APPENDIX 9.1
Raw Data Tables

TABLE 9.1.1
RAW ANALYTICAL DATA SUMMARY TABLE - SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs) - SOIL - 0 - 5 FEET DEPTH INTERVAL
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample ID	Sample Depth	Sample Date	1,4-Dichlorobenzene	2-Methylnapthalene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Butyl Benzyl Phthalate
	(feet)		(µg/kg)									
S8	0.3	7/28/2004			<2.0	<5.00	<5.00	3	<7.00	<2.00		
S2	0.5	7/28/2004			<2.00	<5.00	<5.00	3	<7.00	<2.00		
S5	0.5	7/28/2004			<2.00	<5.00	<5.00	<2.00	<7.00	<2.00		
S7	0.5	7/28/2004			4.3	20	27	24	37	9		
S3	0.7	7/28/2004			<2.00	<5.00	<5.00	<2.00	<7.00	<2.00		
S4	0.7	7/28/2004			<2.00	<5.00	<5.00	<2.00	<7.00	<2.00		
S6	0.7	7/28/2004			<2.00	<5.00	<5.00	<2.00	<7.00	<2.00		
S1	1.0	7/28/2004			<2.00	<5.00	<5.00	<2.00	<7.00	<2.00		
S9	1.0	7/28/2004			<2.00	<5.00	<5.00	<2.00	<7.00	<2.00		
S10	1.0	7/28/2004			<2.00	<5.00	<5.00	<2.00	<7.00	<2.00		

TABLE 9.1.1 (continued)
RAW ANALYTICAL DATA SUMMARY TABLE - SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs) - SOIL - 0 - 5 FEET DEPTH INTERVAL
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample ID	Sample Depth	Sample Date	Chrysene	Dibenzo(a,h,) anthracene	Dibutylphthalate	Dioctylphthalate	Diphenylamine	Fluorene	Fluoranthene	Phenanthrene	Pyrene
	(feet)		(µg/kg)								
S8	0.3	7/28/2004	<5.00	<17.00					<5.0	<4.0	<10
S2	0.5	7/28/2004	<5.00	<17.00					<5.00	<4.00	<10.00
S5	0.5	7/28/2004	<5.00	<17.00					<5.00	<4.00	<10.00
S7	0.5	7/28/2004	20	18					35	14	39
S3	0.7	7/28/2004	<5.00	<17.00					<5.00	<4.00	<10.00
S4	0.7	7/28/2004	<5.00	<17.00					<5.00	<4.00	<10.00
S6	0.7	7/28/2004	<5.00	<17.00					<5.00	<4.00	<10.00
S1	1.0	7/28/2004	<5.00	<17.00					<5.00	<4.00	<10.00
S9	1.0	7/28/2004	<5.00	<17.00					<5.00	<4.00	<10.00
S10	1.0	7/28/2004	<5.00	<17.00					<5.00	<4.00	<10.00

Notes:

1. µg/kg = micrograms per kilogram (parts per billion [ppb])
2. Polynuclear aromatic hydrocarbons (PAHs) samples collected in 2004 (EPA Method 8310) reported in µg/kg.
3. < = Sample result reported less than the laboratory detection limit for that specific analyte.
4. Only detected analytes shown.

TABLE 9.1.2
RAW ANALYTICAL DATA SUMMARY TABLE - INORGANICS (METALS) - SOILS - 0 - 5 FEET DEPTH INTERVAL
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample ID	Sample Depth	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead
	(feet)		(mg/kg)									
S8	0.3	7/28/2004	0.85	2.18	72.9	<0.50	<0.50	19.3	0.75	6.71	9.77	6.65
S2	0.5	7/28/2004	<0.50	1.53	20.6	<0.50	<0.50	4.48	0.24	2.34	3.35	9.34
S5	0.5	7/28/2004	1.45	0.65	55.7	<0.50	<0.50	26.8	0.15	8.97	12.5	4.48
S7	0.5	7/28/2004	<0.50	1.4	417	<0.50	<0.50	15.8	0.31	8.43	8.55	17.9
S3	0.7	7/28/2004	<0.50	4.27	55.6	<0.50	<0.50	14.6	0.36	8.76	16	12.6
S4	0.7	7/28/2004	<0.50	5.2	90.5	<0.50	<0.50	7.25	0.25	3.97	6.41	9.05
S6	0.7	7/28/2004	1.13	0.79	81	<0.50	<0.50	20.3	0.33	7.46	9.1	4.13
S1	1.0	7/28/2004	1.06	1.29	88.2	<0.50	<0.50	17.5	0.38	7.16	9.76	7.2
S9	1.0	7/28/2004	<0.50	<0.25	15.4	<0.50	<0.50	4.76	0.28	1.7	1.19	0.54
S10	1.0	7/28/2004	<0.50	<0.25	12.1	<0.50	<0.50	3.65	0.33	1.24	0.76	0.59
B7	3.5	6/17/2004	0.83	0.35	139	<0.50	<0.50	21.8		9.1	12	6.04
SCS1	5	9/13/2004	<0.50	3.86	35.7	<0.50	<0.50	10.6		4.93	47.7	7.96
SCS3	5	9/13/2004	0.59	0.4	127	<0.50	<0.50	20.4		10.1	21.2	14
SCS4	5	9/14/2004	<0.50	7.65	143	<0.50	<0.50	34.4		13	29.5	12

TABLE 9.1.2 (continued)
RAW ANALYTICAL DATA SUMMARY TABLE - INORGANICS (METALS) - SOILS - 0 - 5 FEET DEPTH INTERVAL
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample ID	Sample Depth	Sample Date	Mercury	Molybdenum	Nickel	Silver	Vanadium	Zinc
	(feet)		(mg/kg)					
S8	0.3	7/28/2004	<0.20	0.53	7.28	<0.50	37.1	27.6
S2	0.5	7/28/2004	<0.20	<0.50	3.24	<0.50	10.8	19.2
S5	0.5	7/28/2004	<0.20	1.58	11.8	<0.50	72.1	37.6
S7	0.5	7/28/2004	<0.20	<0.50	9.89	<0.50	55	40.1
S3	0.7	7/28/2004	<0.20	<0.50	13.4	<0.50	29.4	56.6
S4	0.7	7/28/2004	<0.20	<0.50	6.18	<0.50	22	29.1
S6	0.7	7/28/2004	<0.20	0.58	9.01	<0.50	47.6	33.1
S1	1.0	7/28/2004	<0.20	0.66	7.74	<0.50	37.8	28.7
S9	1.0	7/28/2004	<0.20	<0.50	1.89	<0.50	9.2	7.12
S10	1.0	7/28/2004	<0.20	<0.50	1.47	<0.50	6.55	5.95
B7	3.5	6/17/2004	<0.20	<0.50	8.8	<0.50	42.5	42.9
SCS1	5	9/13/2004	<0.20	<0.50	7.33	<0.50	24.7	193
SCS3	5	9/13/2004	<0.20	<0.50	10.8	<0.50	41.2	59.8
SCS4	5	9/14/2004	<0.20	1.52	10.9	<0.50	76.6	61.2

Notes:

1. All of the soil samples were analyzed for Title 22 Metals in general accordance with EPA Method 6010B/7471A. Select samples were also analyzed for hexavalent Chromium in general accordance with EPA Method 7199.
2. Title 22 Metals and hexavalent chromium results reported in milligrams per kilogram (mg/kg)
3. mg/kg = milligrams per kilogram (parts per million [ppm]).
4. < = Sample result reported less than the laboratory detection limit for that specific analyte.
5. Only detected analytes shown.

TABLE 9.1.3
RAW ANALYTICAL DATA SUMMARY TABLE - NEAR- SURFACE SOIL VAPOR SAMPLES
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample ID	Sample Date	1,2-Dichlorobenzene	1,4-Dichlorobenzene	2-Butanone (MEK)	Acetone	Bromodichloromethane	Chlorobenzene	Chlorodifluoromethane	Chloroform	Dichlorodifluoromethane	Dichlorofluoromethane	Ethylbenzene	Trichloroethene	Vinyl chloride	Total Xylenes
		ppb(v/v)													
MB1-SUR	5/25/2004	2.6	18	24	110	2.6	<2	5.2	18	2.9	<2	9.9	<2	<2	4.2
MB2-SUR	5/26/2004	<2	4.7	28	140	<2	<2	<2	<2	<2	<2	5.2	<2	<2	10.1
MB3-SUR	5/26/2004	<2	2.7	17	98	<2	<2	2.6	<2	<2	<2	<2	<2	<2	0
MB4-SUR	5/27/2004	<3.6	<3.6	<18	42	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	0
MB5-SUR	5/27/2004	<2	<2	<10	30	<2	<2	2.2	<2	<2	<2	<2	<2	<2	0
MB6-SUR	5/28/2004	<2	32	10	51	<2	5.1	<2	<2	<2	<2	7.7	<2	11	26.1
MB7-SUR	5/28/2004	<2	6.6	17	82	<2	11	2.3	<2	<2	<2	7.9	<2	7.5	24.6
MB8-SUR	6/1/2004	8.1	58	18	83	<2	4.5	86	<2	110	2	190	3.8	6	193
MB10-SUR	6/2/2004	<2	5.1	<10	34	<2	<2	<2	<2	<2	<2	7.4	<2	<2	30.3
MB9-SUR	6/2/2004	7.7	91	12	45	<2	4.4	38	11	49	<2	140	<2	13	147

Notes:
1. Sample analyzed by USEPA TO-15 and reported in ppb(v/v) (parts per billion volume).
2. < = Sample result reported less than the laboratory detection limit for that specific analyte.