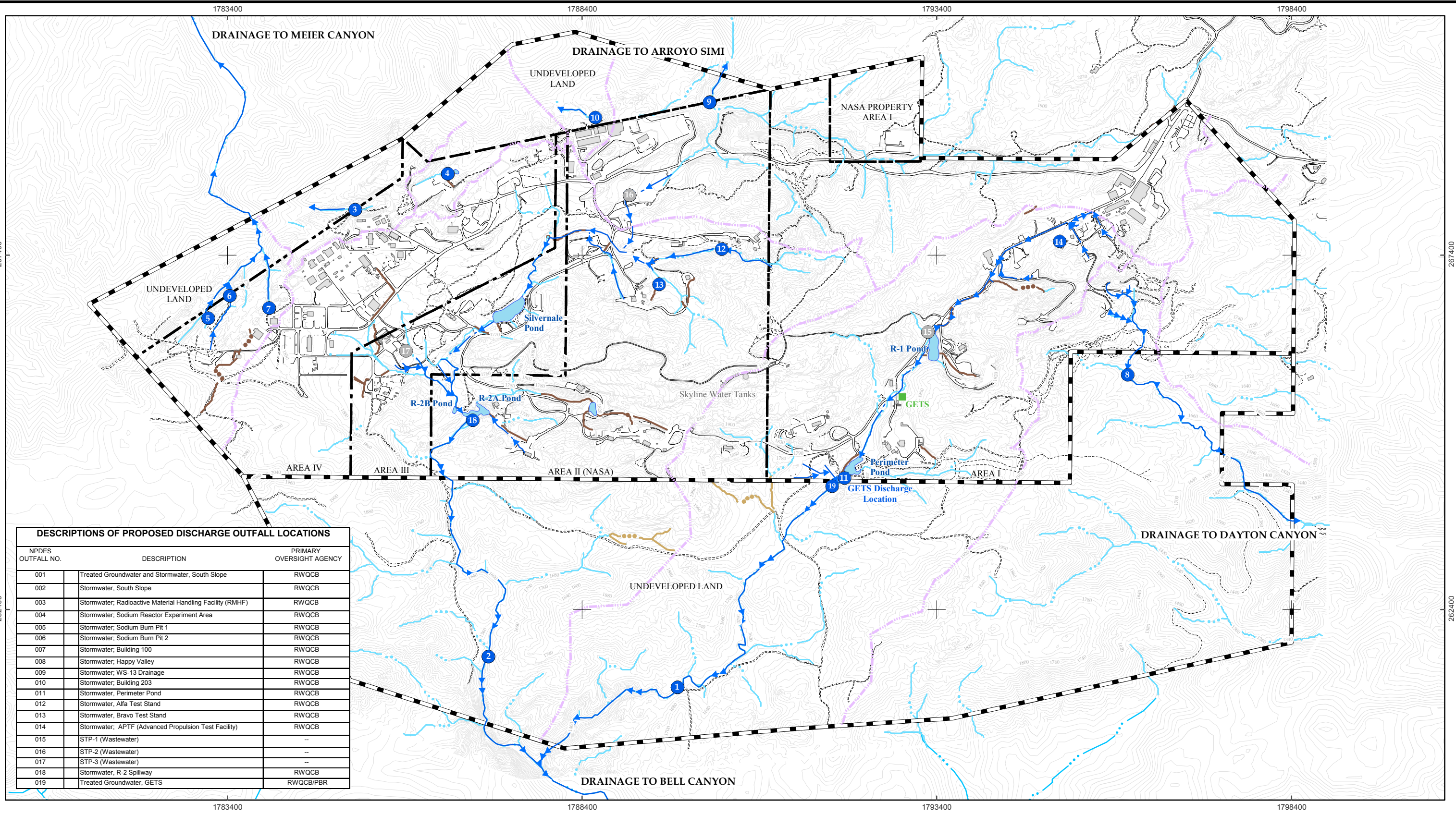
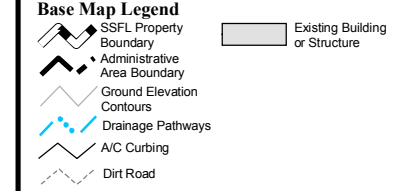
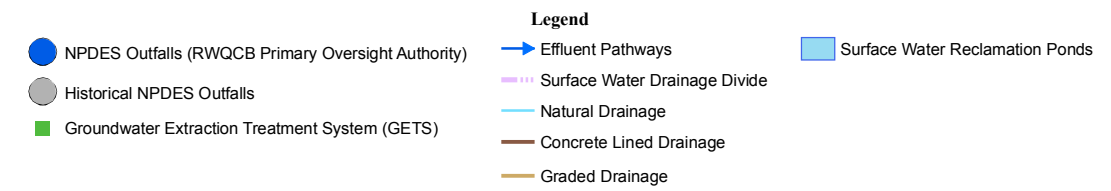
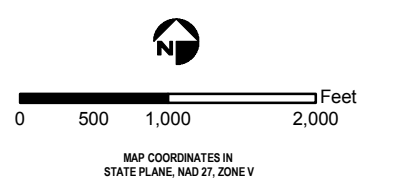


