APPENDIX 8.1
Raw Data Analytical Summary Tables

TABLE 8.1.1
RAW ANALYTICAL DATA SUMMARY TABLE - SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs) - SOIL
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		
MB-03-SB-03	7.5	1983	<9.7	<9.7	<9.7	<9.7	37	<9.7	<9.7	<9.7	<9.7	21
MB-03-WA-08	8.5	1983	<96	<96	<96	<96	<96	<96	<96	<96	160	<96
MB-16-WA-03	10.0	1983	560	327	<100	411	<100	345	<100	645	827	3,579
MB-17-WA-04	10.0	1983	101	<99	<99	195	<99	224	<99	<99	<99	1,909
MB-18-WA-03	10.0	1983	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
MB-22-WA-03	10.0	1983	<100	<100	<265	<100	<100	<100	<100	<100	<100	<100

TABLE 8.1.1
RAW ANALYTICAL DATA SUMMARY TABLE - SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs) - SOIL
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
MB-03-SB-03	7.5	1983	<9.7		<9.7	8	12	<9.7	<9.7	<9.7	<9.7
MB-03-WA-08	8.5	1983	197		154	<96	162	<96	<96	<96	<96
MB-16-WA-03	10.0	1983	891		<100	195	828	578	<100	1,158	<100
MB-17-WA-04	10.0	1983	248		<99	<99	690	<99	352	<99	<99
MB-18-WA-03	10.0	1983	<200		<200	<200	1,960	232	<200	774	352
MB-22-WA-03	10.0	1983	<100		<100	<100	270	<100	<100		<100

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. Data from 1983 obtained from Woodward-Clyde Consultants Site Assessment Report, Mission Bay Landfill, Submitted November 17, 1983 to the City of San Diego.
4. < = Sample result reported less than the laboratory detection limit for that specific analyte.
5. Only detected analytes shown.

TABLE 8.1.2
CALCULATION OF BENZO(A)PYRENE EQUIVALENT CONCENTRATIONS
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample ID	Sample Depth	Sample Date	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h,)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(a)pyrene Equivalent	Benzo(a)pyrene Equivalent
	(feet)		(µg/kg)								(mg/Kg)
S8	0.3	7/28/2004	2.5	2.5	3	1	2.5	8.5	2.5	3.425	0.003425
S2	0.5	7/28/2004	2.5	2.5	3	1	2.5	8.5	2.5	3.425	0.003425
S5	0.5	7/28/2004	2.5	2.5	1	1	2.5	8.5	2.5	3.225	0.003225
S7	0.5	7/28/2004	20	27	24	9	20	18	2.5	32.75	0.03275
S3	0.7	7/28/2004	2.5	2.5	1	1	2.5	8.5	2.5	3.225	0.003225
S4	0.7	7/28/2004	2.5	2.5	1	1	2.5	8.5	2.5	3.225	0.003225
S6	0.7	7/28/2004	2.5	2.5	1	1	2.5	8.5	2.5	3.225	0.003225
S1	1.0	7/28/2004	2.5	2.5	1	1	2.5	8.5	2.5	3.225	0.003225
S9	1.0	7/28/2004	2.5	2.5	1	1	2.5	8.5	2.5	3.225	0.003225
S10	1.0	7/28/2004	2.5	2.5	1	1	2.5	8.5	2.5	3.225	0.003225
MB-03-SB-03	7.5	1983	4.85	37	4.85	4.85	4.85	4.85	4.85	38.9885	0.0389885
MB-03-WA-08	8.5	1983	48	48	48	48	197	48	48	69.17	0.06917
MB-16-WA-03	10.0	1983	411	50	345	645	891	50	50	204.01	0.20401
MB-17-WA-04	10.0	1983	195	49.5	224	49.5	248	49.5	49.5	103.78	0.10378
MB-18-WA-03	10.0	1983	100	100	100	100	100	100	100	141	0.141
MB-22-WA-03	10.0	1983	50	50	50	50	50	100	100	75.5	0.0755

Notes:

1. This table presents calculated results for PAHs that have been converted to an equivalent concentration of benzo(a)pyrene. This was calculated by multiplying reported concentrations by a benzo(a)pyrene equivalency factor as published in Cal-EPA DTSC's Preliminary Endangerment Assessment Guidance Manual (DTSC, 1994).
2. A value of one-half the PQL was used for non-detections.
3. µg/kg = micrograms per kilogram (parts per billion [ppb]);
mg/kg = milligrams per kilogram (parts per million [ppm]).
4. Benzo(a)anthracene equivalency factor = 1/10.
5. Benzo(a)pyrene equivalency factor = 1.
6. Benzo(b)fluoranthene equivalency factor = 0.1.
7. Benzo(k)fluoranthene equivalency factor = 0.1.
8. Chrysene equivalency factor = 0.01.
9. Dibenzo(a,h)anthracene equivalency factor = 0.
10. Indeno(1,2,3-cd)pyrene equivalency factor = 0.1.

TABLE 8.1.3
RAW ANALYTICAL DATA SUMMARY TABLES - PESTICIDES - SOILS
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample ID	Sample Depth	Sample Date	4,4-DDD	4,4-DDE	Aldrin	alpha-BHC	alpha-Endosulfan I	Beta-Endosulfan	Dieldrin	Heptachlor
	(feet)		(mg/kg)							
MB-03-SB-03	7.5	1983	<7.0	<7.0	<6.0	<6.0	<7.0	<8.0	<7.0	<6.0
MB-03-WA-08	8.5	1983	8.6	<7.0	<6.0	<6.0	9	<8.0	<7.0	<6.0
MB-16-WA-03	10	1983	15.2	18.4	<6.0	11.3	<7.0	10	<7.0	<6.0
MB-17-WA-04	10	1983	<7.0	<7.0	<6.0	<6.0	<7.0	<8.0	<7.0	<6.0
MB-18-WA-03	10	1983	<7.0	19.5	62.3	17.2	59.6	<8.0	66.6	52.3
MB-22-WA-03	10	1983	<7.0	<7.0	<6.0	<6.0	<7.0	<8.0	<7.0	<6.0

Notes:

1. Data from 1983 obtained from Woodward-Clyde Consultants Site Assessment Report, Mission Bay Landfill, Submitted November 17, 1983 to the City of San Diego.
2. mg/kg = milligrams per kilogram (parts per million [ppm]).
3 < = Sample result reported less than the laboratory detection limit for that specific analyte.
4. Only detected analytes shown.

