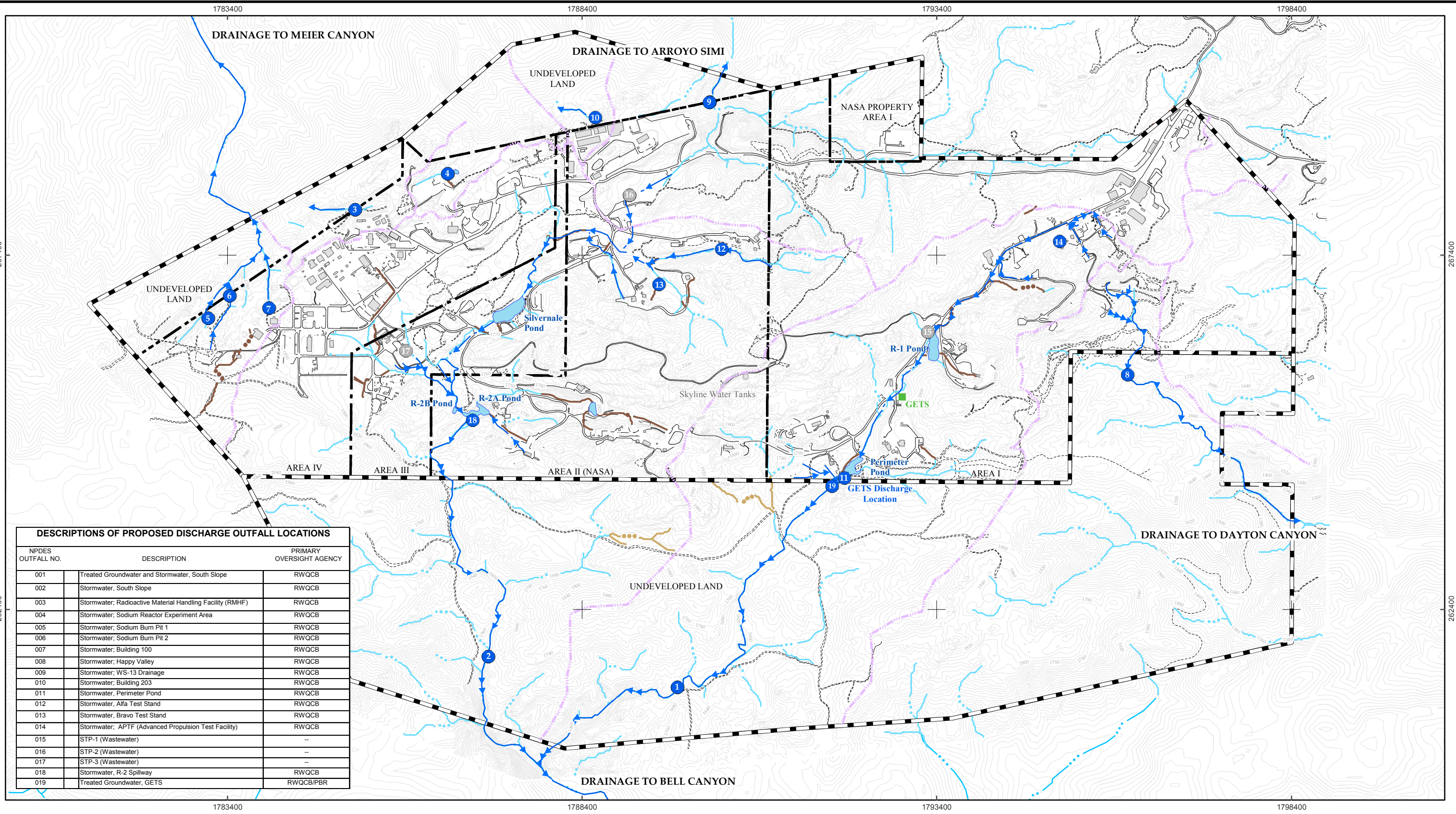
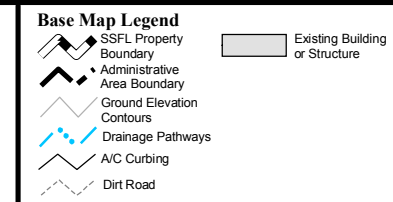
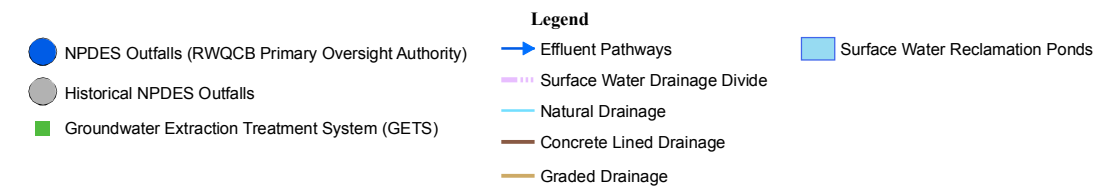
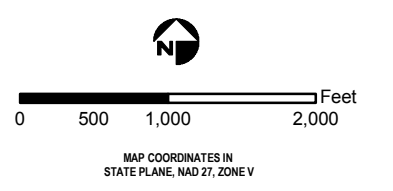