FIGURE 1

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

Date: Jan 28, 2008
 File: T:\projects\rock\plots\acmap\1\00X\Draft\NPDES.mxd

FIGURE 1

APPENDIX A

THIRD QUARTER 2008 RAINFALL DATA SUMMARY

**TABLE A
DAILY RAINFALL SUMMARY**

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

**THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309**

**September 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	0.00p	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	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	0.00D	0.15	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	0.15
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	INV	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
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00
30	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	0.00

D - Marked Down, Valid Hour
INV - Data not recorded due to power outage at site.
p = Power failure, invalid hour

APPENDIX B

THIRD QUARTER 2008 LIQUID WASTE SHIPMENTS SUMMARY
TABLES

**TABLE B-1
THE BOEING COMPANY**

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

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
7/7/2008	NON-HAZARDOUS MATERIAL (GROUNDWATER, TRACE INERT SOLIDS)	35540	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
7/8/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
7/8/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
7/8/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
7/22/2008	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER	42820	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
7/23/2008	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER	42900	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
7/23/2008	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER	43140	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
7/23/2008	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER	39240	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
7/23/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
7/23/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
7/23/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
7/24/2008	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER	40080	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
7/24/2008	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER	42820	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
7/24/2008	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER	42700	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
7/25/2008	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER	33100	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.

**TABLE B-2
THE BOEING COMPANY**

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

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
8/4/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
8/4/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
8/4/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
8/4/2008	WASTE WATER FROM STL4 SEPTIC TANK & PUMP STATIONS	500	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
8/12/2008	TRICHLOROETHENE	41400	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	WASTE AEROSOLS (PETROLEUM DISTILLATES)	30	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	WASTE BATTERY, WET, FILLED WITH ACID	1508	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	WASTE SODIUM HYDROXIDE SOLUTION (SODIUM HYDROXIDE, TRIETHANOLAMINE)	2956	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	WASTE SODIUM HYDROXIDE SOLUTION (SODIUM HYDROXIDE)	59	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	NON-RCRA HAZARDOUS WASTE LIQUID (ETHYLENE GLYCOL, WATER)	291	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	NON-RCRA HAZARDOUS WASTE LIQUID (OIL, WATER)	5191	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	NON-RCRA HAZARDOUS WASTE LIQUID (OIL, WATER)	4640	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	NON-RCRA HAZARDOUS WASTE LIQUID (SURFACTANTS, WATER, SOAP/SURFACTANT)	940	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	NON-RCRA HAZARDOUS WASTE LIQUID (SURFACTANTS, WATER, SOAP/SURFACTANT)	3070	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	NON-RCRA HAZARDOUS WASTE LIQUID (OIL, WATER)	204	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	NON-RCRA HAZARDOUS WASTE LIQUID (CEMENT, WATER, WATER WITH CEMENT)	224	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	TRICHLOROETHENE	41320	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702

**TABLE B-2
THE BOEING COMPANY**

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

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
8/13/2008	WASTE PAIN 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
8/13/2008	WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC (SULFURIC ACID, HYDROCHLORIC ACID)	21	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	WASTE MERCURY	24	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	NON-RCRA HAZARDOUS WASTE LIQUID (WATER, OIL)	35	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/13/2008	NON-RCRA HAZARDOUS WASTE LIQUID (WATER, OIL)	169	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/14/2008	TRICHLOROETHENE	41200	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/15/2008	TRICHLOROETHENE	43880	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/20/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
8/20/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
8/20/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
8/20/2008	TRICHLOROETHENE	42100	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/21/2008	TRICHLOROETHENE	41980	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/22/2008	TRICHLOROETHENE	40100	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/25/2008	TRICHLOROETHENE	42120	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/26/2008	TRICHLOROETHENE	41420	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/27/2008	TRICHLOROETHENE	41080	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/28/2008	TRICHLOROETHENE	41960	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702