TABLE 8.1.4
RAW ANALYTICAL DATA SUMMARY TABLE - INORGANICS (METALS) - SOILS
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
B6	5.5	6/17/2004	0.69	3.7	157	<0.50	<0.50	28.2		12	15.6	3.56
B12	5.5	8/9/2004	<0.50	2.25	25.6	<0.50	<0.50	5.21		3.18	5.31	23.2
B10	6	8/9/2004	<0.50	3.55	84.7	<0.50	<0.50	17.8		6.96	16.4	20.8
SCS2	7	9/14/2004	<0.50	7.72	88.1	<0.50	<0.50	27.8		9.94	24.8	7.42
B15	7.5	8/10/2004	<0.50	<0.25	26.8	<0.50	<0.50	5.1		2	1.95	0.6
B2	8	6/16/2004	<0.50	2.63	47.5	<0.50	<0.50	11.7		5.82	11.4	10.9
B13	8	8/9/2004	1.25	2.06	361	<0.50	<0.50	44.9		21.3	20.6	2.79
B1	9	6/16/2004	<0.50	<0.25	83.3	<0.50	<0.50	21.9		7.03	17.9	4.28
B7	9	6/17/2004	0.69	1.83	151	<0.50	<0.50	24.5		13.8	11.6	1.74
B9	9	6/17/2004	0.67	2.31	211	<0.50	<0.50	33.1		22.7	27	3.93
B6	10	6/17/2004	<0.50	<0.25	42.6	<0.50	<0.50	7.53	<0.100	3.36	3.36	0.63
B10	10	8/9/2004	<0.50	5.06	133	<0.50	0.65	38.2	<0.10	17.1	31.8	6.81
B12	10	8/9/2004	<0.50	6.71	110	<0.50	<0.50	32.5		12.8	27.4	6.87
SCS1	10	9/13/2004	<0.50	8.2	118	<0.50	<0.50	31.5		12.6	23.8	7.67

TABLE 8.1.4
RAW ANALYTICAL DATA SUMMARY TABLE - INORGANICS (METALS) - SOILS
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)									
SCS2	10	9/14/2004	<0.50	8.53	92.3	<0.50	<0.50	29.4		10.9	22.9	4.59
SCS3	10	9/13/2004	1.06	0.88	112	<0.50	0.52	33.6		11.1	36.5	34.8
SCS4	10	9/14/2004	<0.50	4.51	140	<0.50	<0.50	32.8		15.4	32.8	4.56
MB-16-WA-03	10	1983	6.2	60.4	139	0.05	2.36	140		36	377	132
MB-18-WA-03	10	1983	<5	19.7	133	0.61	0.87	86.2		9	23	70.2
MB-22-WA-03	10	1983	<5	45.1	282	1.03	0.05	49.7		25	49.9	5.4

TABLE 8.1.4
RAW ANALYTICAL DATA SUMMARY TABLE - INORGANICS (METALS) - SOILS
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
B6	5.5	6/17/2004	<0.20	0.66	12	<0.50	63	47.9
B12	5.5	8/9/2004	<0.20	<0.50	5.19	<0.50	12.8	26.2
B10	6	8/9/2004	<0.20	<0.50	10.1	<0.50	42.1	44.2
SCS2	7	9/14/2004	<0.20	1.68	9.45	<0.50	60.2	50.6
B15	7.5	8/10/2004	<0.20	<0.50	2.17	<0.50	13.1	7.08
B2	8	6/16/2004	<0.20	<0.50	8.97	<0.50	26.8	33.7
B13	8	8/9/2004	<0.20	<0.50	18.2	<0.50	83.8	84.3
B1	9	6/16/2004	<0.20	0.92	7.91	<0.50	41.9	36.7
B7	9	6/17/2004	<0.20	<0.50	13.1	<0.50	45.9	46.2
B9	9	6/17/2004	<0.20	<0.50	17.4	<0.50	73.8	73.4
B6	10	6/17/2004	<0.20	<0.50	3.39	<0.50	16.8	11
B10	10	8/9/2004	<0.20	2.78	18.2	<0.50	90.5	64
B12	10	8/9/2004	<0.20	1.53	15.7	<0.50	87.5	53.6

TABLE 8.1.4
RAW ANALYTICAL DATA SUMMARY TABLE - INORGANICS (METALS) - SOILS
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample ID	Sample Depth	Sample Date	Mercury	Molybdenum	Nickel	Silver	Vanadium	Zinc
	(feet)		(mg/kg)					
SCS1	10	9/13/2004	<0.20	1.08	17.5	<0.50	62.9	64
SCS2	10	9/14/2004	<0.20	1.6	9.74	<0.50	59.9	56.6
SCS3	10	9/13/2004	<0.20	0.96	19.2	<0.50	38.3	101
SCS4	10	9/14/2004	<0.20	<0.50	12	<0.50	85.8	59.6
MB-16-WA-03	10	1983	2077	<5	72.8	1.57	146	1387
MB-18-WA-03	10	1983	2917	<5	50.5	0.773	53	1252
MB-22-WA-03	10	1983	18	<5	21.1	0.063	133	101

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. Data from 1983 obtained from Woodward-Clyde Consultants Site Assessment Report, Mission Bay Landfill, Submitted November 17, 1983 to the City of San Diego.
4. mg/kg = milligrams per kilogram (parts per million [ppm]).
5. < = Sample result reported less than the laboratory detection limit for that specific analyte.
6. Only detected analytes shown.

TABLE 8.1.5
RAW ANALYTICAL DATA SUMMARY TABLE - VOLATILE ORGANIC COMPOUNDS (VOCs) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	1,2-Dichloropropane	1,4-Dichlorobenzene	Acetone	Benzene	cis-1,2-Dichloroethene	Diethyl Ether	Methylene Chloride	Toluene	Methyl Tert-Butyl Ether	Vinyl Chloride	Total Xylenes
		(µg/L)										
MBW-1	11/23/04	<1.0	<1.0	<5.0	<1.0	<1.0		<5.0	<1.0	<2.0	<3.0	--
MBW-1	07/13/04	<0.28	<0.21	<7.46	<0.28	<0.26	0.55	<0.35	<0.55	<0.47	<0.38	<0.76
MBW-1	05/19/04	<0.23	<0.23	8.26	<0.19	<0.39	0.90	0.48	<0.25	<0.54	<0.41	<0.90
MBW-1 (A)	02/18/04	<0.23	<0.23	4.12	<0.19	<0.39	0.64	1.36	<0.25	<0.54	<0.41	<0.90
MBW-1 (B)	02/18/04	<0.23	<0.23	<3.79	<0.19	<0.39	0.78	0.91	<0.25	<0.54	<0.41	<0.90
MBW-1 (A)	11/25/03	<0.23	<0.23	<3.79	<0.19	<0.39	0.90	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-1(B)	11/25/03	<0.23	<0.23	<3.79	<0.19	<0.39	0.97	0.39	<0.25	<0.54	<0.41	<0.90
MBW-1	08/12/03	<0.23	<0.23	<3.79	<0.19	<0.39	1.28	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-1	05/21/03	<0.23	<0.23	4.22	<0.19	<0.39	1.14	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-1 (A)	02/10/03	<0.34	<0.33	<8.58	<0.27	<0.51	0.83	<0.56	<0.36	<0.80	<0.41	<0.89
MBW-1 (B)	02/10/03	<0.34	<0.33	<8.58	<0.27	<0.51	<0.64	<0.56	<0.36	<0.80	<0.41	<0.89
MBW-2	11/23/04	<1.0	<1.0	<5.0	<1.0	<1.0		<5.0	<1.0	<2.0	<3.0	--
MBW-2	07/13/04	<0.28	<0.21	<7.46	<0.28	<0.26	0.69	<0.35	<0.55	<0.47	<0.38	<0.76
MBW-2	05/19/04	<0.23	<0.23	<3.79	<0.19	<0.39	1.36	0.82	<0.25	<0.54	<0.41	<0.90
MBW-2	02/18/04	<0.23	<0.23	<3.79	<0.19	<0.39	0.75	0.52	<0.25	<0.54	<0.41	<0.90
MBW-2	11/25/03	<0.23	<0.23	<3.79	<0.19	<0.39	1.69	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-2 (A)	08/12/03	<0.23	<0.23	<3.79	<0.19	<0.39	2.16	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-2 (B)	08/12/03	<0.23	<0.23	<3.79	<0.19	<0.39	2.00	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-2 (A)	05/20/03	<0.23	<0.23	<3.79	<0.19	<0.27	2.08	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-2 (B)	05/20/03	<0.23	<0.23	5.87	<0.19	<0.27	1.94	0.39	1.45	<0.54	<0.41	<0.90
MBW-2	02/11/03	<0.34	<0.33	<8.58	<0.27	<0.51	1.63	<0.56	<0.36	<0.80	<0.41	<0.89
MBW-3	11/22/04	<1.0	<1.0	<5.0	<1.0	<1.0		<5.0	<1.0	<2.0	<3.0	--
MBW-3	07/13/04	<0.28	<0.21	<7.46	<0.28	<0.26	0.89	<0.35	<0.55	<0.47	<0.38	<0.76
MBW-3	05/19/04	<0.23	<0.23	5.58	<0.19	<0.39	0.84	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-3	02/18/04	<0.23	0.53	<3.79	<0.19	<0.39	0.96	0.41	<0.25	<0.54	<0.41	<0.90
MBW-3	11/25/03	<0.23	0.72	<3.79	<0.19	<0.39	1.14	0.32	0.33	<0.54	<0.41	<0.90
MBW-3	08/12/03	<0.23	0.85	<3.79	<0.19	<0.39	1.48	<0.29	<0.25	<0.54	<0.41	<0.90

TABLE 8.1.5
RAW ANALYTICAL DATA SUMMARY TABLE - VOLATILE ORGANIC COMPOUNDS (VOCs) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	1,2-Dichloropropane	1,4-Dichlorobenzene	Acetone	Benzene	cis-1,2-Dichloroethene	Diethyl Ether	Methylene Chloride	Toluene	Methyl Tert-Butyl Ether	Vinyl Chloride	Total Xylenes
		(µg/L)										
MBW-3	05/20/03	<0.23	0.46	6.0	<0.19	<0.27	0.78	<0.29	0.45	<0.54	<0.41	<0.90
MBW-3	02/19/03	<0.34	0.67	<8.58	<0.27	<0.51	<0.64	<0.56	<0.36	<0.80	<0.41	<0.89
MBE-4	11/22/04	<1.0	<1.0	<5.0	<1.0	<1.0		<5.0	<1.0	<2.0	<3.0	--
MBE-4	07/13/04	0.40	<0.21	<7.46	<0.28	4.33	0.41	<0.35	<0.55	<0.47	0.73	<0.76
MBE-4	05/19/04	0.34	<0.23	<3.79	0.24	4.02	0.50	<0.29	<0.25	<0.54	0.6	<0.90
MBE-4	02/18/04	0.34	<0.23	<3.79	0.2	2.00	0.43	0.65	<0.25	<0.54	<0.41	<0.90
MBE-4	11/25/03	0.36	<0.23	<3.79	<0.19	3.91	0.66	0.38	<0.25	<0.54	0.42	<0.90
MBE-4	08/11/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MBE-4	05/20/03	0.4	<0.23	3.8	<0.19	4.22	0.72	<0.29	1.45	<0.54	<0.41	<0.90
MBE-4	02/10/03	0.51	<0.33	<8.58	0.27	6.41	<0.64	<0.56	<0.36	<0.80	0.96	<0.89
MBW-5	11/22/04	<1.0	<1.0	<5.0	<1.0	<1.0		<5.0	<1.0	<2.0	<3.0	--
MBW-5 (A)	07/13/04	<0.28	<0.21	<7.46	<0.28	<0.26	<0.33	<0.35	<0.55	<0.47	<0.38	<0.76
MBW-5 (B)	07/13/04	<0.28	<0.21	<7.46	<0.28	<0.26	<0.33	<0.35	<0.55	<0.47	<0.38	<0.76
MBW-5	05/19/04	<0.23	<0.23	8.2	<0.19	<0.39	<0.40	0.6	<0.25	<0.54	<0.41	<0.90
MBW-5	02/18/04	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	0.61	<0.25	<0.54	<0.41	<0.90
MBW-5	11/25/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-5	08/11/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-5	05/20/03	<0.23	<0.23	7.55	<0.19	<0.39	<0.40	<0.29	1.35	<0.54	<0.41	<0.90
MBW-5	02/10/03	<0.34	<0.33	<8.58	<0.27	<0.51	<0.64	<0.56	<0.36	<0.80	<0.41	<0.89
MBE-6	11/23/04	<1.0	<1.0	<5.0	<1.0	<1.0		<5.0	<1.0	12.6	<3.0	--
MBE-6	07/13/04	<0.28	<0.21	<7.46	<0.28	<0.26	<0.33	0.36	<0.55	<0.47	<0.38	<0.76
MBE-6	05/16/04	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	0.41	<0.25	<0.54	<0.41	<0.90
MBE-6	02/18/04	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	1.05	<0.25	<0.54	<0.41	<0.90
MBE-6	11/25/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MBE-6	08/11/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MBE-6	05/20/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	0.31	1.43	<0.54	<0.41	<0.90
MBE-6	02/10/03	<0.34	<0.33	<8.58	<0.27	<0.51	<0.64	<0.56	<0.36	<0.80	<0.41	<0.89

TABLE 8.1.5
RAW ANALYTICAL DATA SUMMARY TABLE - VOLATILE ORGANIC COMPOUNDS (VOCs) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	1,2-Dichloropropane	1,4-Dichlorobenzene	Acetone	Benzene	cis-1,2-Dichloroethene	Diethyl Ether	Methylene Chloride	Toluene	Methyl Tert-Butyl Ether	Vinyl Chloride	Total Xylenes
		(µg/L)										
MBW-7	07/13/04	<0.28	<0.21	<7.46	<0.28	<0.26	<0.33	<0.35	<0.55	<0.47	<0.38	<0.76
MBW-7	05/19/04	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	0.34	<0.25	<0.54	<0.41	<0.90
MBW-7	02/18/04	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	0.82	<0.25	<0.54	<0.41	<0.90
MBW-7	11/25/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-7	08/11/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MBW-7	05/20/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	0.39	1.41	<0.54	<0.41	<0.90
MBW-7	02/11/03	<0.34	<0.33	<8.58	<0.27	<0.51	<0.64	<0.56	<0.36	<0.80	<0.41	<0.89
MW-10	11/22/04	<1.0	<1.0	<5.0	<1.0	<1.0		<5.0	<1.0	<2.0	<3.0	--
MW-10	07/13/04	<0.28	<0.21	<7.46	<0.28	<0.26	<0.33	<0.35	<0.55	<0.47	<0.38	<0.76
MW-10 (A)	05/19/04	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MW-10 (B)	05/19/04	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MW-10	02/20/04	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MW-10	11/25/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MW-10	08/11/03	<0.23	<0.23	<3.79	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MW-10	05/21/03	<0.23	<0.23	8.13	<0.19	<0.39	<0.40	<0.29	<0.25	<0.54	<0.41	<0.90
MW-10	02/10/03	<0.34	<0.33	<8.58	<0.27	<0.51	<0.64	<0.56	<0.36	<0.80	<0.41	<0.89
SCS-1	11/22/04	<1.0	2.1	<5.0	<1.0	<1.0		<5.0	<1.0	<2.0	<3.0	--
SCS-2	11/22/04	<1.0	<1.0	<5.0	<1.0	<1.0		<5.0	<1.0	<2.0	<3.0	--
SCS-3	11/22/04	<1.0	<1.0	<5.0	<1.0	<1.0		<5.0	<1.0	<2.0	<3.0	--
SCS-4	11/22/04	<1.0	4.6	<5.0	<1.0	<1.0		<5.0	<1.0	<2.0	<3.0	--

TABLE 8.1.5
RAW ANALYTICAL DATA SUMMARY TABLE - VOLATILE ORGANIC COMPOUNDS (VOCs) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	1,2-Dichloroethane	Bromodichloromethane	Bromoform	Carbon Disulfide	Chloroform	Dibromochloromethane	Ethylbenzene	Styrene	Tetrachloroethene
		(µg/L)										
MBW-1	11/23/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MBW-1	07/13/04	<0.40	<0.19	<0.28	<0.33	<0.30	<0.31	<0.36	<0.27	<0.18	<0.20	<0.30
MBW-1	05/19/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.31	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-1 (A)	02/18/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-1 (B)	02/18/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-1 (A)	11/25/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-1(B)	11/25/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-1	08/12/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-1	05/21/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-1 (A)	02/10/03	<0.24	<0.34	<0.51	<0.31	<0.30	<0.30	<0.40	<0.25	<0.35	<0.43	<0.71
MBW-1 (B)	02/10/03	<0.24	<0.34	<0.51	<0.31	<0.30	<0.30	<0.40	<0.25	<0.35	<0.43	<0.71
MBW-2	11/23/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MBW-2	07/13/04	<0.40	<0.19	<0.28	<0.33	<0.30	<0.31	<0.36	<0.27	<0.18	<0.20	<0.30
MBW-2	05/19/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-2	02/18/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-2	11/25/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-2 (A)	08/12/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-2 (B)	08/12/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-2 (A)	05/20/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-2 (B)	05/20/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.2	<0.20	<0.31	<0.31
MBW-2	02/11/03	<0.24	<0.34	<0.51	<0.31	<0.30	<0.30	<0.40	<0.25	<0.35	<0.43	<0.71
MBW-3	11/22/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MBW-3	07/13/04	<0.40	<0.19	<0.28	<0.33	<0.30	<0.31	<0.36	<0.27	<0.18	<0.20	<0.30
MBW-3	05/19/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-3	02/18/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-3	11/25/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31

TABLE 8.1.5
RAW ANALYTICAL DATA SUMMARY TABLE - VOLATILE ORGANIC COMPOUNDS (VOCs) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	1,2-Dichloroethane	Bromodichloromethane	Bromoform	Carbon Disulfide	Chloroform	Dibromochloromethane	Ethylbenzene	Styrene	Tetrachloroethene
		(µg/L)										
MBW-3	08/12/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-3	05/20/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-3	02/19/03	<0.24	<0.34	<0.51	<0.31	<0.30	<0.30	<0.40	<0.25	<0.35	<0.43	<0.71
MBE-4	11/22/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MBE-4	07/13/04	<0.40	<0.19	<0.28	<0.33	<0.30	<0.31	<0.36	<0.27	<0.18	<0.20	<0.30
MBE-4	05/19/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBE-4	02/18/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBE-4	11/25/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBE-4	08/11/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBE-4	05/20/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBE-4	02/10/03	<0.24	<0.34	<0.51	<0.31	<0.30	<0.30	<0.40	<0.25	<0.35	<0.43	<0.71
MBW-5	11/22/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MBW-5 (A)	07/13/04	<0.40	<0.19	<0.28	<0.33	<0.30	<0.31	<0.36	<0.27	<0.18	<0.20	<0.30
MBW-5 (B)	07/13/04	<0.40	<0.19	<0.28	<0.33	<0.30	<0.31	<0.36	<0.27	<0.18	<0.20	<0.30
MBW-5	05/19/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-5	02/18/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-5	11/25/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-5	08/11/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<031	<0.31
MBW-5	05/20/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-5	02/10/03	<0.24	<0.34	<0.51	<0.31	<0.30	<0.30	<0.40	<0.25	<0.35	<0.43	<0.71
MBE-6	11/23/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MBE-6	07/13/04	<0.40	<0.19	<0.28	<0.33	<0.30	<0.31	<0.36	<0.27	<0.18	<0.20	<0.30
MBE-6	05/16/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.22	<0.39	<0.23	<0.20	<0.31	<0.31
MBE-6	02/18/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.22	<0.39	<0.23	<0.20	<0.31	<0.31
MBE-6	11/25/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.22	<0.39	<0.23	<0.20	<0.31	<0.31
MBE-6	08/11/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.22	<0.39	<0.23	<0.20	<0.31	<0.31

TABLE 8.1.5
RAW ANALYTICAL DATA SUMMARY TABLE - VOLATILE ORGANIC COMPOUNDS (VOCs) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	1,2-Dichloroethane	Bromodichloromethane	Bromoform	Carbon Disulfide	Chloroform	Dibromochloromethane	Ethylbenzene	Styrene	Tetrachloroethene
		(µg/L)										
MBE-6	05/20/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBE-6	02/10/03	<0.24	<0.34	<0.51	<0.31	<0.30	<0.30	<0.40	<0.25	<0.35	<0.43	<0.71
MBW-7	07/13/04	<0.40	<0.19	<0.28	<0.33	<0.30	<0.31	<0.36	<0.27	<0.18	<0.20	<0.30
MBW-7	05/19/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-7	02/18/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-7	11/25/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-7	08/11/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-7	05/20/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MBW-7	02/11/03	<0.24	<0.34	<0.51	<0.31	<0.30	<0.30	<0.40	<0.25	<0.35	<0.43	<0.71
MW-10	11/22/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-10	07/13/04	<0.40	<0.19	<0.28	<0.33	<0.30	<0.31	<0.36	<0.27	<0.18	<0.20	<0.30
MW-10 (A)	05/19/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MW-10 (B)	05/19/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MW-10	02/20/04	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MW-10	11/25/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MW-10	08/11/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MW-10	05/21/03	<0.25	<0.32	<0.31	<0.23	<0.16	<0.15	<0.22	<0.23	<0.20	<0.31	<0.31
MW-10	02/10/03	<0.24	<0.34	<0.51	<0.31	<0.30	<0.30	<0.40	<0.25	<0.35	<0.43	<0.71
SCS-1	11/22/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
SCS-2	11/22/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
SCS-3	11/22/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
SCS-4	11/22/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

1. µg/L = micrograms per liter (parts per billion [ppb])
2. VOC samples collected (EPA Method 8260b) reported in µg/L.

TABLE 8.1.5
RAW ANALYTICAL DATA SUMMARY TABLE - VOLATILE ORGANIC COMPOUNDS (VOCs) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	1,2-Dichloroethane	Bromodichloromethane	Bromoform	Carbon Disulfide	Chloroform	Dibromochloromethane	Ethylbenzene	Styrene	Tetrachloroethene
		(µg/L)										

3. Data obtained from SCS Engineers and Shaw EMCON/OWT 2003 and 2004 Water-Quality Monitoring Reports.
4. < = Sample result reported less than the laboratory detection limit for that specific analyte.
5. Only detected analytes shown.

TABLE 8.1.6
RAW ANALYTICAL DATA - INORGANICS (METALS) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Hexavalent Chromium	Chromium	Cobalt	Copper	Iron	Lead
		(mg/L)										
SCS-1	11/22/2004	0.000446	0.000301	4.900000	<0.000001	0.000036	<0.001	0.003250	0.009840	0.000271		0.000094
SCS-2	11/22/2004	0.000476	0.001470	0.299000	0.000003	0.000268	<0.001	0.000569	0.008870	0.000757		0.000070
SCS-3	11/22/2004	0.000168	0.000082	0.133000	<0.000001	0.000020	<0.001	0.000589	0.000909	0.000122		0.000032
SCS-4	11/22/2004	0.000284	0.000802	0.525000	0.000002	0.000013	<0.001	0.000740	0.009100	0.000127		0.000019
SCS-5	11/22/2004	0.000314	0.000072	0.125000	0.000001	0.000020		0.000548	0.000947	0.000133		0.000055
MBW-1	11/23/2004	0.000438	0.001160	1.670000	0.000013	0.000205	<0.001	0.016700	0.004980	0.021800		0.001900
MBW-1	7/13/2004		<0.001					0.004				
MBW-1	5/16/2004		0.006					<0.004				
MBW-1 (A)	02/18/04		0.007					<0.004				
MBW-1 (B)	02/18/04		0.007					<0.004				
MBW-1 (A)	11/25/03		0.002					<0.004				
MBW-1 (B)	11/25/03		0.005					<0.004				
MBW-1	08/12/03		<0.001					<0.004				
MBW-1	05/21/03		0.006					<0.004				
MBW-1	02/10/03		0.0057					0.052				
MBW-1	02/10/03		0.0078					0.052				
MBW-2	11/23/2004	0.00028	0.01340	1.63000	0.00002	0.00002	<0.001	0.00145	0.00271	0.00016		0.00003
MBW-2	07/16/04		<0.001					<0.004				
MBW-2	05/19/04		<0.001					<0.004				
MBW-2	02/18/04		<0.001					<0.004				
MBW-2	11/25/03		<0.001					<0.004				
MBW-2 (A)	08/12/03		<0.001					<0.004				
MBW-2 (B)	08/12/03		<0.001					<0.004				
MBW-2 (A)	08/12/03		0.0040					<0.004				
MBW-2 (B)	05/20/03		0.013					<0.004				
MBW-2	02/11/03		0.0035					0.069				
MBW-3	07/13/03		<0.001					<0.004				
MBW-3	05/19/03		0.002					<0.004				
MBW-3	2/18/2004		0.005					<0.004				
MBW-3	11/25/2004		<0.001					0.005				
MBW-3	8/12/2003		0.005					<0.004				
MBW-3	5/20/2003		0.0050					<0.004				
MBW-3	2/19/2003		0.0050					0.005				
MBE-4	11/22/2004	0.001	0.020	0.657	0.000	0.000	<0.001	0.002	0.019	0.010		0.00037
MBE-4	7/13/2004	0.004	<0.001	0.155				<0.004			1.38	<0.001
MBE-4	5/19/2004	0.002	0.017	0.055				<0.004			0.74	<0.001
MBE-4	2/18/2004	0.002	0.014	0.117				<0.004			0.839	<0.001
MBE-4	11/25/2003	0.004	0.016	0.145				<0.004			0.589	<0.001
MBE-4 (A)	8/11/2003	0.01	0.016	0.061				<0.004			0.697	<0.001
MBE-4 (B)	5/20/2003	<0.10	0.016	0.06				<0.004			<0.05	0.07
MBE-4	2/10/2003	<0.10	0.011	0.080				0.098			<0.05	0.0130
MBW-5	11/22/2004	0.0003	0.0029	0.0632	0.0000	0.0003	<0.001	0.0002	0.0093	0.0030		0.0001
MBW-5 (A)	7/13/2004		0.006					<0.004				
MBW-5 (B)	7/13/2004		0.007					<0.004				
MBW-5	5/19/2004		<0.001					<0.004				
MBW-5	2/15/2004		0.009					<0.004				

TABLE 8.1.6
RAW ANALYTICAL DATA - INORGANICS (METALS) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Hexavalent Chromium	Chromium	Cobalt	Copper	Iron	Lead
		(mg/L)										
MBW-5	11/25/2003		0.009					<0.004				
MBW-5	8/11/2003		0.008					0.004				
MBW-5	5/20/2003		0.001					<0.004				
MBW-5	2/10/2003		0.0084					0.045				
MBE-6	11/22/2004	0.00010	0.00027	0.05460	0.00000	0.00006	<0.001	0.00013	0.00075	0.00065		0.00001
MBE-6	7/13/2004		0.0090					<0.004				
MBE-6	5/16/2004		0.0040					<0.004				
MBE-6	2/18/2004		0.0030					<0.004				
MBE-6	11/25/2003		0.0030					<0.004				
MBE-6	8/11/2003		0.0060					0.004				
MBE-6	5/20/2003		0.007					0.006				
MBE-6	2/10/2003		0.0056					0.030				
MBW-7	2/18/2003		0.004					<0.004				
MBW-7	11/25/2003		0.006					<0.004				
MBW-7	7/13/2004		0.009					<0.004				
MBW-7	5/19/2004		0.004					0.16				
MBW-7	8/11/2003		0.007					<0.004				
MBW-7	5/20/2003		0.007					0.006				
MBW-7	2/11/2003		0.0055					0.012				
MW-10	11/22/2004	0.001	0.00024	0.050	0.000002	0.000053		0.001	0.002	0.002		0.000074
MW-10	7/13/2004		0.007					<0.004				
MW-10 (A)	5/19/2004		<0.001					<0.004				
MW-10 (B)	5/19/2004		<0.001					<0.004				
MW-10	2/20/2004		0.004					<0.004				
MW-10	11/25/2003		0.005					<0.004				
MW-10	8/11/2003		0.009					0.005				
MW-10	5/21/2003		<0.001					<0.004				
MW-10	2/10/2003		0.0085					0.052				

TABLE 8.1.6
RAW ANALYTICAL DATA - INORGANICS (METALS) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		(mg/L)							
SCS-1	11/22/2004	0.000001	0.000561	0.000912	0.000278	<0.00002	<0.0000277	<0.00085	0.056900
SCS-2	11/22/2004	0.000001	0.021400	0.008550	0.000259	<0.00002	<0.000033	<0.00085	0.111000
SCS-3	11/22/2004	0.000000	0.006040	0.000377	0.000089	<0.00002	<0.0000245	<0.00085	0.012100
SCS-4	11/22/2004	0.000001	0.006360	0.010400	0.000207	<0.00002	<0.0000286	<0.00085	0.008470
SCS-5	11/22/2004	0.000000	0.006160	0.000423	<0.000057	<0.00002	<0.0000243	<0.00085	0.008660
MBW-1	11/23/2004	0.000109	0.003950	0.004690	0.000330	0.002270	<0.0000287	0.025200	0.163000
MBW-1	7/13/2004						<0.0006		
MBW-1	5/16/2004						<0.0006		
MBW-1 (A)	02/18/04					<0.001			
MBW-1 (B)	02/18/04					<0.001			
MBW-1 (A)	11/25/03					<0.001			
MBW-1 (B)	11/25/03					<0.001			
MBW-1	08/12/03					<0.006			
MBW-1	05/21/03								
MBW-1	02/10/03								
MBW-1	02/10/03								
MBW-2	11/23/2004	0.00000074	0.00719	0.00330	0.00077	<0.00002	<0.000024	0.01470	0.00212
MBW-2	07/16/04						<0.0006		
MBW-2	05/19/04						<0.0006		
MBW-2	02/18/04						<0.001		
MBW-2	11/25/03						<0.001		
MBW-2 (A)	08/12/03						<0.0006		
MBW-2 (B)	08/12/03						<0.0006		
MBW-2 (A)	08/12/03								
MBW-2 (B)	05/20/03								
MBW-2	02/11/03								
MBW-3	11/22/2004	0.0000007	0.00089	0.00062	0.00047	<0.00002	<0.000027	0.00683	0.00336
MBW-3	07/13/03						<0.0006		
MBW-3	05/19/03						<0.0006		
MBW-3	2/18/2004						<0.001		
MBW-3	11/25/2004						<0.001		

TABLE 8.1.6
RAW ANALYTICAL DATA - INORGANICS (METALS) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		(mg/L)							
MBW-3	8/12/2003						<0.0006		
MBW-3	5/20/2003								
MBW-3	2/19/2003								
MBE-4	11/22/2004	0.000004	0.086	0.034	0.002	0.0000366	<0.000026	0.052	0.020
MBE-4	7/13/2004		1.04	0.016	<0.005		<0.0006	0.066	0.076
MBE-4	5/19/2004		0.16	0.016	0.016		<0.0006	0.064	0.056
MBE-4	2/18/2004		0.12	0.003	0.005		<0.001	0.046	13.60
MBE-4	11/25/2003		0.15	0.015	0.019		<0.001	0.053	<0.010
MBE-4 (A)	8/11/2003		0.12	0.067	0.02		<0.0006	0.061	0.059
MBE-4 (B)	5/20/2003		0.13	0.010	<0.005			0.08	0.006
MBE-4	2/10/2003		0.046	0.008	<0.005			0.028	0.016
MBW-5	11/22/2004	0.0000206	0.0530	0.0090	0.0002	0.0000	<0.0000304	<0.00085	0.1180
MBW-5 (A)	7/13/2004						<0.0006		
MBW-5 (B)	7/13/2004						<0.0006		
MBW-5	5/19/2004						<0.006		
MBW-5	2/15/2004						<0.001		
MBW-5	11/25/2003						<0.001		
MBW-5	8/11/2003						<0.0006		
MBW-5	5/20/2003								
MBW-5	2/10/2003								
MBE-6	11/22/2004	0.00000	0.02160	0.00151	<0.000057	<0.00002	<0.000025	<0.00085	0.00858
MBE-6	7/13/2004						<0.0006		
MBE-6	5/16/2004						<0.0006		
MBE-6	2/18/2004						<0.001		
MBE-6	11/25/2003						<0.001		
MBE-6	8/11/2003						<0.0006		
MBE-6	5/20/2003								
MBE-6	2/10/2003								
MBW-7	2/18/2003						<0.001		
MBW-7	11/25/2003						<0.001		
MBW-7	7/13/2004						<0.0006		
MBW-7	5/19/2004						<0.0006		
MBW-7	8/11/2003						<0.0006		
MBW-7	5/20/2003								
MBW-7	2/11/2003								
MW-10	11/22/2004	0.000003	0.024	0.005	0.001	<0.00002	<0.0000247	<0.00085	0.068
MW-10	7/13/2004						<0.0006		
MW-10 (A)	5/19/2004						<0.0006		
MW-10 (B)	5/19/2004						<0.0006		
MW-10	2/20/2004						<0.001		
MW-10	11/25/2003						<0.001		
MW-10	8/11/2003						<0.0006		
MW-10	5/21/2003								
MW-10	2/10/2003								

TABLE 8.1.6
RAW ANALYTICAL DATA - INORGANICS (METALS) - GROUNDWATER
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample Station	Sampling Date	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		(mg/L)							

Notes:
1. mg/L = milligrams per liter (parts per million [ppm])
2. < = Sample result reported less than the laboratory detection limit for that specific analyte.
3. Only detected analytes shown.

TABLE 8.1.7
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.

TABLE 8.1.8
NEAR-SURFACE SOIL VAPOR SAMPLE CONCENTRATION RESULTS
BASED ON MULTIPLYING DETECTED CONCENTRATIONS BY NUMBER OF COMPOSITE SAMPLES
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample ID	Sample Date	Number of Composite Samples	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	5	13	90	120	550	13	--	26	90	14.5	--	49.5	--	--	21
MB2-SUR	5/26/2004	5	--	23.5	140	700	--	--	--	--	--	--	26	--	--	50.5
MB3-SUR	5/26/2004	3	--	8.1	51	294	--	--	7.8	--	--	--	--	--	--	--
MB4-SUR	5/27/2004	5	--	--	--	210	--	--	--	--	--	--	--	--	--	--
MB5-SUR	5/27/2004	5	--	--	--	150	--	--	11	--	--	--	--	--	--	--
MB6-SUR	5/28/2004	5	--	160	50	255	--	25.5	--	--	--	--	38.5	--	55	130.5
MB7-SUR	5/28/2004	5	--	33	85	410	--	55	11.5	--	--	--	39.5	--	37.5	123
MB8-SUR	6/1/2004	4	32.4	232	72	332	--	18	344	--	440	880	760	15.2	24	772
MB10-SUR	6/2/2004	4	--	20.4	--	136	--	--	--	--	--	--	29.6	--	--	121.2
MB9-SUR	6/2/2004	5	38.5	455	60	225	--	22	190	55	245	--	700	--	65	735

Notes:

1. Please see Table 6.1.7 for raw analytical results of near-surface soil vapor samples.
2. Based on OEHHA comments (dated May 14, 2004), the concentration of each detected contaminant multiplied by number of composite samples.

TABLE 8.1.9
RAW ANALYTICAL DATA SUMMARY TABLE - LANDFILL GAS
MISSION BAY LANDFILL
SEA WORLD DRIVE
SAN DIEGO, CALIFORNIA

Sample ID	Sample Date	Hydrogen sulfide	Total Non-Methane Hydrocarbons as Methane	1,2-Dichlorobenzene	1,4-Dichlorobenzene	2-Butanone (MEK)	Acetone	Chlorobenzene	Chlorodifluoromethane	Chloroethane	Dichlorodifluoromethane	Dichlorofluoromethane	Ethylbenzene	n-Butane	n-Hexane	Pentane	Propane	Trichloroethene	Vinyl chloride	Total Xylenes
		ppm (v/v)	ppm-c	ppb (v/v)																
MB1-LFG	5/25/2004	<0.2	590	<17	58	<85	<85	36	<17	<34	<17	<17	200	1500	470	890	2900	<17	18	69
MB2-LFG	5/26/2004	2.9	890	<15	71	<73	<73	22	29	<29	<15	<15	350	2100	260	700	4100	<15	39	255
MB3-LFG	5/26/2004	0.54	110	<2	6.5	<10	40	<2	8.4	<4	3.3	<2	5.6	550	160	190	1000	<2	<2	10.3
MB4-LFG	5/27/2004	0.45	83	<3.5	<3.5	<18	28	<3.5	<3.5	<7	<3.5	<3.5	7.5	330	48	120	620	<3.5	<3.5	8
MB5-LFG	5/27/2004	1.6	78	<3.9	<3.9	<20	<20	<3.9	6.5	<7.8	<3.9	<3.9	25	800	60	230	1600	<3.9	5.7	33.8
MB6-LFG	5/28/2004	1	500	<3.6	73	<18	65	15	<3.6	<7.2	<3.6	<3.6	56	4800	200	1500	11000	<3.6	20	65
MB7-LFG	5/28/2004	1	360	<3.8	8.1	<19	<19	22	6.5	<7.6	<3.8	<3.8	13	2200	180	730	4200	<3.8	16	22.6
MB8-LFG	6/1/2004	20	920	25	130	<35	<35	21	230	<14	190	11	440	1800	280	750	3100	9.1	56	1030
MB10-LFG	6/2/2004	0.28	450	<4.3	17	<21	39	6.2	23	<8.6	<4.3	<4.3	14	1600	250	770	2300	<4.3	8.7	21.2
MB9-LFG	6/2/2004	1.8	870	29	160	40	120	28	42	8.5	7.2	<3.7	810	1200	220	550	2200	4	50	590

Notes:

1. Hydrogen sulfide analyzed by USEPA 15/16 and reported in ppm(v/v) (parts per million volume), total non-methane hydrocarbons as methane analyzed by EPA 25C and all other analytes 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.