FIGURE 1

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 2009 RAINFALL DATA SUMMARY

**TABLE A
DAILY RAINFALL SUMMARY**

**THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309**

Station: AREA4
Parameter: Rain
Month/Year: June 2009

June 2009
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	0.00p	0.00	0.00	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	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
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	0.00	0.00	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
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

p = power failure, invalid hour

APPENDIX B

SECOND QUARTER 2009 LIQUID WASTE SHIPMENTS SUMMARY
TABLES

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
April 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
4/1/2009	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
4/1/2009	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
4/1/2009	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
4/1/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	39200	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/1/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	42360	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/1/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41420	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/1/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	43240	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/2/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41300	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/2/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40480	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/2/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41860	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/2/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40740	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/3/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40060	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/3/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	38500	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/7/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	39420	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/7/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40280	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/8/2009	WASTE WATER FROM AREA I & AREA II SEWAGE TREATMENT PLANTS	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
4/8/2009	WASTE WATER FROM AREA II & AREA III SEWAGE TREATMENT PLANTS	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
April 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
4/8/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40360	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/8/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41680	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/9/2009	WASTE AEROSOLS (PETROLEUM DISTILLATES)	29	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE FLAMMABLE SOLIDS, ORGANIC (LAB PACK)	9	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE TOXIC LIQUIDS, ORGANIC (LAB PACK)	8	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC (SULFURIC & HYDROCHLORIC ACID)	8	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE MERCURY CONTAINED IN MANUFACTURED ARTICLES	11	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE CORROSIVE LIQUID, BASIC, INORGANIC (LAB PACK)	9	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC (LAB PACK)	67	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE SOLID (LAB PACK)	28	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE LIQUID (WATER, OIL)	31	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE SOLID (SILICA, RESIN)	38	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE SOLID (DEBRIS/OIL)	26	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE LIQUID (LAB PACK)	38	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-HAZARDOUS MATERIAL (RINSE WATER)	2634	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40740	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/9/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41760	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
April 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
4/9/2009	POLYCHLORINATED BIPHENYLS	148	KG.	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
4/9/2009	POLYCHLORINATED BIPHENYLS	33	KG.	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
4/9/2009	POLYCHLORINATED BIPHENYLS	12	KG.	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
4/9/2009	WASTE AEROSOLS (PETROLEUM DISTILLATES)	23	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	HAZARDOUS WASTE, SOLID (DEBRIS, LEAD)	631	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	HAZARDOUS WASTE, SOLID (ACETONE, DEBRIS, TOLUENE)	598	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	HAZARDOUS WASTE, SOLID (DEBRIS, LEAD, CHROME)	87	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE SOLID (DEBRIS/SOIL)	43	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE LIQUID (OIL, WATER)	1223	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE LIQUID (SURFACTANTS, WATER)	2989	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE LIQUID (CEMENT, WATER, WATER WITH CEMENT)	1218	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE SOLID	101	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE FLAMMABLE LIQUIDS (METHANOL, WATER)	83	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE FLAMMABLE LIQUIDS (METHANOL, WATER)	86	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE LIQUID (ETHYLENE GLYCOL, WATER)	634	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE KEROSENE	65	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	HAZARDOUS WASTE SOLID (CRESOL, WOOD)	8	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC.	VEOLIA ENVIRONMENTAL SERVICES INC.

