
5/7/2008	TRICHLOROETHANE	4900	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/8/2008	TRICHLOROETHANE	5000	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/9/2008	TRICHLOROETHANE	4925	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/12/2008	TRICHLOROETHANE	5025	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/13/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
5/13/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
5/13/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
5/13/2008	TRICHLOROETHANE	4950	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/14/2008	TRICHLOROETHANE	5000	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/19/2008	TRICHLOROETHANE	5050	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/20/2008	TRICHLOROETHANE	4950	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/22/2008	TRICHLOROETHANE	4925	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/23/2008	TRICHLOROETHANE	5050	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/27/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
5/27/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
5/27/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson

**TABLE B-2
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
May 2008**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
5/27/2008	TRICHLOROETHANE	4900	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/28/2008	TRICHLOROETHANE	400	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/28/2008	NON-RCRA HAZARDOUS WASTE LIQUID (OIL-FILLED TRANSFORMER, 10 PPM PCB'S)	2693	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/28/2008	NON-RCRA HAZARDOUS WASTE LIQUID (OIL-FILLED TRANSFORMER, 13 PPM PCB'S)	18426	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/29/2008	TRICHLOROETHANE	2500	GAL.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702

**TABLE B-3
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
June 2008**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
6/10/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
6/10/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
6/10/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
6/11/2008	WASTE AEROSOLS FLAMMABLE	12	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	NON-HAZARDOUS LIQUID (CONCRETE WATER)	288	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	WASTE AEROSOLS (PETROLEUM DISTILLATES)	92	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	WASTE ISOPROPYL ALCOHOL	6	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	WASTE CORROSIVE LIQUIDS, TOXIC (MONOMETHYLHYDRAZINE)	14	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	WASTE MERCURY CONTAINED IN MANUFACTURED ARTICLES	400	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	NON-RCRA HAZARDOUS WASTE LIQUID (OIL, WATER)	2190	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	NON-RCRA HAZARDOUS WASTE LIQUID (ETHYLENE GLYCOL, WATER)	553	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	NON-RCRA HAZARDOUS WASTE LIQUID (OIL, WATER)	801	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	NON-RCRA HAZARDOUS WASTE LIQUID (LITHIUM CHLORIDE, WATER)	1414	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	NON-RCRA HAZARDOUS WASTE LIQUID (SURFACTANTS, WATER)	2250	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	NON-RCRA HAZARDOUS WASTE LIQUID (ETHYLENE GLYCOL, WATER)	274	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	NON-RCRA HAZARDOUS WASTE LIQUID (ETHYLENE GLYCOL, WATER)	541	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702

**TABLE B-3
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
June 2008**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
6/11/2008	WASTE GASOLINE	10	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	WASTE PAINT RELATED MATERIAL (PETROLEUM DISTILLATES, METHANOL)	6	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	WASTE AMINES, FLAMMABLE, CORROSIVE (DIETHANOLAMINE (DEA), TETRAETHYLENEMPENTAMINE)	5	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	WASTE TOXIC LIQUIDS, ORGANIC (LAB PACK)	29	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	CORROSIVE LIQUID, ACIDIC, INORGANIC (WATER, NITRIC ACID)	73	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/11/2008	NON-RCRA HAZARDOUS WASTE LIQUID (LAB PACK)	60	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/17/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
6/17/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
6/17/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson

APPENDIX C

SECOND QUARTER 2008 SUMMARY TABLES,
RECEIVING WATER SAMPLING DATA (ARROYO SIMI)

**SECOND QUARTER 2008 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Notes:

1. For Dioxins and Furans, laboratory results may have been reported in picograms/liter (pg/L). However, the permit limit is stated in micrograms/liter (µg/L). To evaluate permit compliance, the laboratory results have been converted to µg/L, as necessary, to calculate the TCDD TEQ.
2. TCDD TEQs for the purpose of determining permit compliance are the sum of the products of the detected dioxin congener concentration multiplied by that congener's TEF. The resulting compliance TCDD TEQ does not include those congener concentrations that are reported as DNQ, as specified on Page 40 of the NPDES permit.
3. For some sample dates, pH was determined with a field instrument and was noted as such. These results were not validated. Since pH does not have an RL, the possible pH range is shown in the RL column.
4. The NPDES permit limit or benchmark limit for mercury of 0.10 µg/L (Outfalls 001, 002, 011, 018 and 019) and 0.13 µg/L (Outfalls 003-010) are not achievable by the laboratory; therefore, the laboratory reporting limit of 0.20 µg/L was used to determine compliance.
5. All of the following abbreviations and/or notes may not occur on every table.

-92.9 +/-200	A negative radiochemical analytical result indicates the count rate of the sample was less than the background condition
\$	reported result or other information was incorrectly reported by the laboratory; result was corrected by the data validator
--	based on validation of the data, a qualifier was not required
-/-	no permit limit established for daily maximum or monthly average
<(value)	analyte not detected at a concentration greater than or equal to the DL, MDL, or RL (see laboratory report for specific detail)
*	result not validated
*1	improper preservation of sample
*2	the ICP/MS ppb check standard was recovered above the control limit; therefore, the constituent detected was qualified as estimated (J)
*3	initial and or continuing calibration recoveries were outside acceptable control limits
*5	blank spike/blank spike duplicate relative percent difference was outside the control limit

**SECOND QUARTER 2008 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

*10	value was estimated detect or estimated non detect (J,UJ) due to deficiencies in quantitation of the constituent including constituents reported by the laboratory as Estimated Maximum Possible Concentration (EMPC) values
*11	no calibration was performed for this compound; result is reported as a tentatively identified compound (TIC)
ANR	analysis not required; e.g., constituent or outfall was not required by the permit to be sampled and analyzed (annual, semi-annual, etc.)
B	laboratory method blank contamination
C	calibration %RSD or %D were noncompliant
C5	Calibration verification %R was outside method control limits
%D	percent difference between the initial and continuing calibration relative response factors
deg F	degrees Fahrenheit
DL	detection limit
DNQ	detected but not quantified (constituent value greater than or equal to the laboratory method detection limit and less then the laboratory reporting limit)
E	duplicates show poor agreement
H	holding time was exceeded
I	ICP interference check solution results were unsatisfactory
J	estimated value
K	The sample dilution's set-up did not meet the oxygen depletion criteria of at least 2 mg/l. Therefore, the reported result is an estimated value only.
L2	the laboratory control sample %R was below the method control limits
L	laboratory control sample %R was outside control limits
LOD	limit of detection
M1	matrix spike (MS) and/or MS duplicate were above the acceptance limits due to sample matrix interference
M2	the MS and/or MS duplicate were below the acceptance limits due to sample matrix interference
MDL	method detection limit
MGD	million gallons per day
MHA*	Due to high level of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.
mg/L	milligrams per liter
ml/L/hr	milliliters per liter per hour
NA	not applicable; no permit limit established for the constituent and/or outfall
ND	analyte value less than the LOD or MDL
NM	not measured or determined
NTU	nephelometric turbidity unit
pCi/L	picocuries per liter