**TABLE B-2
THE BOEING COMPANY**

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

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
8/29/2008	NON-RCRA HAZARODOUS WASTE LIQUID (OIL, WATER)	222	LBS.	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
8/29/2008	NON-RCRA HAZARODOUS WASTE LIQUID (OIL, WATER)	276	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
September 2008**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
9/3/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
9/3/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
9/3/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
9/11/2008	TRICHLOROETHENE	41680	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
9/12/2008	TRICHLOROETHENE	24160	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
9/15/2008	TRICHLOROETHENE	46646	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
9/16/2008	TRICHLOROETHENE	22230	LBS.	MP ENVIRONMENTAL SERVICES 3400 MANOR STREET, BAKERSFIELD, CA 93308	VEOLIA ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
9/16/2008	NON-HAZARDOUS, NON-D.O.T. REGULATED RINSE WATER	28360	LBS.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.
9/17/2008	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
9/17/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
9/17/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
9/17/2008	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
9/26/2008	NON-RCRA HAZARDOUS WASTE LIQUID (LABPACK)	101	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

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

**THIRD 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

**THIRD 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

**THIRD 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)

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

July 1 through September 30, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	8/7/2008	
			RESULT	VALIDATION QUALIFIER
pH (Field)	pH Units	6.5-8.5/-	7.9	*
Temperature	F	-/-	79.5	*
Hardness	mg/L	-/-	650	--
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	-/-	170	--
Chlorpyrifos	ug/L	0.02/-	ND < 0.10	U
Diazinon	ug/L	0.16/-	ND < 0.24	U
Magnesium	mg/L	-/-	54	--

APPENDIX D

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

APPENDIX D
TABLE OF CONTENTS (1 of 1)

Section No.

- 1 Arroyo Simi, August 7, 2008 - MEC^X Data Validation Reports
- 2 Arroyo Simi, August 7, 2008 - Test America Analytical Laboratory Report

APPENDIX D

Section 1

Arroyo Simi, August 7, 2008
MEC^X Data Validation Reports



DATA VALIDATION REPORT

Boeing SSFL NPDES, Surface Water Sampling
Arroyo Simi-FP

SAMPLE DELIVERY GROUP: IRH0657

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: IRH0657
 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	IRH0657-01	C8H0303-01	Water	08/07/08 11:40	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: September 30, 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: ICESA/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 not 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 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: September 30, 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 and analytical holding times were met. The sample was extracted within 24 hours of collection and 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. Chlorpyrifos was not reported on the QC summary forms but was reviewed in the raw data and on the quantitation sheets.
- Blank Spikes and Laboratory Control Samples: Recoveries and RPDs were within laboratory-established QC limits. The recoveries and RPDs for chlorpyrifos were not reported on the QC summary sheets but were calculated by the reviewer and found to be acceptable.
- 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 $\pm 30\%$ and ± 5 seconds, respectively.
- 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.

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

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: IRH0657-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: ug/l									
Chlorpyrifos	EPA 525.2	C8H0805	0.10	1.0	ND	1	08/08/08	08/08/08	u
Diazinon	EPA 525.2	C8H0805	0.24	0.25	ND	1	08/08/08	08/08/08	u
<i>Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)</i>					106 %				
<i>Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)</i>					106 %				
<i>Surrogate: Triphenylphosphate (70-130%)</i>					111 %				
<i>Surrogate: Triphenylphosphate (70-130%)</i>					111 %				
<i>Surrogate: Perylene-d12 (70-130%)</i>					110 %				
<i>Surrogate: Perylene-d12 (70-130%)</i>					110 %				

TestAmerica Irvine

Joseph Doak
 Project Manager

LEVEL IV

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

IRH0657 <Page 5 of 17>

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

Project ID: Receiving Water
Quarterly - Arroyo Simi FP
Report Number: IRH0657

Sampled: 08/07/08
Received: 08/07/08

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRH0657-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: mg/l									
Hardness as CaCO3	SM2340B	[CALC]	N/A	0.33	650	1	08/11/08	08/16/08	
Calcium	EPA 200.7	8H11079	0.050	0.10	170	1	08/11/08	08/16/08	
Magnesium	EPA 200.7	8H11079	0.012	0.020	54	1	08/11/08	08/16/08	

TestAmerica Irvine

Joseph Doak
Project Manager

LEVEL IV

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

IRH0657 <Page 4 of 17>

NPDES-11

APPENDIX D

Section 2

Arroyo Simi, August 7, 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: 08/07/08
Received: 08/07/08
Revised: 09/25/08 15:11

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.

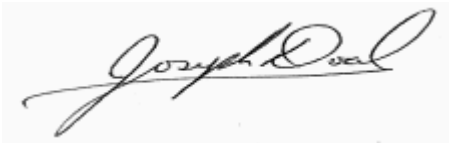
ADDITIONAL INFORMATION: This is a revised report to correct the Project Header Name.