**TABLE B-1
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
April 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE SOLID (OIL FILTER)	99	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE LIQUID	55	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	HAZARDOUS WASTE, SOLID (MERCURY)	20	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE PAINT RELATED MATERIAL (PETROLEUM DISTILLATES)	1000	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE AEROSOLS (ISOBUTANE, PENTANE)	27	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE FLAMMABLE LIQUIDS (METHYL ETHYL KETONE, ISOPROPYL ALCOHOL)	400	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE METHANOL	131	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	TOXIC LIQUIDS (PYRETHRINS, GLYPHOSATE)	84	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE CORROSIVE LIQUIDS, ACIDIC, INORGANIC	26	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE CORROSIVE LIQUID, BASIC, ORGANIC	29	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	WASTE MERCURY	16	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE LIQUID	11	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/9/2009	NON-RCRA HAZARDOUS WASTE LIQUID	797	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/10/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40520	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
4/15/2009	POLYCHLORINATED BIPHENYLS, LIQUID	3327	KG.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
4/15/2009	NON-RCRA HAZARDOUS WASTE LIQUID (OIL FILLED TRANSFORMER)	8550	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043

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LIQUID WASTE SHIPMENTS
April 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
4/15/2009	NON-RCRA HAZARDOUS WASTE LIQUID (OIL FILLED TRANSFORMER)	6046	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
4/15/2009	HAZARDOUS WASTE, SOLID (ACETONE, DEBRIS, TOLUENE)	43	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
4/22/2009	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
4/22/2009	WASTE WATER FROM AREA II & AREA III SEWAGE TREATMENT PLANTS	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
4/22/2009	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER (OUTFALL RINSE WATER)	37400	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
4/22/2009	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER (OUTFALL RINSE WATER)	18200	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
4/24/2009	HAZARDOUS WASTE LIQUID (SOIL, TRICHLOROETHENE WATER)	15	CY.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE RD. KETTLEMAN CITY, CA. 93239
4/29/2009	HAZARDOUS WASTE LIQUID (SOIL, TRICHLOROETHENE WATER)	12	CY.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE RD. KETTLEMAN CITY, CA. 93239

**TABLE B-2
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**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
May 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
5/4/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	33380	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/4/2009	WASTE HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS	4575	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/4/2009	NON-HAZARDOUS, NON-D.O.T. REGULATED STORM WATER (OUTFALL STORM WATER)	41900	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
5/5/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	39780	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/5/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41500	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/5/2009	NON-HAZARDOUS, NON-D.O.T. REGULATED STORM WATER (OUTFALL STORM WATER)	30740	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
5/5/2009	NON-HAZARDOUS, NON-D.O.T. REGULATED STORM WATER (OUTFALL STORM WATER)	26580	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
5/6/2009	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
5/6/2009	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
5/6/2009	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
5/6/2009	NON-HAZARDOUS MATERIAL, NON-D.O.T. REGULATED MATERIAL (SOIL, DEBRIS)	1226	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	NON-HAZARDOUS LIQUID, NON-D.O.T. REGULATED MATERIAL (RINSEWATER)	4351	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	NON-HAZARDOUS LIQUID, NON-D.O.T. REGULATED MATERIAL (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
5/6/2009	NON-HAZARDOUS LIQUID, NON-D.O.T. REGULATED MATERIAL (WATER)	108	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	WASTE AEROSOLS (PETROLEUM DISTILLATES)	41	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	WASTE FLAMMABLE LIQUIDS (ALCOHOLS, PETROLEUM DISTILLATES)	172	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	WASTE OXIDIZING SOLID, CORROSIVE (LAB PACK)	39	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC.	VEOLIA ENVIRONMENTAL SERVICES INC.

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LIQUID WASTE SHIPMENTS
May 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	WASTE TOXIC LIQUID, INORGANIC (LAB PACK)	4	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40880	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/6/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40960	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/6/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	42640	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/6/2009	WASTE FLAMMABLE LIQUIDS (METHANOL, WATER)	55	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	NON-RCRA HAZARDOUS WASTE LIQUID (SURFACTANTS, WATER, SOAP/SURFACTANT)	86	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	HAZARDOUS WASTE, SOLID (ACETONE, DEBRIS, TOLUENE)	1085	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	HAZARDOUS WASTE, SOLID (ACETONE, DEBRIS, TOLUENE)	66	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
5/6/2009	NON-RCRA, NON-D.O.T. REG HAZ WASTE, SOLID (TRACE DRY NITRIC ACID RESIDUE)	1708	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE RD. KETTLEMAN CITY, CA. 93239
5/6/2009	NON-RCRA, NON-D.O.T. REG HAZ WASTE, SOLID (TRACE DRY NITRIC ACID RESIDUE)	1324	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE RD. KETTLEMAN CITY, CA. 93239
5/6/2009	NON-RCRA HAZARDOUS WASTE SOLID (TRACE DRY HYDRAZINE RESIDUE)	338	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE RD. KETTLEMAN CITY, CA. 93239
5/6/2009	HAZARDOUS WASTE LIQUID (SOIL, TRICHLOROETHENE, WATER)	112	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE RD. KETTLEMAN CITY, CA. 93239
5/7/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41820	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/7/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40620	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058