**SECOND QUARTER 2008 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

pg/L	picograms per liter
Q	matrix spike recovery outside of control limits
R	as a validation qualifier, results are rejected; the presence or absence of analyte cannot be verified
R	(reason code in parentheses) %R for calibration not within control limits
RL	laboratory reporting limit
RL-1	reporting limit raised due to sample matrix effects
%RSD	percent relative standard deviation
S	surrogate recovery was outside control limits
TEQ	toxic equivalent
T	presumed contamination, as indicated by a detect in the trip blank
TU _c	toxicity units (chronic)
U	result not detected
µg/L	micrograms per liter
UJ	result not detected at the estimated reporting limit
umhos/cm	micromhos per centimeter
WHO TEF	World Health Organization toxic equivalency factor
^	analysis not completed due to hold time exceedence or insufficient sample volume

ARROYO SIMI (Frontier Park Receiving Water)

**SECOND QUARTER 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

April 1 through June 30, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	5/21/2008	
			RESULT	VALIDATION QUALIFIER
Hardness	mg/L	-/-	740	--
4,4'-DDD	ug/L	0.0014/-	ND < 0.0019	*
4,4'-DDE	ug/L	0.001/-	ND < 0.0028	*
4,4'-DDT	ug/L	0.001/-	ND < 0.0038	*
Aroclor-1016	ug/L	0.0003/-	ND < 0.42	*
Aroclor-1221	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1232	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1242	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1248	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1254	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1260	ug/L	0.0003/-	ND < 0.28	*
Chlordane	ug/L	0.001/-	ND < 0.028	*
Dieldrin	ug/L	0.0002/-	ND < 0.0019	*
Toxaphene	ug/L	0.0003/-	ND < 0.066	*
Calcium	mg/L	-/-	200	--
Chlorpyrifos	ug/L	-/-	ND < 0.10	UJ (H)
Diazinon	ug/L	-/-	ND < 0.24	UJ (H)
Magnesium	mg/L	-/-	60	--

APPENDIX D

SECOND QUARTER 2008 ANALYTICAL LABORATORY REPORTS,
CHAIN-OF-CUSTODY, AND VALIDATION REPORTS

APPENDIX D
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- 3 April 14, 2008 - Aquatic Bioassay & Consulting Bioassessment Report

APPENDIX D

Section 1

Arroyo Simi, May 21, 2008

MEC^X Data Validation Reports



DATA VALIDATION REPORT

Boeing SSFL NPDES, Surface Water Sampling
Arroyo Simi-FP

SAMPLE DELIVERY GROUP: IRE1885

Prepared by

MECX, LP
12269 East Vassar Drive
Aurora, CO 80014

I. INTRODUCTION

Task Order Title: Boeing SSFL NPDES, Surface Water Sampling
Contract Task Order: 1261.100D.00
Sample Delivery Group: IRE1885
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 - Water	IRE1885-01	C8E2705-01	Water	05/21/08 1100	200.7, 525.2, SM2340B

II. Sample Management

No anomalies were observed regarding sample management. The sample in this SDG was received at TestAmerica-Irvine within the temperature limits of 4°C ±2°C. The sample was received below the temperature limit at Test-America-Colton; however, the sample was not noted to be damaged or frozen. According to the case narrative for this SDG, the sample was received intact at all laboratories. The COCs were appropriately signed and dated by field and/or laboratory personnel. As the samples were couriered to the laboratories, custody seals were not required. 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.	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.
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.
P	Instrument performance for pesticides was poor.	Post Digestion Spike recovery was not within control limits.
*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—Metals

Reviewed By: E. Wessling
Date Reviewed: July 9, 2008

The sample listed in Table 1 for this analysis 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*, and the *National Functional Guidelines for Inorganic Data Review (2/94)*.

- Holding Times: The analytical holding time, 6 months for metals, was met.
- Tuning: Not applicable to this analysis.
- Calibration: Calibration criteria were met. Initial calibration r^2 values were ≥ 0.995 and all initial and continuing calibration recoveries were within 90-110% for the ICP metals. All CRI and check standard recoveries were within the control limits of 70-130%.
- Blanks: There were no target compounds detected in the method blank.
- Interference Check Samples: ICSEA/B analyses were performed. Recoveries were within the method-established control limits.
- Blank Spikes and Laboratory Control Samples: The recoveries were within laboratory-established QC limits.
- Laboratory Duplicates: No laboratory duplicate analyses were performed on the sample in this SDG.
- Matrix Spike/Matrix Spike Duplicate: MS/MSD analyses were performed on the sample in this SDG. The recoveries and RPDs were not evaluated as the spiked amounts were less than 4x the native amount in the sample. 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 this analysis.
- 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. Any result reported between the MDL and the reporting limit were qualified as estimated, "J," and coded with "DNQ," in compliance 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 — Pesticides

Reviewed By: E. Wessling
Date Reviewed: July 9, 2008

The sample listed in Table 1 for this analysis was validated based on the guidelines outlined in the *MEC^X Data Validation Procedure for Organochlorine Pesticides by GC (DVP-4, Rev. 0)*, *EPA Method 525.2*, and the *National Functional Guidelines for Organic Data Review (02/94)*.