LABORATORY ID
IRH0657-01

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: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRH0657-01 (Arroyo Simi-FP - Water)									
Reporting Units: ug/l									
4,4'-DDD	EPA 608	8H11039	0.0019	0.0047	ND	0.943	08/11/08	08/12/08	
4,4'-DDE	EPA 608	8H11039	0.0028	0.0047	ND	0.943	08/11/08	08/12/08	
4,4'-DDT	EPA 608	8H11039	0.0038	0.0094	ND	0.943	08/11/08	08/12/08	
Dieldrin	EPA 608	8H11039	0.0019	0.0047	ND	0.943	08/11/08	08/12/08	
Chlordane	EPA 608	8H11039	0.028	0.094	ND	0.943	08/11/08	08/12/08	
Toxaphene	EPA 608	8H11039	0.066	0.094	ND	0.943	08/11/08	08/12/08	
Surrogate: Decachlorobiphenyl (45-120%)					98 %				
Surrogate: Tetrachloro-m-xylene (35-115%)					65 %				

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

TOTAL PCBS (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRH0657-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: ug/l									
Aroclor 1016	EPA 608	8H11039	0.42	0.47	ND	0.943	08/11/08	08/11/08	
Aroclor 1221	EPA 608	8H11039	0.24	0.47	ND	0.943	08/11/08	08/11/08	
Aroclor 1232	EPA 608	8H11039	0.24	0.47	ND	0.943	08/11/08	08/11/08	
Aroclor 1242	EPA 608	8H11039	0.24	0.47	ND	0.943	08/11/08	08/11/08	
Aroclor 1248	EPA 608	8H11039	0.24	0.47	ND	0.943	08/11/08	08/11/08	
Aroclor 1254	EPA 608	8H11039	0.24	0.47	ND	0.943	08/11/08	08/11/08	
Aroclor 1260	EPA 608	8H11039	0.28	0.47	ND	0.943	08/11/08	08/11/08	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					90 %				

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
Quarterly - Arroyo Simi FP
Report Number: IRH0657

Sampled: 08/07/08
Received: 08/07/08

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRH0657-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: mg/l									
Hardness as CaCO3	SM2340B	[CALC]	N/A	0.33	650	1	08/11/08	08/16/08	
Calcium	EPA 200.7	8H11079	0.050	0.10	170	1	08/11/08	08/16/08	
Magnesium	EPA 200.7	8H11079	0.012	0.020	54	1	08/11/08	08/16/08	

TestAmerica Irvine

Joseph Doak
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

IRH0657 <Page 4 of 17>
NPDES-16

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

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: IRH0657-01 (Arroyo Simi-FP - Water) - cont.									
Reporting Units: ug/l									
Chlorpyrifos	EPA 525.2	C8H0805	0.10	1.0	ND	1	08/08/08	08/08/08	
Diazinon	EPA 525.2	C8H0805	0.24	0.25	ND	1	08/08/08	08/08/08	
<i>Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)</i>					<i>106 %</i>				
<i>Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)</i>					<i>106 %</i>				
<i>Surrogate: Triphenylphosphate (70-130%)</i>					<i>111 %</i>				
<i>Surrogate: Triphenylphosphate (70-130%)</i>					<i>111 %</i>				
<i>Surrogate: Perylene-d12 (70-130%)</i>					<i>110 %</i>				
<i>Surrogate: Perylene-d12 (70-130%)</i>					<i>110 %</i>				

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
Quarterly - Arroyo Simi FP
Report Number: IRH0657

Sampled: 08/07/08
Received: 08/07/08

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 (IRH0657-01) - Water EPA 525.2	1	08/07/2008 11:40	08/07/2008 18:00	08/08/2008 08:29	08/08/2008 19:06