**TABLE B-2
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LIQUID WASTE SHIPMENTS
May 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
5/7/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40280	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/8/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40960	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/11/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	38840	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/12/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	39880	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/13/2009	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
5/13/2009	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
5/13/2009	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
5/13/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	37640	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/13/2009	NON-HAZARDOUS WASTE, LIQUID (SPENT LEAD REMOVAL MEDIA)	4100	LBS.	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/13/2009	NON-HAZARDOUS WASTE, LIQUID (SPENT CATION EXCHANGE MEDIA)	16400	LBS.	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/13/2009	NON-HAZARDOUS WASTE, LIQUID (SPENT LEAD REMOVAL MEDIA)	8200	LBS.	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/13/2009	NON-HAZARDOUS WASTE, LIQUID (SPENT CATION EXCHANGE MEDIA)	12300	LBS.	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/13/2009	NON-HAZARDOUS WASTE, LIQUID (SPENT LEAD REMOVAL MEDIA)	20500	LBS.	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/14/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40640	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/14/2009	NON-HAZARDOUS WASTE, LIQUID (SPENT LEAD REMOVAL MEDIA)	21880	LBS.	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058

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LIQUID WASTE SHIPMENTS
May 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
5/14/2009	NON-HAZARDOUS WASTE, LIQUID (SPENT LEAD REMOVAL MEDIA)	5850	LBS.	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/14/2009	NON-HAZARDOUS WASTE, LIQUID (SPENT CATION EXCHANGE MEDIA)	5850	LBS.	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/14/2009	NON-HAZARDOUS WASTE, LIQUID (SPENT CATION EXCHANGE MEDIA)	19420	LBS.	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/15/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40860	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/18/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41060	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/19/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40980	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/19/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41240	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/20/2009	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
5/20/2009	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
5/20/2009	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
5/20/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41740	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/20/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	40640	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/20/2009	HAZARDOUS WASTE LIQUID (SOIL, TRICHLOROETHENE)	12	CY.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE RD. KETTLEMAN CITY, CA. 93239
5/21/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41260	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/21/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	42960	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/22/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	34920	LBS.	MP ENVIRONMENTAL SERVICES	SIEMENS WATER TECHNOLOGIES

**TABLE B-2
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
May 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
				3400 MANOR STREET, BAKERSFIELD, CA 93308	5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/26/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	8100	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/27/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	42340	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/27/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41300	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/28/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	20340	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058
5/29/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	35120	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058

**TABLE B-3
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
June 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
6/2/2009	POLYCHLORINATED BIPHENYLS, LIQUID (POLYCHLORINATED BIPHENYLS)	4946	KG.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
6/2/2009	NON-RCRA HAZARDOUS WASTE LIQUID	1920	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
6/2/2009	NON-RCRA HAZARDOUS WASTE LIQUID	8400	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
6/2/2009	NON-RCRA HAZARDOUS WASTE LIQUID	9238	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
6/3/2009	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
6/3/2009	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
6/16/2009	NON-HAZARDOUS, NON-D.O.T. REGULATED WATER	42780	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
6/16/2009	NON-HAZARDOUS, NON-D.O.T. REGULATED WATER	29720	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
6/17/2009	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
6/17/2009	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
6/17/2009	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
6/19/2009	NON-HAZARDOUS, NON-D.O.T. REGULATED WATER	8820	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
6/19/2009	NON-HAZARDOUS, NON-D.O.T. REGULATED MATERIAL (SOIL SEDIMENT/WATER)	5	CY.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE RD. KETTLEMAN CITY, CA. 93239
6/19/2009	NON-HAZARDOUS, NON-D.O.T. REGULATED MATERIAL (SOIL SEDIMENT/WATER)	5	CY.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE RD. KETTLEMAN CITY, CA. 93239
6/22/2009	WASTE ACETYLENE DISSOLVED	48	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	SET ENVIRONMENTAL 5743 CHESTWOOD, HOUSTON, TX. 77087
6/22/2009	HYDROGEN CHLORIDE	182	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	SET ENVIRONMENTAL 5743 CHESTWOOD, HOUSTON, TX. 77087
6/23/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	41080	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	SIEMENS WATER TECHNOLOGIES 5375 S. BOYLE AVE. LOS ANGELES, CA. 90058