- Holding Times: The extraction holding time was exceeded; therefore, the target compounds in the sample were qualified as estimated nondetects, "UJ." The analytical holding time was met. The sample was 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. For both target compounds, initial calibration average RRFs were ≥ 0.05 and %RSDs $\leq 30\%$. Continuing calibration RRFs were ≥ 0.05 and applicable target compound responses were within the method QC limits of 70-130%.
- Blanks: The method blank had no target compound detects above the MDL.
- Blank Spikes and Laboratory Control Samples: Recoveries and RPDs were within laboratory-established QC limits.
- Surrogate Recovery: Recoveries were within laboratory-established QC limits.
- Matrix Spike/Matrix Spike Duplicate: MS/MSD analyses were not performed on the sample from this SDG. Evaluation of method accuracy and precision was based on the LCS/LCSD 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. Any result reported between the MDL and the reporting limit were qualified as estimated, "J," and coded with "DNQ," in compliance with the NPDES permit. Reported nondetects are valid to the reporting limit.
- System Performance: Review of the raw data indicated no problems with system performance.

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Deegan Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-5297

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRE1885-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: mg/l									
Hardness as CaCO ₃	SM2340B	[CALC]	N/A	0.33	740	1	05/27/08	05/31/08	
Calcium	EPA 200.7	8E27001	0.050	0.10	200	1	05/27/08	05/31/08	MHA
Magnesium	EPA 200.7	8E27001	0.012	0.020	60	1	05/27/08	05/31/08	MHA

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Joseph Doak
Project Manager

Level IV

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

Project ID: Receiving Water
 Quarterly Arroyo- Simi FP
 Report Number: IRE1885

Sampled: 05/21/08
 Received: 05/21/08

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRE1885-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: ug/l									
Chlorpyrifos	EPA 525.2	C8E2705	N/A	1.0	ND	0.99	05/27/08	05/29/08	
Diazinon	EPA 525.2	C8E2705	N/A	0.25	ND	0.99	05/27/08	05/29/08	H
Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)					102 %				
Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)					102 %				H
Surrogate: Triphenylphosphate (70-130%)					104 %				H
Surrogate: Triphenylphosphate (70-130%)					104 %				
Surrogate: Perylene-d12 (70-130%)					93 %				H
Surrogate: Perylene-d12 (70-130%)					93 %				

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 Joseph Doak
 Project Manager

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APPENDIX D

Section 2

Arroyo Simi, May 21, 2008

Test America Analytical Laboratory Report

LABORATORY REPORT

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

Project: Receiving Water
Quarterly Arroyo- Simi FP

Sampled: 05/21/08
Received: 05/21/08
Issued: 06/03/08 15:14

NELAP #01108CA California ELAP#1197 CSDLAC #10256

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 of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°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.

The sample was analyzed past hold time for diazinon. The sample was not logged in with the proper test code (525.2 Short Hold Time Analytes). This caused the sample to be extracted past hold time. A new test code will be created in in order to minimize risk of translation within the Network Laboratories.

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: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID

IRE1885-01

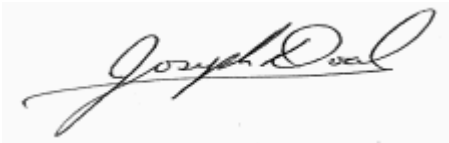
CLIENT ID

Arroyo Simi-FP

MATRIX

Water

Reviewed By:



TestAmerica Irvine

Joseph Doak
Project Manager

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

Project ID: Receiving Water
 Quarterly Arroyo- Simi FP
 Report Number: IRE1885

Sampled: 05/21/08
 Received: 05/21/08

ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRE1885-01 (Arroyo Simi-FP - Water)									
Reporting Units: ug/l									
Chlordane	EPA 608	8E23061	0.028	0.094	ND	0.943	05/23/08	05/24/08	
4,4'-DDD	EPA 608	8E23061	0.0019	0.0047	ND	0.943	05/23/08	05/24/08	
4,4'-DDE	EPA 608	8E23061	0.0028	0.0047	ND	0.943	05/23/08	05/24/08	
4,4'-DDT	EPA 608	8E23061	0.0038	0.0094	ND	0.943	05/23/08	05/24/08	
Dieldrin	EPA 608	8E23061	0.0019	0.0047	ND	0.943	05/23/08	05/24/08	
Toxaphene	EPA 608	8E23061	0.066	0.094	ND	0.943	05/23/08	05/24/08	
Surrogate: Decachlorobiphenyl (45-120%)					85 %				
Surrogate: Tetrachloro-m-xylene (35-115%)					67 %				

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 Project Manager

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

Project ID: Receiving Water
 Quarterly Arroyo- Simi FP
 Report Number: IRE1885

Sampled: 05/21/08
 Received: 05/21/08

TOTAL PCBS (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRE1885-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: ug/l									
Aroclor 1016	EPA 608	8E23061	0.42	0.47	ND	0.943	05/23/08	05/23/08	
Aroclor 1221	EPA 608	8E23061	0.24	0.47	ND	0.943	05/23/08	05/23/08	
Aroclor 1232	EPA 608	8E23061	0.24	0.47	ND	0.943	05/23/08	05/23/08	
Aroclor 1242	EPA 608	8E23061	0.24	0.47	ND	0.943	05/23/08	05/23/08	
Aroclor 1248	EPA 608	8E23061	0.24	0.47	ND	0.943	05/23/08	05/23/08	
Aroclor 1254	EPA 608	8E23061	0.24	0.47	ND	0.943	05/23/08	05/23/08	
Aroclor 1260	EPA 608	8E23061	0.28	0.47	ND	0.943	05/23/08	05/23/08	
Surrogate: Decachlorobiphenyl (45-120%)					97 %				

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618 Michillinda Avenue, Suite 200
Arcadia, CA 91007
Attention: Bronwyn Kelly

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRE1885-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: mg/l									
Hardness as CaCO3	SM2340B	[CALC]	N/A	0.33	740	1	05/27/08	05/31/08	
Calcium	EPA 200.7	8E27001	0.050	0.10	200	1	05/27/08	05/31/08	MHA
Magnesium	EPA 200.7	8E27001	0.012	0.020	60	1	05/27/08	05/31/08	MHA