TestAmerica Irvine

Joseph Doak
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

IRH0657 <Page 6 of 17>
NPDES-18

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

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: 8H11039 Extracted: 08/11/08											
Blank Analyzed: 08/12/2008 (8H11039-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	0.030	ug/l							
Toxaphene	ND	0.10	0.070	ug/l							
Surrogate: Decachlorobiphenyl	0.491			ug/l	0.500		98	45-120			
Surrogate: Tetrachloro-m-xylene	0.402			ug/l	0.500		80	35-115			
LCS Analyzed: 08/12/2008 (8H11039-BS1)											
4,4'-DDD	0.469	0.0050	0.0020	ug/l	0.500		94	55-120			MNR1
4,4'-DDE	0.455	0.0050	0.0030	ug/l	0.500		91	50-120			
4,4'-DDT	0.497	0.010	0.0040	ug/l	0.500		99	55-120			
Dieldrin	0.468	0.0050	0.0020	ug/l	0.500		94	55-115			
Surrogate: Decachlorobiphenyl	0.468			ug/l	0.500		94	45-120			
Surrogate: Tetrachloro-m-xylene	0.392			ug/l	0.500		78	35-115			
LCS Dup Analyzed: 08/12/2008 (8H11039-BSD1)											
4,4'-DDD	0.474	0.0050	0.0020	ug/l	0.500		95	55-120	1	30	
4,4'-DDE	0.451	0.0050	0.0030	ug/l	0.500		90	50-120	1	30	
4,4'-DDT	0.502	0.010	0.0040	ug/l	0.500		100	55-120	1	30	
Dieldrin	0.466	0.0050	0.0020	ug/l	0.500		93	55-115	0	30	
Surrogate: Decachlorobiphenyl	0.482			ug/l	0.500		96	45-120			
Surrogate: Tetrachloro-m-xylene	0.383			ug/l	0.500		77	35-115			
Batch: IH81101 Extracted: 08/11/08											
Cal Check Toxaphene Analyzed: 08/12/2008 (IH81101-CVT1)											
Toxaphene	2950	NA	N/A	ug/l	3000		98	85-115			
Surrogate: Decachlorobiphenyl	138			ug/l	150		92	0-200			
Surrogate: Tetrachloro-m-xylene	175			ug/l	150		116	0-200			

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: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

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: IH81101 Extracted: 08/11/08											
Cal Check Toxaphene Analyzed: 08/12/2008 (IH81101-CVT2)											
Toxaphene	6960	NA	N/A	ug/l	7000		99	85-115			
Surrogate: Decachlorobiphenyl	331			ug/l	350		95	0-200			
Surrogate: Tetrachloro-m-xylene	381			ug/l	350		109	0-200			
Instrument Blank Analyzed: 08/12/2008 (IH81101-IBL2)											
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							
Aldrin	ND	0.0050	0.0015	ug/l							
alpha-BHC	ND	0.0050	0.0025	ug/l							
beta-BHC	ND	0.010	0.0040	ug/l							
delta-BHC	ND	0.0050	0.0035	ug/l							
Dieldrin	ND	0.0050	0.0020	ug/l							
Endosulfan I	ND	0.0050	0.0020	ug/l							
Endosulfan II	ND	0.0050	0.0030	ug/l							
Endosulfan sulfate	1.52	0.010	0.0030	ug/l							
Endrin	ND	0.0050	0.0020	ug/l							
Endrin aldehyde	ND	0.010	0.0020	ug/l							
Endrin ketone	ND	0.010	0.0030	ug/l							
gamma-BHC (Lindane)	ND	0.020	0.0030	ug/l							
Heptachlor	ND	0.010	0.0030	ug/l							
Heptachlor epoxide	ND	0.0050	0.0025	ug/l							
Methoxychlor	ND	0.0050	0.0035	ug/l							
Chlordane	ND	0.10	0.030	ug/l							
Toxaphene	ND	0.10	0.070	ug/l							
Surrogate: Decachlorobiphenyl	0.394			ug/l				45-120			
Surrogate: Tetrachloro-m-xylene	ND			ug/l				35-115			

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: IH81101 Extracted: 08/11/08											
Initial Cal Blank Analyzed: 08/11/2008 (IH81101-ICB1)											
4,4'-DDD	ND	NA	N/A	ug/l							
4,4'-DDE	ND	NA	N/A	ug/l							
4,4'-DDT	ND	NA	N/A	ug/l							
Aldrin	ND	NA	N/A	ug/l							
alpha-BHC	ND	NA	N/A	ug/l							
beta-BHC	ND	NA	N/A	ug/l							
delta-BHC	ND	NA	N/A	ug/l							
Dieldrin	ND	NA	N/A	ug/l							
Endosulfan I	ND	NA	N/A	ug/l							
Endosulfan II	ND	NA	N/A	ug/l							
Endosulfan sulfate	ND	NA	N/A	ug/l							
Endrin	ND	NA	N/A	ug/l							
Endrin aldehyde	ND	NA	N/A	ug/l							
Endrin ketone	ND	NA	N/A	ug/l							
gamma-BHC (Lindane)	ND	NA	N/A	ug/l							
Heptachlor	ND	NA	N/A	ug/l							
Heptachlor epoxide	ND	NA	N/A	ug/l							
Methoxychlor	ND	NA	N/A	ug/l							
Chlordane	ND	NA	N/A	ug/l							
Toxaphene	ND	NA	N/A	ug/l							
Surrogate: Decachlorobiphenyl	ND			ug/l				45-120			
Surrogate: Tetrachloro-m-xylene	ND			ug/l				35-115			

Low Cal Check Analyzed: 08/12/2008 (IH81101-LCV1)