**TABLE B-3
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
June 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
6/24/2009	NON-RCRA HAZARDOUS WASTE LIQUID (SURFACTANTS, WATER, SOAP/SURFACTANT)	897	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	WASTE FLAMMABLE LIQUIDS (METHANOL, WATER)	89	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	NON-RCRA HAZARDOUS WASTE LIQUID (OIL WATER)	985	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	NON-RCRA HAZARDOUS WASTE LIQUID (OIL WATER)	64	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	NON-RCRA HAZARDOUS WASTE LIQUID (OIL WATER)	406	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	43	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	NON-RCRA HAZARDOUS WASTE LIQUID (FERRIC SULFATE SOLUTION)	487	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	NON-RCRA HAZARDOUS WASTE LIQUID (ALUMINUM SULFATE SOLUTION)	174	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	GROUND WATER WITH TRACE TRICHLOROETHENE	4084	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	POLYCHLORINATED BIPHENYLS	38	KG.	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
6/24/2009	POLYCHLORINATED BIPHENYLS	15	KG.	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
6/24/2009	NON-RCRA HAZARDOUS WASTE LIQUID	44	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
6/24/2009	NON-RCRA HAZARDOUS WASTE LIQUID (NON-PCB BALLASTS)	979	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
6/24/2009	POLYCHLORINATED BIPHENYLS	9	KG.	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043	VEOLIA ENVIRONMENTAL SERVICES INC. 5736 WEST JEFFERSON ST. PHOENIX, AZ. 85043
6/24/2009	NON-HAZARDOUS MATERIAL (RINSE WATER)	724	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	NON-HAZARDOUS MATERIAL (RINSE WATER)	602	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 2009**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
6/24/2009	NON-HAZARDOUS MATERIAL (RINSE WATER)	231	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2009	NON-HAZARDOUS MATERIAL (RINSE WATER)	739	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702

APPENDIX C

SECOND QUARTER 2009 SUMMARY TABLES,
RECEIVING WATER SAMPLING DATA (ARROYO SIMI)

**SECOND QUARTER 2009 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 2009 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 2009 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 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

April 1 through June 30, 2009

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	5/7/2009	
			RESULT	VALIDATION QUALIFIER
pH (Field)	pH Units	6.5-8.5/-	8.1	*
Temperature	F	-/-	74	*
Hardness	mg/L	-/-	720	--
Water Velocity	ft/sec	-/-	0.2	*
Calcium	mg/L	-/-	190	--
Magnesium	mg/L	-/-	62	--
4,4'-DDD	ug/L	0.0014/-	ND < 0.0020	*
4,4'-DDE	ug/L	0.001/-	ND < 0.0030	*
4,4'-DDT	ug/L	0.001/-	ND < 0.0040	*
Aroclor-1016	ug/L	0.0003/-	ND < 0.25	*
Aroclor-1221	ug/L	0.0003/-	ND < 0.25	*
Aroclor-1232	ug/L	0.0003/-	ND < 0.25	*
Aroclor-1242	ug/L	0.0003/-	ND < 0.25	*
Aroclor-1248	ug/L	0.0003/-	ND < 0.25	*
Aroclor-1254	ug/L	0.0003/-	ND < 0.25	*
Aroclor-1260	ug/L	0.0003/-	ND < 0.25	*
Chlordane	ug/L	0.001/-	ND < 0.040	*
Chlorpyrifos	ug/L	0.02/-	ND < 0.10	U
Diazinon	ug/L	0.16/-	ND < 0.24	U
Dieldrin	ug/L	0.0002/-	ND < 0.0020	*
Toxaphene	ug/L	0.0003/-	ND < 0.25	*

APPENDIX D

SECOND QUARTER 2009 ANALYTICAL LABORATORY REPORTS,
CHAIN-OF-CUSTODY, AND VALIDATION REPORTS

APPENDIX D
TABLE OF CONTENTS (1 of 1)

Section No.

