TABLE 3.5-I

BACKGROUND AND DOWN-CANYON SUBSURFACE SOIL SAMPLE RESULTS

PALOS VERDES LANDFILL - REMEDIAL INVESTIGATION REPORT

CONSTITUENT	UNITS	ALL BACKGROUND SUBSURFACE SOIL SAMPLES					
		ALL VALUES			NON-DETECTED VALUES		
		NO. OF SAMPLES	RANGE	MEAN	NO. OF ND SAMPLES	RANGE	MEAN
GENERAL PARAMETERS							
PH	PH	51	6.9 - 9	8.06	0	NA - NA	NA
CONDUCTIVITY	UMHOS/CM	50	<0.01 - 3850	1035.1	1	0.01 - 0.01	NA
NITRATE NITROGEN	MG/KG N	50	<0.01 - 129	6.45	8	0.01 - 0.05	0.025
SULFATE	MG/KG SO4	50	3 - 2760	316.4	0	NA - NA	NA
CHLORIDE	MG/KG CL	50	5 - 1200	90.6	0	NA - NA	NA
OIL & GREASE	MG/KG	42	<150 - 3900	367.5	4	150 - 150	150
HYDROCARBONS-MODIFIED8015	MG/KG HC	53	<0.2 - 0.5	0.12	50	0.2 - 0.2	0.2
METALS							
CALCIUM	MG/KG CA	53	1130 - 171000	35523	0	NA - NA	NA
MAGNESIUM	MG/KG MG	53	682 - 99000	16856	0	NA - NA	NA
ARSENIC	MG/KG AS	53	0.17 - 58	4.995	0	NA - NA	NA
BARIUM	MG/KG BA	53	5.59 - 4400	408.55	0	NA - NA	NA
CADMIUM	MG/KG CD	53	<0.15 - 18.9	4.72	3	0.15 - 0.15	0.15
TOTAL CHROMIUM	MG/KG CR	53	16.2 - 193	86.73	0	NA - NA	NA
COBALT	MG/KG CO	53	<1.8 - 24.3	7.36	3	1.8 - 2	1.93
IRON	MG/KG FE	53	613 - 32900	11343	0	NA - NA	NA
LEAD	MG/KG PB	53	<2 - 5.31	1.60	40	2 - 2.5	2.23
MANGANESE	MG/KG MN	53	25.2 - 590	192.07	0	NA - NA	NA
MERCURY	MG/KG HG	50	<0.050 - 0.318	0.0961	11	0.05 - 0.05	0.05
NICKEL	MG/KG NI	53	13.4 - 294	69.88	0	NA - NA	NA
POTASSIUM	MG/KG K	53	262 - 7240	2514.2	0	NA - NA	NA
SELENIUM	MG/KG SE	53	<0.01 - 2.9	0.47	4	0.01 - 0.01	0.01
SILVER	MG/KG AG	53	<1 - 4.25	1.018	23	1 - 1	1.0
SODIUM	MG/KG NA	53	114 - 4560	979.4	0	NA - NA	NA
ZINC	MG/KG ZN	53	30.8 - 408	106.04	0	NA - NA	NA
ANTIMONY	MG/L SB	53	<0.5 - 5.5	1.17	18	0.5 - 0.5	0.50
BERYLLIUM	MG/KG BE	53	<0.5 - 2.94	0.90	18	0.5 - 0.5	0.50
MOLYBDENUM	MG/KG MO	53	<0.86 - 70.6	12.14	5	0.86 - 1	0.964
THALLIUM	MG/KG TL	53	<0.5 - <0.5	NA	53	0.5 - 0.5	0.50
VANADIUM	MG/KG V	53	37.5 - 645	184.3	0	NA - NA	NA

TABLE 3.5-1 (CONTINUED)
BACKGROUND AND DOWN-CANYON SUBSURFACE SOIL SAMPLE RESULTS
PALOS VERDES LANDFILL - REMEDIAL INVESTIGATION REPORT

CONSTITUENT	UNITS	ALL BACKGROUND SUBSURFACE SOIL SAMPLES					
		ALL VALUES			NON-DETECTED VALUES		
		NO. OF SAMPLES	RANGE	MEAN	NO. OF ND SAMPLES	RANGE	MEAN
VOLATILE ORGANIC COMPOUNDS							
METHYLENE CHLORIDE	MG/KG	42	<0.02 - <0.02	NA	42	0.02 - 0.02	0.02
CHLOROFORM	MG/KG	42	<0.01 - <0.01	NA	42	0.01 - 0.01	0.01
1,1,1-TRICHLOROETHANE	MG/KG	42	<0.01 - 0.02	0.01	41	0.01 - 0.01	0.01
TRICHLOROETHYLENE	MG/KG	42	<0.01 - <0.01	NA	42	0.01 - 0.01	0.01
TETRACHLOROETHYLENE	MG/KG	42	<0.01 - <0.01	NA	42	0.01 - 0.01	0.01
DIBROMOCHLOROMETHANE	MG/KG	42	<0.01 - <0.01	NA	42	0.01 - 0.01	0.01
BROMOFORM	MG/KG	42	<0.02 - 0.02	0.01	41	0.02 - 0.02	0.02
1,1-DICHLOROETHANE	MG/KG	42	<0.01 - 0.01	0.01	41	0.01 - 0.01	0.01
1,1,2-TRICHLOROETHANE	MG/KG	42	<0.01 - 0.01	0.01	41	0.01 - 0.01	0.01
1,2-DICHLOROETHANE	MG/KG	42	<0.01 - <0.01	NA	42	0.01 - 0.01	0.01
BENZENE	MG/KG	42	<0.01 - <0.01	NA	42	0.01 - 0.01	0.01
TOLUENE	MG/KG	42	<0.01 - 0.06	0.01	34	0.01 - 0.01	0.01
ETHYL BENZENE	MG/KG	42	<0.01 - <0.01	NA	42	0.01 - 0.01	0.01
O-XYLENE	MG/KG	42	<0.01 - <0.01	NA	42	0.01 - 0.01	0.01
CIS-1,3-DICHLOROPROPENE	MG/KG	42	<0.01 - <0.01	NA	42	0.01 - 0.01	0.01
1,1,2,2-TETRACHLOROETHANE	MG/KG	42	<0.01 - 0.04	0.01	41	0.01 - 0.01	0.01
M+P-XYLENE	MG/KG	42	<0.01 - 0.01	0.01	41	0.01 - 0.01	0.01
SEMI-VOLATILE ORGANIC COMOUNDS							
ACENAPHTHENE	MG/KG	53	<2 - <2	NA	53	2 - 2	2.0
ACENAPHTHYLENE	MG/KG	53	<2 - <2	NA	53	2 - 2	2.0
ANTHRACENE	MG/KG	53	<1 - <1	NA	53	1 - 1	1.0
BENZO(A)ANTHRACENE	MG/KG	53	<2 - <2	NA	53	2 - 2	2.0
BENZO(A)PYRENE	MG/KG	53	<7 - 1	NA	53	1 - 7	6.9
BENZO(B)FLUORANTHENE	MG/KG	53	<2 - <2	NA	53	2 - 2	2.0
BENZO(K)FLUORANTHENE	MG/KG	53	<2 - <2	NA	53	2 - 2	2.0
DIETHYLHEXYL PHTHALATE	MG/KG	53	<10 - 2	NA	53	2 - 10	9.8
CHRYSENE	MG/KG	53	<2 - <2	NA	53	2 - 2	2.0
DI-N-BUTYL PHTHALATE	MG/KG	53	<4 - 2	NA	53	1 - 4	3.9
FLUORANTHENE	MG/KG	53	<2 - <2	NA	53	2 - 2	2.0
PHENANTHRENE	MG/KG	53	<1 - <1	NA	53	1 - 1	1.0
PYRENE	MG/KG	53	<2 - <2	NA	53	2 - 2	2.0

NA - Not Applicable ND - Non-Detected < - Less Than (indicates a non-detected value)