4,4'-DDD	24.0	NA	N/A	ug/l	25.0		96	0-200			
4,4'-DDE	23.6	NA	N/A	ug/l	25.0		95	0-200			
4,4'-DDT	24.6	NA	N/A	ug/l	25.0		98	0-200			
Aldrin	24.3	NA	N/A	ug/l	25.0		97	0-200			
alpha-BHC	23.7	NA	N/A	ug/l	25.0		95	0-200			
beta-BHC	25.0	NA	N/A	ug/l	25.0		100	0-200			
delta-BHC	23.5	NA	N/A	ug/l	25.0		94	0-200			
Dieldrin	24.5	NA	N/A	ug/l	25.0		98	0-200			
Endosulfan I	25.1	NA	N/A	ug/l	25.0		100	0-200			
Endosulfan II	25.3	NA	N/A	ug/l	25.0		101	0-200			
Endosulfan sulfate	28.5	NA	N/A	ug/l	25.0		114	0-200			
Endrin	24.6	NA	N/A	ug/l	25.0		98	0-200			

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

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: IH81101 Extracted: 08/11/08											
Low Cal Check Analyzed: 08/12/2008 (IH81101-LCV1)											
Endrin aldehyde	25.5	NA	N/A	ug/l	25.0		102	0-200			
Endrin ketone	26.7	NA	N/A	ug/l	25.0		107	0-200			
gamma-BHC (Lindane)	23.5	NA	N/A	ug/l	25.0		94	0-200			
Heptachlor	24.4	NA	N/A	ug/l	25.0		98	0-200			
Heptachlor epoxide	25.0	NA	N/A	ug/l	25.0		100	0-200			
Methoxychlor	26.5	NA	N/A	ug/l	25.0		106	0-200			
Surrogate: Decachlorobiphenyl	28.6			ug/l	25.0		114	0-200			
Surrogate: Tetrachloro-m-xylene	25.0			ug/l	25.0		100	0-200			
Low Cal Check Analyzed: 08/12/2008 (IH81101-LCV2)											
4,4'-DDD	ND	NA	N/A	ug/l	2.00			0-200			
4,4'-DDE	2.07	NA	N/A	ug/l	2.00		103	0-200			
4,4'-DDT	1.90	NA	N/A	ug/l	2.00		95	0-200			
Aldrin	1.61	NA	N/A	ug/l	2.00		81	0-200			
alpha-BHC	1.87	NA	N/A	ug/l	2.00		94	0-200			
beta-BHC	0.536	NA	N/A	ug/l	2.00		27	0-200			
delta-BHC	2.03	NA	N/A	ug/l	2.00		101	0-200			
Dieldrin	1.16	NA	N/A	ug/l	2.00		58	0-200			
Endosulfan I	1.06	NA	N/A	ug/l	2.00		53	0-200			
Endosulfan II	0.410	NA	N/A	ug/l	2.00		20	0-200			
Endosulfan sulfate	1.42	NA	N/A	ug/l	2.00		71	0-200			
Endrin	1.11	NA	N/A	ug/l	2.00		55	0-200			
Endrin aldehyde	0.736	NA	N/A	ug/l	2.00		37	0-200			
Endrin ketone	3.29	NA	N/A	ug/l	2.00		164	0-200			
gamma-BHC (Lindane)	2.01	NA	N/A	ug/l	2.00		101	0-200			
Heptachlor	1.21	NA	N/A	ug/l	2.00		61	0-200			
Heptachlor epoxide	0.667	NA	N/A	ug/l	2.00		33	0-200			
Methoxychlor	2.44	NA	N/A	ug/l	2.00		122	0-200			
Surrogate: Decachlorobiphenyl	1.90			ug/l	2.00		95	0-200			
Surrogate: Tetrachloro-m-xylene	1.05			ug/l	2.00		52	0-200			