- 1 Arroyo Simi, May 7, 2009 - MEC^X Data Validation Reports
- 2 Arroyo Simi, May 7, 2009 - Test America Analytical Laboratory Report
- 3 March 27, 2009 - Aquatic Bioassay & Consulting Bioassessment Report

APPENDIX D

Section 1

Arroyo Simi, May 7, 2009

MEC^X Data Validation Reports



DATA VALIDATION REPORT

Boeing SSFL NPDES

SAMPLE DELIVERY GROUP: ISE0778

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: ISE0778
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	ISE0778-01	CSE0265-001	Water	05/07/09 1100	200.7, 525.2, SM2340B

II. Sample Management

No anomalies were observed regarding sample management. The samples were received at TestAmerica-Irvine and TestAmerica-Ontario within the temperature limit of $4 \pm 2^{\circ}\text{C}$. According to the case narrative for this SDG, the samples were received intact at both laboratories. The COCs were appropriately signed and dated by field and/or laboratory personnel. As the sample was couriered to both 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.
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 METHOD 200.7—Metals

Reviewed By: P. Meeks

Date Reviewed: June 22, 2009

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 Methods 2007, 200.8, and 245.1*, and the *National Functional Guidelines for Inorganic Data Review (10/04)*.

- Holding Times: The analytical holding times, 180 days for ICP metals, was met.
- Tuning: Not applicable to this analysis.
- Calibration: Calibration criteria were met. Initial and continuing calibration recoveries were within 90-110% for the ICP metals. The CRI check standards were recovered within the control limits of 70-130%.
- Blanks: There were no applicable detects in the method blanks or CCBs.
- Interference Check Samples: Recoveries were within the method-established control limits.
- Blank Spikes and Laboratory Control Samples: The recoveries were within the laboratory-established QC limits.
- Laboratory Duplicates: No laboratory duplicate analysis was 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 this analysis.
- Sample Result Verification: Calculations were verified and the sample results reported on the sample result summaries were verified against the raw data. No transcription errors or calculation errors were noted. Detects reported below 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: June 9, 2009

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 continuing calibration RRFs were ≥ 0.05 and recoveries 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: The recoveries and RPDs 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 and precision were evaluated 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. 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: ISE0778

Analysis Method *EPA 200.7*

Sample Name Arroyo Simi-FP **Matrix Type:** Water **Validation Level:** IV
Lab Sample Name: ISE0778-01 **Sample Date:** 5/7/2009 11:00:00 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	62	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: ISE0778-01 **Sample Date:** 5/7/2009 11:00:00 AM

Analyte	CAS No	Result Value	RL	MDL	Result Units	Lab Qualifier	Validation Qualifier	Validation Notes
Chlorpyrifos	2921-88-2	ND	1.0	0.10	ug/l		U	
Diazinon	333-41-5	ND	0.25	0.24	ug/l		U	

Analysis Method *SM2340B*

Sample Name Arroyo Simi-FP **Matrix Type:** Water **Validation Level:** IV
Lab Sample Name: ISE0778-01 **Sample Date:** 5/7/2009 11:00:00 AM

Analyte	CAS No	Result Value	RL	MDL	Result Units	Lab Qualifier	Validation Qualifier	Validation Notes
Hardness as CaCO3		720	0.33	0.17	mg/l			

APPENDIX D

Section 2

Arroyo Simi, May 7, 2009

Test America Analytical Laboratory Report

LABORATORY REPORT

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

Project: Quarterly Arroyo Simi-Frontier
Park

Sampled: 05/07/09
Received: 05/07/09
Issued: 05/20/09 09:48

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

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

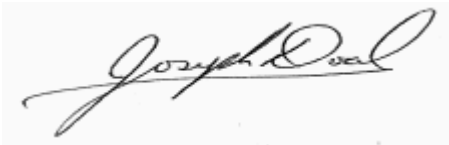
SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID
ISE0778-01

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: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09
 Received: 05/07/09

ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISE0778-01 (Arroyo Simi-FP - Water)									
Reporting Units: ug/l									
4,4'-DDD	EPA 608	9E08013	0.0020	0.0050	ND	1	05/08/09	05/11/09	
4,4'-DDE	EPA 608	9E08013	0.0030	0.0050	ND	1	05/08/09	05/11/09	
4,4'-DDT	EPA 608	9E08013	0.0040	0.010	ND	1	05/08/09	05/11/09	
Dieldrin	EPA 608	9E08013	0.0020	0.0050	ND	1	05/08/09	05/11/09	
Chlordane	EPA 608	9E08013	0.040	0.10	ND	1	05/08/09	05/11/09	
Toxaphene	EPA 608	9E08013	0.25	0.50	ND	1	05/08/09	05/11/09	
Surrogate: Decachlorobiphenyl (45-120%)					80 %				
Surrogate: Tetrachloro-m-xylene (35-115%)					76 %				

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: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09
 Received: 05/07/09

TOTAL PCBS (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISE0778-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: ug/l									
Aroclor 1016	EPA 608	9E08013	0.25	0.50	ND	1	05/08/09	05/08/09	
Aroclor 1221	EPA 608	9E08013	0.25	0.50	ND	1	05/08/09	05/08/09	
Aroclor 1232	EPA 608	9E08013	0.25	0.50	ND	1	05/08/09	05/08/09	
Aroclor 1242	EPA 608	9E08013	0.25	0.50	ND	1	05/08/09	05/08/09	
Aroclor 1248	EPA 608	9E08013	0.25	0.50	ND	1	05/08/09	05/08/09	
Aroclor 1254	EPA 608	9E08013	0.25	0.50	ND	1	05/08/09	05/08/09	
Aroclor 1260	EPA 608	9E08013	0.25	0.50	ND	1	05/08/09	05/08/09	
Surrogate: Decachlorobiphenyl (45-120%)					88 %				

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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: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09

Received: 05/07/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISE0778-01 (Arroyo Simi-FP - Water)									
Reporting Units: mg/l									
Hardness as CaCO3	SM2340B	[CALC]	N/A	0.33	720	1	05/18/09	05/19/09	
Calcium	EPA 200.7	9E18116	0.050	0.10	190	1	05/18/09	05/19/09	
Magnesium	EPA 200.7	9E18116	0.012	0.020	62	1	05/18/09	05/19/09	

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Project Manager

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NPDES-15

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

Project ID: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09
Received: 05/07/09

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: ISE0778-01 (Arroyo Simi-FP - Water)									
Reporting Units: ug/l									
Chlorpyrifos	EPA 525.2	C9E0808	0.10	1.0	ND	1	05/08/09	05/08/09	
Diazinon	EPA 525.2	C9E0808	0.24	0.25	ND	1	05/08/09	05/08/09	
<i>Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)</i>					92 %				
<i>Surrogate: Triphenylphosphate (70-130%)</i>					118 %				
<i>Surrogate: Perylene-d12 (70-130%)</i>					97 %				

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Project Manager

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NPDES-16

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

Project ID: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09

Received: 05/07/09

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 (ISE0778-01) - Water EPA 525.2	1	05/07/2009 11:00	05/07/2009 18:35	05/08/2009 09:50	05/08/2009 18:29

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Project Manager

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NPDES-17

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

Project ID: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09
Received: 05/07/09

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: 9E08013 Extracted: 05/08/09											
Blank Analyzed: 05/11/2009 (9E08013-BLK1)											
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							
Chlordane	ND	0.10	0.040	ug/l							
Toxaphene	ND	0.50	0.25	ug/l							
Surrogate: Decachlorobiphenyl	0.398			ug/l	0.500		80	45-120			
Surrogate: Tetrachloro-m-xylene	0.329			ug/l	0.500		66	35-115			
LCS Analyzed: 05/11/2009 (9E08013-BS1)											
4,4'-DDD	0.443	0.0050	0.0020	ug/l	0.500		89	55-120			
4,4'-DDE	0.402	0.0050	0.0030	ug/l	0.500		80	50-120			
4,4'-DDT	0.416	0.010	0.0040	ug/l	0.500		83	55-120			
Dieldrin	0.401	0.0050	0.0020	ug/l	0.500		80	55-115			
Surrogate: Decachlorobiphenyl	0.435			ug/l	0.500		87	45-120			
Surrogate: Tetrachloro-m-xylene	0.379			ug/l	0.500		76	35-115			
LCS Dup Analyzed: 05/11/2009 (9E08013-BSD1)											
4,4'-DDD	0.438	0.0050	0.0020	ug/l	0.500		88	55-120	1	30	
4,4'-DDE	0.388	0.0050	0.0030	ug/l	0.500		78	50-120	4	30	
4,4'-DDT	0.416	0.010	0.0040	ug/l	0.500		83	55-120	0	30	
Dieldrin	0.388	0.0050	0.0020	ug/l	0.500		78	55-115	3	30	
Surrogate: Decachlorobiphenyl	0.459			ug/l	0.500		92	45-120			
Surrogate: Tetrachloro-m-xylene	0.367			ug/l	0.500		73	35-115			

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Project Manager

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NPDES-18

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

Project ID: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09
 Received: 05/07/09