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

Project ID: Receiving Water
 Quarterly Arroyo- Simi FP
 Report Number: IRE1885

Sampled: 05/21/08
 Received: 05/21/08

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRE1885-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: ug/l									
Chlorpyrifos	EPA 525.2	C8E2705	N/A	1.0	ND	0.99	05/27/08	05/29/08	
Diazinon	EPA 525.2	C8E2705	N/A	0.25	ND	0.99	05/27/08	05/29/08	H
<i>Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)</i>					<i>102 %</i>				
<i>Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)</i>					<i>102 %</i>				
<i>Surrogate: Triphenylphosphate (70-130%)</i>					<i>104 %</i>				
<i>Surrogate: Triphenylphosphate (70-130%)</i>					<i>104 %</i>				
<i>Surrogate: Perylene-d12 (70-130%)</i>					<i>93 %</i>				
<i>Surrogate: Perylene-d12 (70-130%)</i>					<i>93 %</i>				

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

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 (IRE1885-01) - Water EPA 525.2	1	05/21/2008 11:00	05/21/2008 16:45	05/27/2008 08:55	05/29/2008 01:35

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 Attention: Bronwyn Kelly

Project ID: Receiving Water
 Quarterly Arroyo- Simi FP
 Report Number: IRE1885

Sampled: 05/21/08
 Received: 05/21/08

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8E23061 Extracted: 05/23/08											
Blank Analyzed: 05/24/2008 (8E23061-BLK1)											
Chlordane	ND	0.10	0.030	ug/l							
4,4'-DDD	ND	0.0050	0.0020	ug/l							
4,4'-DDE	ND	0.0050	0.0030	ug/l							
4,4'-DDT	ND	0.010	0.0040	ug/l							
Dieldrin	ND	0.0050	0.0020	ug/l							
Toxaphene	ND	0.10	0.070	ug/l							
Surrogate: Decachlorobiphenyl	0.403			ug/l	0.500		81	45-120			
Surrogate: Tetrachloro-m-xylene	0.330			ug/l	0.500		66	35-115			
LCS Analyzed: 05/24/2008 (8E23061-BS1)											
4,4'-DDD	0.407	0.0050	0.0020	ug/l	0.500		81	55-120			MNR1
4,4'-DDE	0.395	0.0050	0.0030	ug/l	0.500		79	50-120			
4,4'-DDT	0.416	0.010	0.0040	ug/l	0.500		83	55-120			
Dieldrin	0.381	0.0050	0.0020	ug/l	0.500		76	55-115			
Surrogate: Decachlorobiphenyl	0.437			ug/l	0.500		87	45-120			
Surrogate: Tetrachloro-m-xylene	0.368			ug/l	0.500		74	35-115			
LCS Dup Analyzed: 05/24/2008 (8E23061-BSD1)											
4,4'-DDD	0.399	0.0050	0.0020	ug/l	0.500		80	55-120	2	30	
4,4'-DDE	0.387	0.0050	0.0030	ug/l	0.500		77	50-120	2	30	
4,4'-DDT	0.412	0.010	0.0040	ug/l	0.500		82	55-120	1	30	
Dieldrin	0.374	0.0050	0.0020	ug/l	0.500		75	55-115	2	30	
Surrogate: Decachlorobiphenyl	0.435			ug/l	0.500		87	45-120			
Surrogate: Tetrachloro-m-xylene	0.369			ug/l	0.500		74	35-115			

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 Project Manager

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

Project ID: Receiving Water
 Quarterly Arroyo- Simi FP
 Report Number: IRE1885

Sampled: 05/21/08
 Received: 05/21/08

METHOD BLANK/QC DATA

TOTAL PCBS (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8E23061 Extracted: 05/23/08											
Blank Analyzed: 05/23/2008 (8E23061-BLK1)											
Aroclor 1016	ND	0.50	0.45	ug/l							
Aroclor 1221	ND	0.50	0.25	ug/l							
Aroclor 1232	ND	0.50	0.25	ug/l							
Aroclor 1242	ND	0.50	0.25	ug/l							
Aroclor 1248	ND	0.50	0.25	ug/l							
Aroclor 1254	ND	0.50	0.25	ug/l							
Aroclor 1260	ND	0.50	0.30	ug/l							
Surrogate: Decachlorobiphenyl	0.405			ug/l	0.500		81	45-120			
LCS Analyzed: 05/23/2008 (8E23061-BS2)											
Aroclor 1016	3.42	0.50	0.45	ug/l	4.00		85	50-115			MNR1
Aroclor 1260	3.38	0.50	0.30	ug/l	4.00		84	60-120			
Surrogate: Decachlorobiphenyl	0.425			ug/l	0.500		85	45-120			
LCS Dup Analyzed: 05/23/2008 (8E23061-BSD2)											
Aroclor 1016	3.58	0.50	0.45	ug/l	4.00		90	50-115	5	30	
Aroclor 1260	3.52	0.50	0.30	ug/l	4.00		88	60-120	4	25	
Surrogate: Decachlorobiphenyl	0.435			ug/l	0.500		87	45-120			

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Joseph Doak
 Project Manager

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8E27001 Extracted: 05/27/08											
Blank Analyzed: 05/31/2008 (8E27001-BLK1)											
Calcium	ND	0.10	0.050	mg/l							
Magnesium	ND	0.020	0.012	mg/l							
LCS Analyzed: 05/31/2008 (8E27001-BS1)											
Calcium	2.42	0.10	0.050	mg/l	2.50		97	85-115			
Magnesium	2.46	0.020	0.012	mg/l	2.50		99	85-115			
Matrix Spike Analyzed: 05/31/2008 (8E27001-MS1) Source: IRE1885-01											
Calcium	198	0.10	0.050	mg/l	2.50	198	26	70-130			MHA
Magnesium	63.6	0.020	0.012	mg/l	2.50	60.0	142	70-130			MHA
Matrix Spike Analyzed: 05/31/2008 (8E27001-MS2) Source: IRE1851-02											
Calcium	76.9	0.10	0.050	mg/l	2.50	74.2	109	70-130			
Magnesium	24.9	0.020	0.012	mg/l	2.50	22.1	113	70-130			
Matrix Spike Dup Analyzed: 05/31/2008 (8E27001-MSD1) Source: IRE1885-01											
Calcium	205	0.10	0.050	mg/l	2.50	198	284	70-130	3	20	MHA
Magnesium	65.9	0.020	0.012	mg/l	2.50	60.0	235	70-130	4	20	MHA