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: IH81101 Extracted: 08/11/08											
Secondary Cal Check Analyzed: 08/12/2008 (IH81101-SCV1)											
4,4'-DDD	103	NA	N/A	ug/l	100		103	85-115			
4,4'-DDE	103	NA	N/A	ug/l	100		103	85-115			
4,4'-DDT	104	NA	N/A	ug/l	100		104	85-115			
Aldrin	101	NA	N/A	ug/l	100		101	85-115			
alpha-BHC	100	NA	N/A	ug/l	100		100	85-115			
beta-BHC	102	NA	N/A	ug/l	100		102	85-115			
delta-BHC	99.6	NA	N/A	ug/l	100		100	85-115			
Dieldrin	106	NA	N/A	ug/l	100		106	85-115			
Endosulfan I	105	NA	N/A	ug/l	100		105	85-115			
Endosulfan II	108	NA	N/A	ug/l	100		108	85-115			
Endosulfan sulfate	110	NA	N/A	ug/l	100		110	85-115			
Endrin	106	NA	N/A	ug/l	100		106	85-115			
Endrin aldehyde	111	NA	N/A	ug/l	100		111	85-115			
Endrin ketone	105	NA	N/A	ug/l	100		105	85-115			
gamma-BHC (Lindane)	98.2	NA	N/A	ug/l	100		98	85-115			
Heptachlor	103	NA	N/A	ug/l	100		103	85-115			
Heptachlor epoxide	102	NA	N/A	ug/l	100		102	85-115			
Methoxychlor	100	NA	N/A	ug/l	100		100	85-115			
Surrogate: Decachlorobiphenyl	98.7			ug/l	100		99	0-200			
Surrogate: Tetrachloro-m-xylene	100			ug/l	100		100	0-200			

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

METHOD BLANK/QC DATA

TOTAL PCBS (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 8H11039 Extracted: 08/11/08											
Blank Analyzed: 08/11/2008 (8H11039-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	0.408			ug/l	0.500		82	45-120			
LCS Analyzed: 08/11/2008 (8H11039-BS2)											
Aroclor 1016	3.25	0.50	0.45	ug/l	4.00		81	50-115			MNR1
Aroclor 1260	3.06	0.50	0.30	ug/l	4.00		76	60-120			
Surrogate: Decachlorobiphenyl	0.405			ug/l	0.500		81	45-120			
LCS Dup Analyzed: 08/11/2008 (8H11039-BSD2)											
Aroclor 1016	3.51	0.50	0.45	ug/l	4.00		88	50-115	8	30	
Aroclor 1260	3.36	0.50	0.30	ug/l	4.00		84	60-120	10	25	
Surrogate: Decachlorobiphenyl	0.448			ug/l	0.500		90	45-120			

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

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: 8H11079 Extracted: 08/11/08											
Blank Analyzed: 08/16/2008 (8H11079-BLK1)											
Calcium	ND	0.10	0.050	mg/l							
Magnesium	ND	0.020	0.012	mg/l							
LCS Analyzed: 08/16/2008 (8H11079-BS1)											
Calcium	2.50	0.10	0.050	mg/l	2.50		100	85-115			
Magnesium	2.51	0.020	0.012	mg/l	2.50		101	85-115			
Matrix Spike Analyzed: 08/16/2008 (8H11079-MS1)											
						Source: IRH0579-01					
Calcium	2.61	0.10	0.050	mg/l	2.50	0.0637	102	70-130			
Magnesium	2.60	0.020	0.012	mg/l	2.50	0.0125	104	70-130			
Matrix Spike Analyzed: 08/16/2008 (8H11079-MS2)											
						Source: IRH0713-05					
Calcium	125	0.10	0.050	mg/l	2.50	126	-11	70-130			MHA
Magnesium	52.8	0.020	0.012	mg/l	2.50	51.5	52	70-130			MHA
Matrix Spike Dup Analyzed: 08/16/2008 (8H11079-MSD1)											
						Source: IRH0579-01					
Calcium	2.57	0.10	0.050	mg/l	2.50	0.0637	100	70-130	2	20	
Magnesium	2.59	0.020	0.012	mg/l	2.50	0.0125	103	70-130	1	20	

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

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: C8H0805 Extracted: 08/08/08											
Blank Analyzed: 08/08/2008 (C8H0805-BLK1)											
Atrazine	ND	0.50	0.073	ug/l							
Benzo(a)pyrene	ND	0.10	0.019	ug/l							
Diazinon	ND	0.25	0.24	ug/l							
Di(2-ethylhexyl)adipate	ND	5.0	0.26	ug/l							
Di(2-ethylhexyl)phthalate	ND	3.0	0.47	ug/l							
Simazine	ND	1.0	0.060	ug/l							
Thiobencarb	ND	1.0	0.059	ug/l							
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.89			ug/l	5.00		98	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.89			ug/l	5.00		98	70-130			
Surrogate: Triphenylphosphate	5.24			ug/l	5.00		105	70-130			
Surrogate: Triphenylphosphate	5.24			ug/l	5.00		105	70-130			
Surrogate: Perylene-d12	5.20			ug/l	5.00		104	70-130			
Surrogate: Perylene-d12	5.20			ug/l	5.00		104	70-130			
LCS Analyzed: 08/08/2008-08/13/2008 (C8H0805-BS1)											
Atrazine	5.22	0.50	0.073	ug/l	5.00		104	70-130			
Benzo(a)pyrene	6.59	0.10	0.019	ug/l	5.00		132	70-130			L
Diazinon	5.06	0.25	0.24	ug/l	5.00		101	70-130			
Di(2-ethylhexyl)adipate	11.2	5.0	0.26	ug/l	10.0		112	70-130			
Di(2-ethylhexyl)phthalate	12.1	3.0	0.47	ug/l	10.0		121	70-130			
Disulfoton	5.14	100	0.46	ug/l	5.00		103	70-130			J
Simazine	3.81	1.0	0.060	ug/l	5.00		76	70-130			
Thiobencarb	5.79	1.0	0.059	ug/l	5.00		116	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.62			ug/l	5.00		92	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	4.62			ug/l	5.00		92	70-130			
Surrogate: Triphenylphosphate	5.27			ug/l	5.00		105	70-130			
Surrogate: Triphenylphosphate	5.27			ug/l	5.00		105	70-130			
Surrogate: Perylene-d12	5.48			ug/l	5.00		110	70-130			
Surrogate: Perylene-d12	5.48			ug/l	5.00		110	70-130			