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: 9E08013 Extracted: 05/08/09											
Blank Analyzed: 05/08/2009 (9E08013-BLK1)											
Aroclor 1016	ND	0.50	0.25	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	0.25	ug/l							
Surrogate: Decachlorobiphenyl	0.473			ug/l	0.500		95	45-120			
LCS Analyzed: 05/08/2009 (9E08013-BS2)											
Aroclor 1016	3.34	0.50	0.25	ug/l	4.00		84	50-115			MNR1
Aroclor 1260	3.49	0.50	0.25	ug/l	4.00		87	60-120			
Surrogate: Decachlorobiphenyl	0.420			ug/l	0.500		84	45-120			
LCS Dup Analyzed: 05/08/2009 (9E08013-BSD2)											
Aroclor 1016	3.35	0.50	0.25	ug/l	4.00		84	50-115	0	30	
Aroclor 1260	3.55	0.50	0.25	ug/l	4.00		89	60-120	2	25	
Surrogate: Decachlorobiphenyl	0.428			ug/l	0.500		86	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: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09
 Received: 05/07/09

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: 9E18116 Extracted: 05/18/09											
Blank Analyzed: 05/19/2009 (9E18116-BLK1)											
Calcium	0.0628	0.10	0.050	mg/l							J
Magnesium	ND	0.020	0.012	mg/l							
LCS Analyzed: 05/19/2009 (9E18116-BS1)											
Calcium	2.44	0.10	0.050	mg/l	2.50		97	85-115			
Magnesium	2.41	0.020	0.012	mg/l	2.50		96	85-115			
Matrix Spike Analyzed: 05/19/2009 (9E18116-MS1) Source: ISE1355-01											
Calcium	66.5	0.10	0.050	mg/l	2.50	63.7	111	70-130			MHA
Magnesium	12.2	0.020	0.012	mg/l	2.50	9.65	100	70-130			
Matrix Spike Analyzed: 05/19/2009 (9E18116-MS2) Source: ISE1353-01											
Calcium	14.2	0.10	0.050	mg/l	2.50	11.7	103	70-130			MHA
Magnesium	5.50	0.020	0.012	mg/l	2.50	3.08	97	70-130			
Matrix Spike Dup Analyzed: 05/19/2009 (9E18116-MSD1) Source: ISE1355-01											
Calcium	66.2	0.10	0.050	mg/l	2.50	63.7	98	70-130	1	20	MHA
Magnesium	12.0	0.020	0.012	mg/l	2.50	9.65	93	70-130	1	20	

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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: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09
Received: 05/07/09

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: C9E0808 Extracted: 05/08/09											
Blank Analyzed: 05/08/2009 (C9E0808-BLK1)											
Chlorpyrifos	ND	1.0	0.10	ug/l							
Diazinon	ND	0.25	0.24	ug/l							
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.68			ug/l	5.00		94	70-130			
Surrogate: Triphenylphosphate	5.11			ug/l	5.00		102	70-130			
Surrogate: Perylene-d12	4.17			ug/l	5.00		83	70-130			
LCS Analyzed: 05/08/2009 (C9E0808-BS1)											
Chlorpyrifos	5.86	1.0	0.10	ug/l	5.00		117	70-130			MNR1
Diazinon	5.95	0.25	0.24	ug/l	5.00		119	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.88			ug/l	5.00		98	70-130			
Surrogate: Triphenylphosphate	5.70			ug/l	5.00		114	70-130			
Surrogate: Perylene-d12	4.55			ug/l	5.00		91	70-130			
LCS Dup Analyzed: 05/11/2009 (C9E0808-BSD1)											
Chlorpyrifos	5.65	1.0	0.10	ug/l	5.00		113	70-130	4	10	
Diazinon	5.93	0.25	0.24	ug/l	5.00		119	70-130	0	39	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.71			ug/l	5.00		94	70-130			
Surrogate: Triphenylphosphate	5.52			ug/l	5.00		110	70-130			
Surrogate: Perylene-d12	4.43			ug/l	5.00		89	70-130			

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: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09
Received: 05/07/09

DATA QUALIFIERS AND DEFINITIONS

- J** Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
- 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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ISE0778 <Page 11 of 12>
NPDES-22

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

Project ID: Quarterly Arroyo Simi-Frontier Park

Report Number: ISE0778

Sampled: 05/07/09
Received: 05/07/09

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: ISE0778-01

TestAmerica Irvine

Joseph Doak
Project Manager

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APPENDIX D

Section 3

March 27, 2009

Aquatic Bioassay & Consulting Bioassessment Report

Date: May 29th, 2009

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 (2009)

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 2009 rain season. On February 16th, 2009, 1.91 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 Boeing personnel, who visited the two potential sampling locations on March 27th, 2009. 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 2010 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 blue ink, appearing to read "Scott Johnson".

Scott Johnson
Director of Environmental Programs
805 643 5621 x 11