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

METHOD BLANK/QC DATA

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: C8E2705 Extracted: 05/27/08											
Blank Analyzed: 05/28/2008 (C8E2705-BLK1)											
Acenaphthylene	ND	5.0	N/A	ug/l							
Alachlor	ND	1.0	N/A	ug/l							
Aldrin	ND	0.075	N/A	ug/l							
Ametryn	ND	1.0	N/A	ug/l							
Atrazine	ND	0.50	N/A	ug/l							
Benz(a)anthracene	ND	10	N/A	ug/l							
Benzo(a)pyrene	ND	0.10	N/A	ug/l							
Benzo(b)fluoranthene	ND	10	N/A	ug/l							
Benzo(g,h,i)perylene	ND	10	N/A	ug/l							
Benzo(k)fluoranthene	ND	10	N/A	ug/l							
Butachlor	ND	0.38	N/A	ug/l							
Butylate	ND	1.0	N/A	ug/l							
Butyl benzyl phthalate	ND	10	N/A	ug/l							
Di-n-butyl phthalate	ND	5.0	N/A	ug/l							
2-Chlorobiphenyl	ND	0.50	N/A	ug/l							
Chloroneb	ND	0.50	N/A	ug/l							
Chloroprotham	ND	0.50	N/A	ug/l							
Chlorpyrifos	ND	1.0	N/A	ug/l							
Chrysene	ND	5.0	N/A	ug/l							
Cycloate	ND	0.30	N/A	ug/l							
Diazinon	ND	0.25	N/A	ug/l							
Dibenz(a,h)anthracene	ND	5.0	N/A	ug/l							
2,3-Dichlorobiphenyl	ND	0.50	N/A	ug/l							
Di(2-ethylhexyl)adipate	ND	5.0	N/A	ug/l							
Di(2-ethylhexyl)phthalate	ND	3.0	N/A	ug/l							
Diethyl phthalate	ND	5.0	N/A	ug/l							
Dimethyl phthalate	ND	5.0	N/A	ug/l							
Diphenamid	ND	100	N/A	ug/l							
Disulfoton	ND	100	N/A	ug/l							
Fluorene	ND	5.0	N/A	ug/l							
2,2',3,3',4,4',6-Heptachlorobiphenyl	ND	1.0	N/A	ug/l							
Hexachlorobenzene	ND	0.50	N/A	ug/l							
2,2',4,4',5,6'-Hexachlorobiphenyl	ND	1.0	N/A	ug/l							
Hexachlorocyclopentadiene	ND	1.0	N/A	ug/l							
Indeno(1,2,3-cd)pyrene	ND	10	N/A	ug/l							

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

METHOD BLANK/QC DATA

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: C8E2705 Extracted: 05/27/08											
Blank Analyzed: 05/28/2008 (C8E2705-BLK1)											
Lindane (gamma-BHC)	ND	0.20	N/A	ug/l							
Methoxychlor	ND	10	N/A	ug/l							
Metolachlor	ND	0.50	N/A	ug/l							
Metribuzin	ND	1.0	N/A	ug/l							
Molinate	ND	2.0	N/A	ug/l							
Napropamide	ND	1.0	N/A	ug/l							
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	ND	1.0	N/A	ug/l							
Pebulate	ND	0.50	N/A	ug/l							
2,2',3',4,6-Pentachlorobiphenyl	ND	1.0	N/A	ug/l							
Permethrins (mixed isomers, total)	ND	2.0	N/A	ug/l							
Phenanthrene	ND	5.0	N/A	ug/l							
Prometryn	ND	2.0	N/A	ug/l							
Propachlor	ND	0.50	N/A	ug/l							
Propazine	ND	0.50	N/A	ug/l							
Pyrene	ND	5.0	N/A	ug/l							
Simazine	ND	1.0	N/A	ug/l							
Simetryn	ND	1.0	N/A	ug/l							
Terbutryn (e)	ND	1.0	N/A	ug/l							
2,2',4,4'-Tetrachlorobiphenyl	ND	0.50	N/A	ug/l							
Thiobencarb	ND	1.0	N/A	ug/l							
Triadimefon	ND	0.50	N/A	ug/l							
2,4,5-Trichlorobiphenyl	ND	0.50	N/A	ug/l							
Trifluralin	ND	0.50	N/A	ug/l							
Vernolate	ND	0.50	N/A	ug/l							
Surrogate: 1,3-Dimethyl-2-nitrobenzene	5.40			ug/l	5.00		108	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	5.40			ug/l	5.00		108	70-130			
Surrogate: Triphenylphosphate	5.14			ug/l	5.00		103	70-130			
Surrogate: Triphenylphosphate	5.14			ug/l	5.00		103	70-130			
Surrogate: Perylene-d12	4.86			ug/l	5.00		97	70-130			
Surrogate: Perylene-d12	4.86			ug/l	5.00		97	70-130			

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

METHOD BLANK/QC DATA

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: C8E2705 Extracted: 05/27/08											
LCS Analyzed: 05/29/2008 (C8E2705-BS1)											
Acenaphthylene	5.81	5.0	N/A	ug/l	5.00		116	70-130			MNR1
Alachlor	5.14	1.0	N/A	ug/l	5.00		103	70-130			
Aldrin	4.59	0.075	N/A	ug/l	5.00		92	70-130			
Ametryn	5.02	1.0	N/A	ug/l	5.00		100	70-130			
Atrazine	5.08	0.50	N/A	ug/l	5.00		102	70-130			
Benz(a)anthracene	5.08	10	N/A	ug/l	5.00		102	70-130			
Benzo(a)pyrene	5.89	0.10	N/A	ug/l	5.00		118	70-130			
Benzo(b)fluoranthene	4.95	10	N/A	ug/l	5.00		99	70-130			
Benzo(g,h,i)perylene	4.58	10	N/A	ug/l	5.00		92	70-130			
Benzo(k)fluoranthene	5.49	10	N/A	ug/l	5.00		110	70-130			
Butachlor	5.65	0.38	N/A	ug/l	5.00		113	70-130			
Butylate	5.67	1.0	N/A	ug/l	5.00		113	70-130			
Butyl benzyl phthalate	10.7	10	N/A	ug/l	10.0		107	70-130			
Di-n-butyl phthalate	11.3	5.0	N/A	ug/l	10.0		113	70-130			
2-Chlorobiphenyl	5.52	0.50	N/A	ug/l	5.00		110	70-130			
Chloroneb	5.78	0.50	N/A	ug/l	5.00		116	70-130			
Chloroprotham	6.01	0.50	N/A	ug/l	5.00		120	70-130			
Chlorpyrifos	5.62	1.0	N/A	ug/l	5.00		112	70-130			
Chrysene	5.19	5.0	N/A	ug/l	5.00		104	70-130			
Cycloate	5.91	0.30	N/A	ug/l	5.00		118	70-130			
Diazinon	5.45	0.25	N/A	ug/l	5.00		109	70-130			
Dibenz(a,h)anthracene	4.58	5.0	N/A	ug/l	5.00		92	70-130			
2,3-Dichlorobiphenyl	5.94	0.50	N/A	ug/l	5.00		119	70-130			
Di(2-ethylhexyl)adipate	11.5	5.0	N/A	ug/l	10.0		115	70-130			
Di(2-ethylhexyl)phthalate	11.7	3.0	N/A	ug/l	10.0		117	70-130			
Diethyl phthalate	12.1	5.0	N/A	ug/l	10.0		121	70-130			
Dimethyl phthalate	11.5	5.0	N/A	ug/l	10.0		115	70-130			
Diphenamid	5.45	100	N/A	ug/l	5.00		109	70-130			
Disulfoton	5.13	100	N/A	ug/l	5.00		103	70-130			
Fluorene	5.76	5.0	N/A	ug/l	5.00		115	70-130			
2,2',3,3',4,4',6-Heptachlorobiphenyl	4.84	1.0	N/A	ug/l	5.00		97	70-130			
Hexachlorobenzene	5.66	0.50	N/A	ug/l	5.00		113	70-130			
2,2',4,4',5,6'-Hexachlorobiphenyl	4.86	1.0	N/A	ug/l	5.00		97	70-130			
Hexachlorocyclopentadiene	10.8	1.0	N/A	ug/l	10.0		108	70-130			
Indeno(1,2,3-cd)pyrene	4.59	10	N/A	ug/l	5.00		92	70-130			

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Project Manager

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

METHOD BLANK/QC DATA

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: C8E2705 Extracted: 05/27/08											
LCS Analyzed: 05/29/2008 (C8E2705-BS1)											
Lindane (gamma-BHC)	4.87	0.20	N/A	ug/l	5.00		97	70-130			MNR1
Methoxychlor	6.05	10	N/A	ug/l	5.00		121	70-130			
Metolachlor	5.14	0.50	N/A	ug/l	5.00		103	70-130			
Metribuzin	4.50	1.0	N/A	ug/l	5.00		90	70-130			
Molinate	5.72	2.0	N/A	ug/l	5.00		114	70-130			
Napropamide	5.39	1.0	N/A	ug/l	5.00		108	70-130			
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	4.97	1.0	N/A	ug/l	5.00		99	70-130			
Pebulate	5.86	0.50	N/A	ug/l	5.00		117	70-130			
2,2',3',4,6-Pentachlorobiphenyl	4.96	1.0	N/A	ug/l	5.00		99	70-130			
Permethrins (mixed isomers, total)	10.9	2.0	N/A	ug/l	10.0		109	70-130			
Phenanthrene	4.80	5.0	N/A	ug/l	5.00		96	70-130			
Prometryn	5.07	2.0	N/A	ug/l	5.00		101	70-130			
Propachlor	6.51	0.50	N/A	ug/l	5.00		130	70-130			
Propazine	5.33	0.50	N/A	ug/l	5.00		107	70-130			
Pyrene	5.27	5.0	N/A	ug/l	5.00		105	70-130			
Simazine	3.89	1.0	N/A	ug/l	5.00		78	70-130			
Simetryn	4.86	1.0	N/A	ug/l	5.00		97	70-130			
Terbutryn (e)	5.00	1.0	N/A	ug/l	5.00		100	70-130			
2,2',4,4'-Tetrachlorobiphenyl	4.97	0.50	N/A	ug/l	5.00		99	70-130			
Thiobencarb	5.32	1.0	N/A	ug/l	5.00		106	70-130			
Triadimefon	5.33	0.50	N/A	ug/l	5.00		107	70-130			
2,4,5-Trichlorobiphenyl	4.62	0.50	N/A	ug/l	5.00		92	70-130			
Trifluralin	5.91	0.50	N/A	ug/l	5.00		118	70-130			
Vernolate	5.89	0.50	N/A	ug/l	5.00		118	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	5.80			ug/l	5.00		116	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	5.80			ug/l	5.00		116	70-130			
Surrogate: Triphenylphosphate	5.20			ug/l	5.00		104	70-130			
Surrogate: Triphenylphosphate	5.20			ug/l	5.00		104	70-130			
Surrogate: Perylene-d12	4.61			ug/l	5.00		92	70-130			
Surrogate: Perylene-d12	4.61			ug/l	5.00		92	70-130			

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

METHOD BLANK/QC DATA

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: C8E2705 Extracted: 05/27/08											
LCS Dup Analyzed: 05/29/2008 (C8E2705-BSD1)											
Acenaphthylene	5.59	5.0	N/A	ug/l	5.00		112	70-130	4	10	
Alachlor	5.19	1.0	N/A	ug/l	5.00		104	70-130	1	5	
Aldrin	4.43	0.075	N/A	ug/l	5.00		89	70-130	3	10	
Ametryn	5.12	1.0	N/A	ug/l	5.00		102	70-130	2	20	
Atrazine	5.28	0.50	N/A	ug/l	5.00		106	70-130	4	10	
Benz(a)anthracene	5.17	10	N/A	ug/l	5.00		103	70-130	2	10	
Benzo(a)pyrene	5.95	0.10	N/A	ug/l	5.00		119	70-130	1	10	
Benzo(b)fluoranthene	4.91	10	N/A	ug/l	5.00		98	70-130	1	10	
Benzo(g,h,i)perylene	4.63	10	N/A	ug/l	5.00		93	70-130	1	10	
Benzo(k)fluoranthene	5.52	10	N/A	ug/l	5.00		110	70-130	1	10	
Butachlor	5.70	0.38	N/A	ug/l	5.00		114	70-130	1	10	
Butylate	5.44	1.0	N/A	ug/l	5.00		109	70-130	4	10	
Butyl benzyl phthalate	10.7	10	N/A	ug/l	10.0		107	70-130	0	10	
Di-n-butyl phthalate	11.3	5.0	N/A	ug/l	10.0		113	70-130	0	5	
2-Chlorobiphenyl	5.25	0.50	N/A	ug/l	5.00		105	70-130	5	10	
Chloroneb	5.65	0.50	N/A	ug/l	5.00		113	70-130	2	15	
Chloroprotham	6.10	0.50	N/A	ug/l	5.00		122	70-130	2	15	
Chlorpyrifos	5.55	1.0	N/A	ug/l	5.00		111	70-130	1	10	
Chrysene	5.08	5.0	N/A	ug/l	5.00		102	70-130	2	10	
Cycloate	5.79	0.30	N/A	ug/l	5.00		116	70-130	2	10	
Diazinon	5.20	0.25	N/A	ug/l	5.00		104	70-130	5	39	
Dibenz(a,h)anthracene	4.63	5.0	N/A	ug/l	5.00		93	70-130	1	10	
2,3-Dichlorobiphenyl	5.91	0.50	N/A	ug/l	5.00		118	70-130	1	10	
Di(2-ethylhexyl)adipate	11.4	5.0	N/A	ug/l	10.0		114	70-130	1	10	
Di(2-ethylhexyl)phthalate	11.7	3.0	N/A	ug/l	10.0		117	70-130	0	10	
Diethyl phthalate	11.9	5.0	N/A	ug/l	10.0		119	70-130	2	5	
Dimethyl phthalate	11.5	5.0	N/A	ug/l	10.0		115	70-130	0	10	
Diphenamid	5.55	100	N/A	ug/l	5.00		111	70-130	2	5	
Disulfoton	4.81	100	N/A	ug/l	5.00		96	70-130	7	30	
Fluorene	5.63	5.0	N/A	ug/l	5.00		113	70-130	2	5	
2,2',3,3',4,4',6-Heptachlorobiphenyl	4.78	1.0	N/A	ug/l	5.00		96	70-130	1	10	
Hexachlorobenzene	5.60	0.50	N/A	ug/l	5.00		112	70-130	1	10	
2,2',4,4',5,6'-Hexachlorobiphenyl	4.97	1.0	N/A	ug/l	5.00		99	70-130	2	10	
Hexachlorocyclopentadiene	10.5	1.0	N/A	ug/l	10.0		105	70-130	3	15	
Indeno(1,2,3-cd)pyrene	4.61	10	N/A	ug/l	5.00		92	70-130	1	10	

TestAmerica Irvine

Joseph Doak
Project Manager

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

METHOD BLANK/QC DATA

ORGANIC COMPOUNDS BY GC/MS (EPA 525.2)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: C8E2705 Extracted: 05/27/08											
LCS Dup Analyzed: 05/29/2008 (C8E2705-BSD1)											
Lindane (gamma-BHC)	4.90	0.20	N/A	ug/l	5.00		98	70-130	1	5	
Methoxychlor	6.22	10	N/A	ug/l	5.00		124	70-130	3	15	
Metolachlor	5.18	0.50	N/A	ug/l	5.00		104	70-130	1	5	
Metribuzin	4.39	1.0	N/A	ug/l	5.00		88	70-130	2	15	
Molinate	5.58	2.0	N/A	ug/l	5.00		112	70-130	2	10	
Napropamide	5.55	1.0	N/A	ug/l	5.00		111	70-130	3	5	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	4.96	1.0	N/A	ug/l	5.00		99	70-130	0	10	
Pebulate	5.81	0.50	N/A	ug/l	5.00		116	70-130	1	10	
2,2',3',4,6-Pentachlorobiphenyl	4.97	1.0	N/A	ug/l	5.00		99	70-130	0	10	
Permethrins (mixed isomers, total)	10.9	2.0	N/A	ug/l	10.0		109	70-130	1	10	
Phenanthrene	4.72	5.0	N/A	ug/l	5.00		94	70-130	2	10	
Prometryn	5.13	2.0	N/A	ug/l	5.00		103	70-130	1	10	
Propachlor	6.47	0.50	N/A	ug/l	5.00		129	70-130	1	10	
Propazine	5.38	0.50	N/A	ug/l	5.00		108	70-130	1	10	
Pyrene	5.29	5.0	N/A	ug/l	5.00		106	70-130	0	10	
Simazine	3.83	1.0	N/A	ug/l	5.00		77	70-130	1	10	
Simetryn	5.04	1.0	N/A	ug/l	5.00		101	70-130	4	20	
Terbutryn (e)	5.19	1.0	N/A	ug/l	5.00		104	70-130	4	15	
2,2',4,4'-Tetrachlorobiphenyl	5.04	0.50	N/A	ug/l	5.00		101	70-130	2	10	
Thiobencarb	5.41	1.0	N/A	ug/l	5.00		108	70-130	2	5	
Triadimefon	5.47	0.50	N/A	ug/l	5.00		109	70-130	3	10	
2,4,5-Trichlorobiphenyl	4.62	0.50	N/A	ug/l	5.00		92	70-130	0	10	
Trifluralin	6.01	0.50	N/A	ug/l	5.00		120	70-130	2	10	
Vernolate	5.70	0.50	N/A	ug/l	5.00		114	70-130	3	10	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	5.70			ug/l	5.00		114	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	5.70			ug/l	5.00		114	70-130			
Surrogate: Triphenylphosphate	5.16			ug/l	5.00		103	70-130			
Surrogate: Triphenylphosphate	5.16			ug/l	5.00		103	70-130			
Surrogate: Perylene-d12	4.62			ug/l	5.00		92	70-130			
Surrogate: Perylene-d12	4.62			ug/l	5.00		92	70-130			

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

Project ID: Receiving Water
 Quarterly Arroyo- Simi FP
 Report Number: IRE1885

Sampled: 05/21/08
 Received: 05/21/08

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits appear in bold on this page.

LabNumber	Analysis	Analyte	Units	Result	MRL	Compliance Limit
IRE1885-01	608-PCB-low	Aroclor 1016	ug/l	0	0.47	0.5
IRE1885-01	608-PCB-low	Aroclor 1221	ug/l	0	0.47	0.5
IRE1885-01	608-PCB-low	Aroclor 1232	ug/l	0	0.47	0.5
IRE1885-01	608-PCB-low	Aroclor 1242	ug/l	0	0.47	0.5
IRE1885-01	608-PCB-low	Aroclor 1248	ug/l	0	0.47	0.5
IRE1885-01	608-PCB-low	Aroclor 1254	ug/l	0	0.47	0.5
IRE1885-01	608-PCB-low	Aroclor 1260	ug/l	0	0.47	0.5
IRE1885-01	608-Pesticides (LowRL)	4,4'-DDD	ug/l	0	0.0047	0.005
IRE1885-01	608-Pesticides (LowRL)	4,4'-DDE	ug/l	0	0.0047	0.005
IRE1885-01	608-Pesticides (LowRL)	4,4'-DDT	ug/l	0.0011	0.0094	0.01
IRE1885-01	608-Pesticides (LowRL)	Chlordane	ug/l	0	0.094	0.1
IRE1885-01	608-Pesticides (LowRL)	Dieldrin	ug/l	0.0015	0.0047	0.005
IRE1885-01	608-Pesticides (LowRL)	Toxaphene	ug/l	0	0.094	0.1

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Joseph Doak
 Project Manager

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

DATA QUALIFIERS AND DEFINITIONS

- H** Sample analysis performed past method-specified holding time.
- 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).
- MNR1** There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

TestAmerica Irvine

Joseph Doak
Project Manager

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

Project ID: Receiving Water
Quarterly Arroyo- Simi FP
Report Number: IRE1885

Sampled: 05/21/08
Received: 05/21/08

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 200.7	Water	X	X
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

Subcontracted Laboratories

TestAmerica - Ontario, CA *California Cert #1169, Arizona Cert #AZ0062, Nevada Cert #CA-242*

1014 E. Cooley Drive, Suite AB - Colton, CA 92324

Method Performed: EPA 525.2

Samples: IRE1885-01

TestAmerica Irvine

Joseph Doak
Project Manager

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CHAIN OF CUSTODY FORM

Client Name/Address: MWH-Arcadia 618 Michillinda Avenue, Suite 200 Arcadia, CA 91007		Project: Roing-SSFI NPDES Quarterly Arroyo Simi-FP		ANALYSIS REQUIRED											
Test America Contact: Joseph Doak Project Manager: Bronwyn Kelly Sampler: E. WALKER		Phone Number: (626) 568-6691 Fax Number: (626) 568-6515		Hardness as CaCO ₃		PCBs, (608)		Chlorpyrifos, Diazinon (525.2)		Chlordane, Dieldrin, Toxaphene (608), 4,4-DDD, 4,4-DDE, 4,4-DDT		Field readings Temp = 71.2 pH = 7.78 Time of readings = 11:00		Comments	
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservative	Bottle #									
Arroyo Simi-FP	W	1L Poly	1	5/21/08 1100	HNO ₃	1	X								
Arroyo Simi-FP	W	1L Amber	2	↓	None	2A, 2B	X								
Arroyo Simi-FP	W	1L Amber	2		HCl	3A, 3B		X							
Arroyo Simi-FP	W	1L Amber	2	5/21/08 1100	None	4A, 4B		X							
AW															
Relinquished By: <i>[Signature]</i>		Date/Time: 5/21/08 1330		Received By: <i>[Signature]</i>		Date/Time: 5-21-08 13:30		Turn around Time: (check) 24 Hours _____ 5 Days _____ 48 Hours _____ 10 Days _____ 72 Hours _____ Normal <input checked="" type="checkbox"/>							
Relinquished By: <i>[Signature]</i>		Date/Time: 5/21/08 1415		Received By: <i>[Signature]</i>		Date/Time: 5/21/08 1415		Sample Integrity: (check) Intact <input checked="" type="checkbox"/> On Ice: <input checked="" type="checkbox"/>							
Relinquished By: <i>[Signature]</i>		Date/Time: 5/21/08 1645		Received By: <i>[Signature]</i>		Date/Time: 5/21/08 1645									

#028

APPENDIX D

Section 3

April 14, 2008

Aquatic Bioassay & Consulting Bioassessment Report

Date: June 3rd, 2008

To: Bronwyn Kelly
Senior Geologist
MWH Americas, Inc.
618 Michillinda Ave., Suite 200
Arcadia, CA 91007



From: Scott Johnson
Director of Environmental Programs
Aquatic Bioassay and Consulting Laboratories
29 N. Olive St.
Ventura, CA 93001

RE: BIOASSESSMENT SAMPLING FOR THE BOEING COMPANY AT THE SANTA SUSANA FIELD LABORATORY

The Bioassessment Sampling and Analysis Plan for The Boeing Company at the Santa Susana Field Laboratory (SSFL) specifies that spring/summer bioassessment sampling occur from four to six weeks following the last major storm event of the 2008 rain season. On February 24th, 2008, 0.61 inches of rain fell on the SSFL property. Within one week of this rain event, MWH personnel observed that there was no flow at the two potential sampling locations (SSFL-001 & SSFL-006). This observation was verified by a staff scientist from Aquatic Bioassay and Consulting Laboratories, who visited the two potential sampling locations on April 14th, 2008. During the visit there was no flow at either of these sites and no bioassessment sampling was conducted.

As specified in the Sampling and Analysis plan, bioassessment sampling at the SSFL may occur during the fall if the groundwater extraction treatment system (GETS) is completed as planned and is discharging into Bell Canyon Creek. If discharge to the Creek does not begin at least four weeks prior to the end of the fall season, sampling will begin during the spring/summer season of 2009 following the last major storm of that rain season.

If you have any questions regarding this memo or future sampling plans please contact me directly.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Johnson", with a long horizontal flourish extending to the right.

Scott Johnson
Director of Environmental Programs