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
 Quarterly - Arroyo Simi FP
 Report Number: IRH0657

Sampled: 08/07/08
 Received: 08/07/08

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: C8H0805 Extracted: 08/08/08											
LCS Dup Analyzed: 08/08/2008-08/13/2008 (C8H0805-BSD1)											
Atrazine	5.29	0.50	0.073	ug/l	5.00		106	70-130	1	10	
Benzo(a)pyrene	6.70	0.10	0.019	ug/l	5.00		134	70-130	2	10	L
Diazinon	3.75	0.25	0.24	ug/l	5.00		75	70-130	30	39	
Di(2-ethylhexyl)adipate	11.4	5.0	0.26	ug/l	10.0		114	70-130	1	10	
Di(2-ethylhexyl)phthalate	12.4	3.0	0.47	ug/l	10.0		124	70-130	3	10	
Disulfoton	5.14	100	0.46	ug/l	5.00		103	70-130	0	30	J
Simazine	4.01	1.0	0.060	ug/l	5.00		80	70-130	5	10	
Thiobencarb	5.61	1.0	0.059	ug/l	5.00		112	70-130	3	5	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	5.24			ug/l	5.00		105	70-130			
Surrogate: 1,3-Dimethyl-2-nitrobenzene	5.24			ug/l	5.00		105	70-130			
Surrogate: Triphenylphosphate	5.52			ug/l	5.00		110	70-130			
Surrogate: Triphenylphosphate	5.52			ug/l	5.00		110	70-130			
Surrogate: Perylene-d12	5.42			ug/l	5.00		108	70-130			
Surrogate: Perylene-d12	5.42			ug/l	5.00		108	70-130			

TestAmerica Irvine

Joseph Doak
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
Quarterly - Arroyo Simi FP
Report Number: IRH0657

Sampled: 08/07/08
Received: 08/07/08

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.
- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- 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).
- MNRI** 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

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Project ID: Receiving Water
Quarterly - Arroyo Simi FP
Report Number: IRH0657

Sampled: 08/07/08
Received: 08/07/08

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: IRH0657-01

TestAmerica Irvine

Joseph Doak
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

Client Name/Address:
MWH-Arcadia
 618 Michilinda Avenue, Suite 200
 Arcadia, CA 91007

Project:
Boeing-SSFL NPDES
 Quarterly Arroyo Simi-FP

Test America Contact: Joseph Doak

Project Manager: **Bronwyn Kelly**

Sampler: *E. Walker*

Phone Number:
 (626) 568-6691

Fax Number:
 (626) 568-6515

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservative	Bottle #	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:
Arroyo Simi-FP	W	1L Poly	1	<i>8/7/08 11:40</i>	HNO ₃	1	X				Temp = <i>26.6°C = 79.5°F</i> pH = <i>7.89</i> Time of readings = <i>11:30</i>
Arroyo Simi-FP	W	1L Amber	2	↓	None	2A, 2B		X			Comments Extract within 36-Hours of sampling
Arroyo Simi-FP	W	1L Amber	2		HCl	3A, 3B		X			
Arroyo Simi-FP	W	1L Amber	2		None	4A, 4B		X			

Relinquished By: *E. Walker* Date/Time: *8/7/08 1300*

Received By: *Bronwyn Kelly* Date/Time: *8/7/08 1450*

Relinquished By: *Bronwyn Kelly* Date/Time: *8/7/08 1800*

Received By: *E. Walker* Date/Time: *8/7/08 1800*

Turn around Time: (check)
 24 Hours 5 Days
 48 Hours 10 Days
 72 Hours Normal

Sample Integrity: (check)
 Intact On Ice: