Previous

TABLE E-29: SITE 9 LANDFILL GASES IN AIR

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

(Page 1 of 1)

Location	S09-DGS-SG03	S09-DGS-SG03
Sample Code	385-S09-040	385-S09-041
Sampling Date	7/26/2001	7/26/2001
Sampling Depth (feet bgs)	1.5 -	3.5 - 4
Units	PPMV	PPMV
Investigation	DGS	DGS
Analyte		
BUTANE, PPMV	1 U	1 U
CARBON DIOXIDE, %	2.091	0.04
CARBON MONOXIDE, %	0.001 U	0.001 U
ETHANE, PPMV	1 U	1 U
HYDROGEN, %	0.02 U	0.02 U
ISOBUTANE, PPMV	1 U	1 U
ISOPENTANE, PPMV	1 U	1 U
METHANE, %	0.001 U	0.001 U
NITROGEN, %	78.1	77.61
NON METHANE ORGANIC COMPOUNDS, PPMV	300.8	53.5
OXYGEN, PPMV	19.81	22.35
PENTANE, PPMV	1.1	1.5
PROPANE, PPMV	1 U	1 U

Notes:

PPMV Parts per million by volume

TABLE E-30: SITE 9 VOLATILE ORGANIC COMPOUNDS IN AIR

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 1 of 1)

Location	S09-DGS-SG03	S09-DGS-SG03
Sample Code	385-S09-040	385-S09-041
Sampling Date	7/26/2001	7/26/2001
Sampling Depth (feet bgs)	1.5 -	3.5 - 4
Units	UG/M3	UG/M3
Investigation	DGS	DGS
Analyte		
1,1,1-TRICHLOROETHANE	73.24 U	69.86 U
1,1,2,2-TETRACHLOROETHANE	92.15 U	87.89 U
1,1,2-TRICHLOROETHANE	593.13 Q	69.86 U
1,1-DICHLOROETHANE	78.44	51.82 U
1,1-DICHLOROETHENE	53.22 U	50.76 U
1,2-DICHLOROBENZENE	80.7 U	76.98 U
1,2-DICHLOROETHANE	54.33 U	51.82 U
1,3-DICHLOROBENZENE	80.7 U	76.98 U
1,4-DICHLOROBENZENE	80.7 U	76.98 U
BENZENE	1201.5	122.88
CHLOROETHANE	35.42 U	33.79 U
CHLOROMETHANE	27.72 U	26.44 U
CIS-1,2-DICHLOROETHENE	53.22 U	50.76 U
ETHYLBENZENE	5891.73	308.88
M-XYLENE	26795.49	1077.17
NAPHTHALENE	703.64 UJ	671.16 UJ
O-XYLENE	5262.49	181.97
TETRACHLOROETHENE	91.59 U	87.36 U
TOLUENE	8785.93	487.39
TRANS-1,2-DICHLOROETHENE	53.22 UJ	50.76 UJ
TRICHLOROETHENE	72.13 U	68.8 U
VINYL CHLORIDE	34.31 U	32.73 U

Notes:
UG/M3 Micrograms per cubic meter

TABLE E-31: SITE 9 SEMIVOLATILE ORGANIC COMPOUNDS IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

(Page 1 of 2)

Location	NPS-S09-02
Sample Code	280-S09-024
Sampling Date	8/24/1994
Sampling Depth (feet bgs)	0 -
Units	UG/KG
Investigation	FO 1994
Analyte	
1,2,4-TRICHLOROBENZENE	3400 U
1,2-DICHLOROBENZENE	3400 U
1,3-DICHLOROBENZENE	3400 U
1,4-DICHLOROBENZENE	3400 U
2,2'-OXYBIS(1-CHLOROPROPANE)	3400 U
2,4,5-TRICHLOROPHENOL	8200 U
2,4,6-TRICHLOROPHENOL	3400 U
2,4-DICHLOROPHENOL	3400 U
2,4-DIMETHYLPHENOL	3400 U
2,4-DINITROPHENOL	8200 U
2,4-DINITROTOLUENE	3400 U
2,6-DINITROTOLUENE	3400 U
2-CHLORONAPHTHALENE	3400 U
2-CHLOROPHENOL	3400 U
2-METHYLNAPHTHALENE	3400 U
2-METHYLPHENOL	3400 U
2-NITROANILINE	8200 U
2-NITROPHENOL	3400 U
3,3'-DICHLOROBENZIDINE	3400 U
3-NITROANILINE	8200 U
4,6-DINITRO-2-METHYLPHENOL	8200 U
4-BROMOPHENYL-PHENYLETHER	3400 U
4-CHLORO-3-METHYLPHENOL	3400 U
4-CHLOROANILINE	3400 U
4-CHLOROPHENYL-PHENYLETHER	3400 U
4-METHYLPHENOL	3400 U
4-NITROANILINE	8200 U
4-NITROPHENOL	8200 U
ACENAPHTHENE	3400 U
ACENAPHTHYLENE	3400 U
ANTHRACENE	3400 U
BENZO(A)ANTHRACENE	520 J
BENZO(A)PYRENE	650 J
BENZO(B)FLUORANTHENE	530 J
BENZO(G,H,I)PERYLENE	580 J
BENZO(K)FLUORANTHENE	180 J
BIS(2-CHLOROETHOXY)METHANE	3400 U
BIS(2-CHLOROETHYL)ETHER	3400 U
BIS(2-ETHYLHEXYL)PHTHALATE	13000 UJ
BUTYLBENZYLPHTHALATE	3400 UJ
CARBAZOLE	3400 U
CHRYSENE	410 J
DIBENZO(A,H)ANTHRACENE	3400 U
DIBENZOFURAN	3400 U
DIETHYLPHTHALATE	3400 U
DIMETHYLPHTHALATE	3400 U
DI-N-BUTYLPHTHALATE	3400 U
DI-N-OCTYLPHTHALATE	3400 U
FLUORANTHENE	670 J
FLUORENE	3400 U
HEXACHLOROBENZENE	3400 U
HEXACHLOROBUTADIENE	3400 U

TABLE E-31: SITE 9 SEMIVOLATILE ORGANIC COMPOUNDS IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 2 of 2)

Location	NPS-S09-02
Sample Code	280-S09-024
Sampling Date	8/24/1994
Sampling Depth (feet bgs)	0 -
Units	UG/KG
Investigation	FO 1994
Analyte	
HEXACHLOROCYCLOPENTADIENE	3400 U
HEXACHLOROETHANE	3400 U
INDENO(1,2,3-CD)PYRENE	260 J
ISOPHORONE	3400 U
NAPHTHALENE	3400 U
NITROBENZENE	3400 U
N-NITROSO-DI-N-PROPYLAMINE	3400 U
N-NITROSODIPHENYLAMINE	3400 U
PENTACHLOROPHENOL	8200 U
PHENANTHRENE	240 J
PHENOL	4700
PYRENE	630 J

Notes:

UG/KG Micrograms per kilogram

TABLE E-32: SITE 9 VOLATILE ORGANIC COMPOUNDS IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

(Page 1 of 1)

Location	NPS-S09-02
Sample Code	280-S09-024
Sampling Date	8/24/1994
Sampling Depth (feet bgs)	0 -
Units	UG/KG
Investigation	FO 1994
Analyte	
1,1,1-TRICHLOROETHANE	10 UJ
1,1,2,2-TETRACHLOROETHANE	
1,1,2-TRICHLOROETHANE	10 UJ
1,1-DICHLOROETHANE	10 U
1,1-DICHLOROETHENE	10 U
1,2-DICHLOROETHANE	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U
1,2-DICHLOROPROPANE	10 UJ
2-BUTANONE	15 UJ
2-HEXANONE	
4-METHYL-2-PENTANONE	16 J
ACETONE	100 UJ
BENZENE	10 UJ
BROMODICHLOROMETHANE	10 UJ
BROMOFORM	10 UJ
BROMOMETHANE	10 U
CARBON DISULFIDE	10 U
CARBON TETRACHLORIDE	10 UJ
CHLOROBENZENE	
CHLOROETHANE	10 UJ
CHLOROFORM	10 U
CHLOROMETHANE	10 U
CIS-1,3-DICHLOROPROPENE	10 UJ
DIBROMOCHLOROMETHANE	10 UJ
ETHYLBENZENE	
METHYLENE CHLORIDE	10 UJ
STYRENE	2 J
TETRACHLOROETHENE	
TOLUENE	22 J
TRANS-1,3-DICHLOROPROPENE	10 UJ
TRICHLOROETHENE	10 UJ
VINYL CHLORIDE	10 U
XYLENE (TOTAL)	12 J

Notes:

UG/KG Micrograms per kilogram

TABLE E-33: SITE 9 TOTAL METALS IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 1 of 1)

Location	NPS-S09-02
Sample Code	280-S09-024
Sampling Date	8/24/1994
Sampling Depth (feet bgs)	0 -
Units	MG/KG
Investigation	FO 1994
Analyte	
ALUMINUM	9290 J
ANTIMONY	53.3 J
ARSENIC	25.1
BARIUM	218 J
BERYLLIUM	11.5
CADMIUM	158
CALCIUM	4790 J
CHROMIUM	6470 J
COBALT	71.1 J
COPPER	683
IRON	210000 J
LEAD	1370 J
MAGNESIUM	3330 J
MANGANESE	854 J
MERCURY	1.5
MOLYBDENUM	353
NICKEL	1660
POTASSIUM	1440 U
SELENIUM	2.5 UJ
SILVER	11.4
SODIUM	193 UJ
THALLIUM	0.81 U
VANADIUM	64 J
ZINC	2200 J

Notes:
MG/KG Milligrams per kilogram

TABLE E-34: SITE 9 TOTAL PETROLEUM HYDROCARBONS IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	NPS-S09-02
Sample Code	280-S09-024
Sampling Date	8/24/1994
Sampling Depth (feet bgs)	0 -
Units	MG/KG
Investigation	FO 1994
Analyte	
DIESEL RANGE ORGANICS	100 U
GASOLINE RANGE ORGANICS	2.3 J
JP5 RANGE ORGANICS	100 U
MOTOR OIL RANGE ORGANICS	7170 J

Notes:

MG/KG Milligrams per kilogram

TABLE E-35: SITE 9 GENERAL CHEMISTRY IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	NPS-S09-02
Sample Code	280-S09-024
Sampling Date	8/24/1994
Sampling Depth (feet bgs)	0 -
Units	UNITS
Investigation	FO 1994
Analyte	
CYANIDE	
DIBUTYL TIN	
MONOBUTYL TIN	
OIL & GREASE	
PH	6.7
SULFIDE	
TETRABUTYL TIN	
TRIBUTYL TIN	

SITE 13
ENVIRONMENTAL BASELINE SURVEY INVESTIGATIONS

TABLE E-36: SITE 13 DIOXINS AND FURANS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 1 of 1)

Location	147-Z22-001
Sample Code	147-0001
Sampling Date	4/6/1995
Sampling Depth (feet bgs)	0 - 0.5
Units	UG/KG
Investigation	EBS PHASE 2A
Analyte	
1234678-HEPTACHLORINATED DIBENZOFURAN	24 U
1234678-HEPTACHLORINATED DIBENZO-P-DIOXIN	24 U
1234789-HEPTACHLORINATED DIBENZOFURAN	24 U
123478-HEXACHLORINATED DIBENZOFURAN	24 U
123478-HEXACHLORINATED DIBENZO-P-DIOXIN	24 U
123678-HEXACHLORINATED DIBENZOFURAN	24 U
123678-HEXACHLORINATED DIBENZO-P-DIOXIN	24 U
123789-HEXACHLORINATED DIBENZOFURAN	24 U
123789-HEXACHLORINATED DIBENZO-P-DIOXIN	24 U
12378-PENTACHLORINATED DIBENZOFURAN	24 U
12378-PENTACHLORINATED DIBENZO-P-DIOXIN	24 U
234678-HEXACHLORINATED DIBENZOFURAN	24 U
23478-PENTACHLORINATED DIBENZOFURAN	24 U
2378-TETRACHLORINATED DIBENZOFURAN	9.7 U
2378-TETRACHLORINATED DIBENZO-P-DIOXIN	9.7 U
OCTACHLORINATED DIBENZOFURAN	48 U
OCTACHLORINATED DIBENZO-P-DIOXIN	48 U
TOTAL HEPTACHLORODIBENZOFURAN	24 U
TOTAL HEPTACHLORODIBENZO-P-DIOXIN	24 U
TOTAL HEXACHLORODIBENZOFURAN	24 U
TOTAL PENTACHLORODIBENZOFURAN	24 U
TOTAL PENTACHLORODIBENZO-P-DIOXIN	24 U
TOTAL TETRACHLORODIBENZOFURAN	9.7 U
TOTAL TETRACHLORODIBENZO-P-DIOXIN	9.7 U

Notes:
UG/KG Micrograms per kilogram

TABLE E-37: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

(Page 1 of 2)

Location	146-SS-001	147-SS-001	147-SS-002	147-SS-003	147-SS-004
Sample ID	146M-001	147M-001	147M-002	147M-003	147M-004
Sampling Date	2/9/1995	2/9/1995	2/9/1995	5/24/1995	2/9/1995
Sampling Depth (feet bgs)	3 - 4	2 - 2.5	7 - 8	5.5 - 6.5	6 - 7
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte					
2,4,5-T					
2,4,5-TP (SILVEX)					
2,4-D					
2,4-DB					
4,4'-DDD					
4,4'-DDE					
4,4'-DDT					
ALDRIN					
ALPHA-BHC					
ALPHA-CHLORDANE					
AROCLOR-1016	39 U	36 U	40 U	39 U	38 U
AROCLOR-1221	80 U	73 U	81 U	79 U	78 U
AROCLOR-1232	39 U	36 U	40 U	39 U	38 U
AROCLOR-1242	39 U	36 U	40 U	39 U	38 U
AROCLOR-1248	39 U	36 U	40 U	39 U	38 U
AROCLOR-1254	39 U	36 U	40 U	39 U	38 U
AROCLOR-1260	39 U	25 J	41	39 U	38 U
AZINPHOS-METHYL					
BETA-BHC					
CHLORDANE					
DALAPON; 2,2-DICHLOROPROPANOIC					
DELTA-BHC					
DEMETON					
DIAZINON					
DICAMBA					
DICHLORPROP					
DIELDRIN					
DINOSEB					
DISULFOTON					
ENDOSULFAN I					
ENDOSULFAN II					
ENDOSULFAN SULFATE					
ENDRIN					
ENDRIN ALDEHYDE					
ENDRIN KETONE					
ETHION					
ETHYL PARATHION					
GAMMA-BHC (LINDANE)					
GAMMA-CHLORDANE					
HEPTACHLOR					
HEPTACHLOR EPOXIDE					
MALATHION					
MCPA					
MCPP					
METHOXYCHLOR					
METHYL PARATHION					
TOXAPHENE					

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-37: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

(Page 2 of 2)

Location	210-IW-001	210-IW-003
Sample ID	210I-001	210I-003
Sampling Date	1/5/1995	1/5/1995
Sampling Depth (feet bgs)	3 - 3.5	5 - 5.5
Units	UG/KG	UG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2A
Analyte		
2,4,5-T	2220 U	2330 U
2,4,5-TP (SILVEX)	2220 U	2330 U
2,4-D	2220 U	2330 U
2,4-DB	2220 U	2330 U
4,4'-DDD	3.7 U	3.8 UJ
4,4'-DDE	3.7 U	3.8 UJ
4,4'-DDT	3.7 U	3.8 UJ
ALDRIN	1.9 U	2 UJ
ALPHA-BHC	1.9 U	2 UJ
ALPHA-CHLORDANE	1.9 U	2 UJ
AROCLOR-1016	37 U	38 UJ
AROCLOR-1221	74 U	78 UJ
AROCLOR-1232	37 U	38 UJ
AROCLOR-1242	37 U	38 UJ
AROCLOR-1248	37 U	38 UJ
AROCLOR-1254	37 U	38 UJ
AROCLOR-1260	37 U	38 UJ
AZINPHOS-METHYL	180 U	190 U
BETA-BHC	1.9 U	2 UJ
CHLORDANE		
DALAPON; 2,2-DICHLOROPROPANOIC	2220 U	2330 U
DELTA-BHC	1.9 U	2 UJ
DEMETON	180 U	190 U
DIAZINON	180 U	190 U
DICAMBA	2220 U	2330 U
DICHLORPROP	2220 U	2330 U
DIELDRIN	3.7 U	3.8 UJ
DINOSEB	2220 U	2330 U
DISULFOTON	180 U	190 U
ENDOSULFAN I	1.9 U	2 UJ
ENDOSULFAN II	3.7 U	3.8 UJ
ENDOSULFAN SULFATE	3.7 U	3.8 UJ
ENDRIN	3.7 U	3.8 UJ
ENDRIN ALDEHYDE	3.7 U	3.8 UJ
ENDRIN KETONE	3.7 U	3.8 UJ
ETHION	180 U	190 U
ETHYL PARATHION	180 U	190 U
GAMMA-BHC (LINDANE)	1.9 U	2 UJ
GAMMA-CHLORDANE	1.9 U	2 UJ
HEPTACHLOR	1.9 U	2 UJ
HEPTACHLOR EPOXIDE	1.9 U	2 UJ
MALATHION	180 U	190 U
MCPA	111000 U	116000 U
MCPP	111000 U	116000 U
METHOXYCHLOR	19 U	20 UJ
METHYL PARATHION	180 U	190 U
TOXAPHENE	190 U	200 UJ

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-38: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

(Page 1 of 2)

Location	146-SS-001	147-SS-001	147-SS-002	147-SS-003	147-SS-004	210-IW-001	210-IW-003
Sample Code	146M-001	147M-001	147M-002	147M-003	147M-004	210I-001	210I-003
Sampling Date	2/9/1995	2/9/1995	2/9/1995	5/24/1995	2/9/1995	1/5/1995	1/5/1995
Sampling Depth (feet bgs)	3 - 4	2 - 2.5	7 - 8	5.5 - 6.5	6 - 7	3 - 3.5	5 - 5.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte							
1,2,4-TRICHLOROBENZENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
1,2-DICHLOROBENZENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
1,3-DICHLOROBENZENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
1,4-DICHLOROBENZENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
2,2'-OXYBIS(1-CHLOROPROPANE)	390 U	360 U	400 U	390 U	380 U	370 U	760 U
2,4,5-TRICHLOROPHENOL	950 U	870 U	960 U	940 U	930 U	890 U	1900 U
2,4,6-TRICHLOROPHENOL	390 U	360 U	400 U	390 U	380 U	370 U	760 U
2,4-DICHLOROPHENOL	390 U	360 U	400 U	390 U	380 U	370 U	760 U
2,4-DIMETHYLPHENOL	390 U	360 U	400 U	390 U	380 U	370 U	760 U
2,4-DINITROPHENOL	950 U	870 U	960 U	940 U	930 U	890 U	1900 U
2,4-DINITROTOLUENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
2,6-DINITROTOLUENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
2-CHLORONAPHTHALENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
2-CHLOROPHENOL	390 U	360 U	400 U	390 U	380 U	370 U	760 U
2-METHYLNAPHTHALENE	390 U	360 U	400 U	43 J	380 U	370 U	760 U
2-METHYLPHENOL	390 U	360 U	400 U	390 U	380 U	370 U	760 U
2-NITROANILINE	950 U	870 U	960 U	940 U	930 U	890 U	1900 U
2-NITROPHENOL	390 U	360 U	400 U	390 U	380 U	370 U	760 U
3,3'-DICHLOROBENZIDINE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
3-NITROANILINE	950 U	870 U	960 U	940 U	930 U	890 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	950 U	870 U	960 U	940 U	930 U	890 U	1900 U
4-BROMOPHENYL-PHENYLETHER	390 U	360 U	400 U	390 U	380 U	370 U	760 U
4-CHLORO-3-METHYLPHENOL	390 U	360 U	400 U	390 U	380 U	370 U	760 U
4-CHLOROANILINE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
4-CHLOROPHENYL-PHENYLETHER	390 U	360 U	400 U	390 U	380 U	370 U	760 U
4-METHYLPHENOL	390 U	360 U	400 U	390 U	380 U	370 U	760 U
4-NITROANILINE	950 U	870 U	960 U	940 U	930 U	890 U	1900 U
4-NITROPHENOL	950 U	870 U	960 U	940 U	930 U	890 U	1900 U
BIS(2-CHLOROETHOXY)METHANE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
BIS(2-CHLOROETHYL)ETHER	390 U	360 U	400 U	390 U	380 U	370 U	760 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 U	360 U	24 J	390 U	23 J	370 U	99 J
BUTYLBENZYLPHTHALATE	390 U	360 U	400 U	390 U	380 U	370 U	240 J
CARBAZOLE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
DIBENZOFURAN	390 U	360 U	400 U	390 U	380 U	370 U	760 U
DIETHYLPHTHALATE	390 U	360 U	400 U	390 U	380 U	370 U	760 U

TABLE E-38: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	146-SS-001	147-SS-001	147-SS-002	147-SS-003	147-SS-004	210-IW-001	210-IW-003
Sample Code	146M-001	147M-001	147M-002	147M-003	147M-004	210I-001	210I-003
Sampling Date	2/9/1995	2/9/1995	2/9/1995	5/24/1995	2/9/1995	1/5/1995	1/5/1995
Sampling Depth (feet bgs)	3 - 4	2 - 2.5	7 - 8	5.5 - 6.5	6 - 7	3 - 3.5	5 - 5.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte							
DIMETHYLPHTHALATE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
DI-N-BUTYLPHTHALATE	390 U	360 U	400 U	69 J	380 U	370 U	760 U
DI-N-OCTYLPHTHALATE	390 U	360 U	400 U	25 J	380 U	370 U	760 U
HEXACHLOROBENZENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
HEXACHLOROBUTADIENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
HEXACHLOROCYCLOPENTADIENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
HEXACHLOROETHANE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
ISOPHORONE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
NITROBENZENE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
N-NITROSO-DI-N-PROPYLAMINE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
N-NITROSODIPHENYLAMINE	390 U	360 U	400 U	390 U	380 U	370 U	760 U
PENTACHLOROPHENOL	950 U	870 U	960 U	940 U	930 U	890 U	1900 U
PHENOL	390 U	360 U	400 U	390 U	380 U	370 U	760 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-39: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	146-SS-001	147-SS-001	147-SS-002	147-SS-003	147-SS-004	210-IW-001	210-IW-001	210-IW-003
Sample ID	146M-001M	147M-001M	147M-002M	147M-003M	147M-004M	210I-001	210I-001M	210I-003
Sampling Date	2/9/1995	2/9/1995	2/9/1995	5/24/1995	2/9/1995	1/5/1995	1/5/1995	1/5/1995
Sampling Depth (feet bgs)	3 - 4	2 - 2.5	7 - 8	5.5 - 6.5	6 - 7	3 - 3.5	3 - 3.5	5 - 5.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte								
1,1,1-TRICHLOROETHANE	10 U	10 U	10 U	29 U	10 U	11 U	400 U	12 U
1,1,2,2-TETRACHLOROETHANE				29 U		11 U		12 U
1,1,2-TRICHLOROETHANE				29 U		11 U		12 U
1,1-DICHLOROETHANE				29 U		11 U		12 U
1,1-DICHLOROETHENE	10 U	10 U	10 U	29 U	10 U	11 U	400 U	12 U
1,2-DICHLOROETHANE	10 U	10 U	10 U	29 U	10 U	11 U	400 U	12 U
1,2-DICHLOROETHENE (TOTAL)						11 U		12 U
1,2-DICHLOROPROPANE				29 U		11 U		12 U
2-BUTANONE	10 U	10 U	10 U	59 U	10 U	11 U	490	12 U
2-HEXANONE				59 U		11 U		12 U
4-METHYL-2-PENTANONE				59 U		11 U		12 U
ACETONE				120 U		11 U		12 U
BENZENE	10 U	10 U	10 U	29 U	10 U	11 U	400 U	12 U
BROMODICHLOROMETHANE				29 U		11 U		12 U
BROMOFORM				29 U		11 U		12 U
BROMOMETHANE				59 U		11 U		12 U
CARBON DISULFIDE				29 U		11 U		12 U
CARBON TETRACHLORIDE				29 U		11 U		12 U
CHLOROBENZENE				29 U		11 U		12 U
CHLOROETHANE				59 U		11 U		12 U
CHLOROFORM				29 U		11 U		12 U
CHLOROMETHANE				59 U		11 U		12 U
CIS-1,2-DICHLOROETHENE	10 U	10 U	10 U	29 U	10 U		400 U	
CIS-1,3-DICHLOROPROPENE				29 U		11 U		12 U
DIBROMOCHLOROMETHANE				29 U		11 U		12 U
ETHYLBENZENE	10 U	10 U	10 U	29 U	10 U	11 U	400 U	2 J
HEXANE	20 U	20 U	20 U	29 U	20 U		6000 U	
M,P-XYLENE	20 U	20 U	20 U		20 U		800 U	
METHYLENE CHLORIDE	10 U	10 U	10 U	120 U	10 U	11 U	400 U	12 U
O-XYLENE	10 U	10 U	10 U	29 U	10 U		400 U	
STYRENE				29 U		11 U		12 U
TETRACHLOROETHENE	10 U	10 U	10 U	29 U	10 U	11 U	400 U	12 U
TOLUENE	10 U	10 U	10 U	29 U	10 U	11 U	400 U	12 U
TRANS-1,2-DICHLOROETHENE	10 U	10 U	10 U	29 U	10 U		400 U	
TRANS-1,3-DICHLOROPROPENE				29 U		11 U		12 U

TABLE E-39: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	146-SS-001	147-SS-001	147-SS-002	147-SS-003	147-SS-004	210-IW-001	210-IW-001	210-IW-003
Sample ID	146M-001M	147M-001M	147M-002M	147M-003M	147M-004M	210I-001	210I-001M	210I-003
Sampling Date	2/9/1995	2/9/1995	2/9/1995	5/24/1995	2/9/1995	1/5/1995	1/5/1995	1/5/1995
Sampling Depth (feet bgs)	3 - 4	2 - 2.5	7 - 8	5.5 - 6.5	6 - 7	3 - 3.5	3 - 3.5	5 - 5.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
TRICHLOROETHENE	10 U	10 U	10 U	29 U	10 U	11 U	400 U	12 U
TRICHLOROFLUOROMETHANE				29 U				
VINYL ACETATE				300 U				
VINYL CHLORIDE	10 U	10 U	10 U	59 U	10 U	11 U	400 U	12 U
XYLENE (TOTAL)				29 U		11 U		4 J

Notes:

UG/KG Micrograms per kilogram

TABLE E-39: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 3 of 4)

Location	210-IW-003
Sample ID	210I-003M
Sampling Date	1/5/1995
Sampling Depth (feet bgs)	5 - 5.5
Units	UG/KG
Investigation	EBS PHASE 2A
Analyte	
1,1,1-TRICHLOROETHANE	400 U
1,1,2,2-TETRACHLOROETHANE	
1,1,2-TRICHLOROETHANE	
1,1-DICHLOROETHANE	
1,1-DICHLOROETHENE	400 U
1,2-DICHLOROETHANE	400 U
1,2-DICHLOROETHENE (TOTAL)	
1,2-DICHLOROPROPANE	
2-BUTANONE	400 U
2-HEXANONE	
4-METHYL-2-PENTANONE	
ACETONE	
BENZENE	400 U
BROMODICHLOROMETHANE	
BROMOFORM	
BROMOMETHANE	
CARBON DISULFIDE	
CARBON TETRACHLORIDE	
CHLOROBENZENE	
CHLOROETHANE	
CHLOROFORM	
CHLOROMETHANE	
CIS-1,2-DICHLOROETHENE	400 U
CIS-1,3-DICHLOROPROPENE	
DIBROMOCHLOROMETHANE	
ETHYLBENZENE	1900
HEXANE	800 U
M,P-XYLENE	800 U
METHYLENE CHLORIDE	400 U
O-XYLENE	400 U
STYRENE	
TETRACHLOROETHENE	400 U
TOLUENE	400 U
TRANS-1,2-DICHLOROETHENE	400 U
TRANS-1,3-DICHLOROPROPENE	

TABLE E-39: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	210-IW-003
Sample ID	210I-003M
Sampling Date	1/5/1995
Sampling Depth (feet bgs)	5 - 5.5
Units	UG/KG
Investigation	EBS PHASE 2A
TRICHLOROETHENE	400 U
TRICHLOROFLUOROMETHANE	
VINYL ACETATE	
VINYL CHLORIDE	400 U
XYLENE (TOTAL)	

Notes:

UG/KG Micrograms per kilogram

TABLE E-40: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	146-SS-001	147-SS-001	147-SS-002	147-SS-003	147-SS-004	210-IW-001	210-IW-001	210-IW-003	210-IW-003
Sample Code	146M-001M	147M-001M	147M-002M	147M-003M	147M-004M	210I-001	210I-001M	210I-003	210I-003M
Sampling Date	2/9/1995	2/9/1995	2/9/1995	5/24/1995	2/9/1995	1/5/1995	1/5/1995	1/5/1995	1/5/1995
Sampling Depth (feet bgs)	3 - 4	2 - 2.5	7 - 8	5.5 - 6.5	6 - 7	3 - 3.5	3 - 3.5	5 - 5.5	5 - 5.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte									
ALUMINUM						7390 J		7450 J	
ANTIMONY	25 U	25 U	25 U	3.5 U	25 U	0.48 UNJ	25 U	0.5 UNJ	25 U
ARSENIC				7.2		1.9 B		1.4 B	
BARIUM				79.7		113 J		93.1	
BERYLLIUM	25 U	25 U	25 U	0.43	25 U	1.5	25 U	1.8	25 U
CADMIUM	25 U	25 U	25 U	0.54	25 U	0.11 B	25 U	0.25 B	25 U
CALCIUM						3050		3550	
CHROMIUM	25 U	25 U	25 U	33.8	25 U	26.9	25 U	28.5	25 U
COBALT				7.1		6 B		7.2 B	
COPPER	25 U	25 U	25 U	16.8	25 U	20.5	32	24.8	25 U
IRON						10400 J		11400 J	
LEAD	25 U	25 U	25 U	23.8	25 U	17.5 EJ	25 U	38 EJ	26
MAGNESIUM						2570		2610	
MANGANESE						158		185	
MERCURY	25 U	25 U	25 U	0.12 U	25 U	0.17 U	25 U	0.17 U	25 U
MOLYBDENUM				1.2 U		2.7 U		2.8 U	
NICKEL	29	29	28	29.1	25	27.2	60	28.6	46
POTASSIUM						1030 B		954 B	
SELENIUM				0.3 U		0.59 U		0.61 U	
SILVER	25 U	25 U	25 U	0.59 U	25 U	0.44 U	25 U	0.53 U	25 U
SODIUM						215 B		189 B	
THALLIUM				0.3 U		3.1		3.7	
TITANIUM									
VANADIUM				27.3		26.4		28.9	
ZINC	27	39	33	41.5	25 U	50.4	47	56.7	30

Notes:

MG/KG Milligrams per kilogram

TABLE E-41: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	146-SS-001	147-SS-001	147-SS-002	147-SS-003	147-SS-004	210-IW-001	210-IW-003
Sample Code	146M-001M	147M-001M	147M-002M	147M-003M	147M-004M	210I-001	210I-003
Sampling Date	2/9/1995	2/9/1995	2/9/1995	5/24/1995	2/9/1995	1/5/1995	1/5/1995
Sampling Depth (feet bgs)	3 - 4	2 - 2.5	7 - 8	5.5 - 6.5	6 - 7	3 - 3.5	5 - 5.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte							
BENZENE							
DIESEL RANGE ORGANICS	50 U	50 U	50 U	2000	50 U	11 U	960 YJ
ETHYLBENZENE							
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	45	50 U	0.56 U	320 ZJ
JET FUEL							
JP5 RANGE ORGANICS							
KEROSENE RANGE ORGANICS							
MOTOR OIL RANGE ORGANICS				1500 U		200 YJ	23 U
OTHER HEAVY TPH COMPONENTS							
OTHER TPH COMPONENTS, TOTAL							
TOLUENE							
XYLENE (TOTAL)							

Notes:

MG/KG Miligrams per kilogram

TABLE E-42: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	146-SS-001	147-SS-001	147-SS-002	147-SS-003	147-SS-004	210-IW-001	210-IW-003
Sample Code	146M-001	147M-001	147M-002	147M-003	147M-004	210I-001	210I-003
Sampling Date	2/9/1995	2/9/1995	2/9/1995	5/24/1995	2/9/1995	1/5/1995	1/5/1995
Sampling Depth (feet bgs)	3 - 4	2 - 2.5	7 - 8	5.5 - 6.5	6 - 7	3 - 3.5	5 - 5.5
Units*	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte							
AMMONIA							
CATION EXCHANGE CAPACITY							
CHLORIDE							
CYANIDE		0.34 UJ	0.4 UJ	0.12 UNJ	0.39 UJ	0.26 U	0.31 U
IGNITABILITY							
NITRATE							
PERCENT MOISTURE, %MST	16	8	17	15	14	10	14
PH, UNITS	8.3	8.7	8.9	7.4	8.3	8.4	7.9
PHOSPHATE							
PHOSPHORUS							
SULFATE							
SULFIDE		27 JU	30.3 JU	29.4 UJ	29.1 JU	27.7 UJ	28.9 UJ
TOTAL KJELDAHL NITROGEN							

Notes:

*	Unless otherwise noted
%MST	Percent moisture
MG/KG	Miligrams per kilogram

SITE 13
REMEDIAL INVESTIGATIONS

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-6	BOR-6	BOR-6	BOR-6	BOR-6
Sample ID	BOR-6 [0.5-1.0]	BOR-6 [11.5-12.0]	BOR-6 [14.5-15.0]	BOR-6 [6.0-6.5]	BOR-6 [8.5-9.0]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	.5 - 1	11.5 - 12	14.5 - 15	6 - 6.5	8.5 - 9
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
2,4,5-T					
2,4,5-TP (SILVEX)					
2,4-D					
2,4-DB					
4,4'-DDD	100 U	2.6 U	2.4 U	2.3 U	2.4 U
4,4'-DDE	100 U	2.6 U	2.4 U	2.3 U	2.4 U
4,4'-DDT	100 U	2.6 U	2.4 U	2.3 U	2.4 U
ALDRIN	53 U	1.3 U	1.2 U	1.2 U	1.2 U
ALPHA-BHC	53 U	1.3 U	1.2 U	1.2 U	1.2 U
ALPHA-CHLORDANE					
AROCLOR-1016	1300 U	33 U	30 U	29 U	30 U
AROCLOR-1221	1300 U	33 U	30 U	29 U	30 U
AROCLOR-1232	1300 U	33 U	30 U	29 U	30 U
AROCLOR-1242	1300 U	33 U	30 U	29 U	30 U
AROCLOR-1248	1300 U	33 U	30 U	29 U	30 U
AROCLOR-1254	2600 U	65 U	60 U	58 U	61 U
AROCLOR-1260	2600 U	65 U	60 U	58 U	61 U
AZINPHOS-METHYL					
BETA-BHC	53 U	1.3 U	1.2 U	1.2 U	1.2 U
CHLORDANE	530 U	13 U	12 U	12 U	12 U
DALAPON; 2,2-DICHLOROPROPANOIC					
DELTA-BHC	53 U	1.3 U	1.2 U	1.2 U	1.2 U
DEMETON					
DIAZINON					
DICAMBA					
DICHLORPROP					
DIELDRIN	100 U	2.6 U	2.4 U	2.3 U	2.4 U
DINOSEB					
DISULFOTON					
ENDOSULFAN I	100 U	2.6 U	2.4 U	2.3 U	2.4 U
ENDOSULFAN II	100 U	2.6 U	2.4 U	2.3 U	2.4 U
ENDOSULFAN SULFATE	100 U	2.6 U	2.4 U	2.3 U	2.4 U
ENDRIN	100 U	2.6 U	2.4 U	2.3 U	2.4 U
ENDRIN ALDEHYDE	100 U	2.6 U	2.4 U	2.3 U	2.4 U
ENDRIN KETONE					
ETHION					
ETHYL PARATHION					
GAMMA-BHC (LINDANE)	53 U	1.3 U	1.2 U	1.2 U	1.2 U
GAMMA-CHLORDANE					
HEPTACHLOR	53 U	1.3 U	1.2 U	1.2 U	1.2 U
HEPTACHLOR EPOXIDE	53 U	1.3 U	1.2 U	1.2 U	1.2 U
MALATHION					
MCPA					
MCPP					
METHOXYCHLOR	260 U	6.5 U	6 U	5.8 U	6.1 U
METHYL PARATHION					
TOXAPHENE	2600 U	65 U	60 U	58 U	61 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-7	BOR-7	BOR-7	BOR-7	BOR-7
Sample ID	BOR-7 [0.5-1.0]	BOR-7 [14.5-15.0]	BOR-7 [2.0-2.5]	BOR-7 [3.5-4.0]	BOR-7 [9.0-9.5]
Sampling Date	7/5/1990	7/10/1990	7/5/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	.5 - 1	14.5 - 15	2 - 2.5	3.5 - 4	9 - 9.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
2,4,5-T					
2,4,5-TP (SILVEX)					
2,4-D					
2,4-DB					
4,4'-DDD	10 U	2.4 U	2.1 U	2.3 U	2.4 U
4,4'-DDE	10 U	2.4 U	2.1 U	2.3 U	2.4 U
4,4'-DDT	10 U	2.4 U	2.1 U	2.3 U	2.4 U
ALDRIN	5.1 U	1.2 U	1.1 U	1.2 U	1.2 U
ALPHA-BHC	5.1 U	1.2 U	1.1 U	1.2 U	1.2 U
ALPHA-CHLORDANE					
AROCLOR-1016	130 U	31 U	26 U	29 U	
AROCLOR-1221	130 U	31 U	26 U	29 U	
AROCLOR-1232	130 U	31 U	26 U	29 U	
AROCLOR-1242	130 U	31 U	26 U	29 U	
AROCLOR-1248	130 U	31 U	26 U	29 U	
AROCLOR-1254	260 U	61 U	53 U	57 U	
AROCLOR-1260	260 U	61 U	53 U	57 U	
AZINPHOS-METHYL					
BETA-BHC	5.1 U	1.2 U	1.1 U	1.2 U	1.2 U
CHLORDANE	51 U	12 U	11 U	12 U	
DALAPON; 2,2-DICHLOROPROPANOIC					
DELTA-BHC	5.1 U	1.2 U	1.1 U	1.2 U	1.2 U
DEMETON					
DIAZINON					
DICAMBA					
DICHLORPROP					
DIELDRIN	10 U	2.4 U	2.1 U	2.3 U	2.4 U
DINOSEB					
DISULFOTON					
ENDOSULFAN I	10 U	2.4 U	2.1 U	2.3 U	2.4 U
ENDOSULFAN II	10 U	2.4 U	2.1 U	2.3 U	2.4 U
ENDOSULFAN SULFATE	10 U	2.4 U	2.1 U	2.3 U	2.4 U
ENDRIN	10 U	2.4 U	2.1 U	2.3 U	2.4 U
ENDRIN ALDEHYDE	10 U	2.4 U	2.1 U	2.3 U	2.4 U
ENDRIN KETONE					
ETHION					
ETHYL PARATHION					
GAMMA-BHC (LINDANE)	5.1 U	1.2 U	1.1 U	1.2 U	
GAMMA-CHLORDANE					
HEPTACHLOR	5.1 U	1.2 U	1.1 U	1.2 U	1.2 U
HEPTACHLOR EPOXIDE	5.1 U	1.2 U	1.1 U	1.2 U	1.2 U
MALATHION					
MCPA					
MCPP					
METHOXYCHLOR	26 U	6.1 U	5.3 U	5.7 U	6 U
METHYL PARATHION					
TOXAPHENE	260 U	61 U	53 U	57 U	

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-8	BOR-8	BOR-8	BOR-8	BOR-8
Sample ID	BOR-8 [1.0-1.5]	BOR-8 [10.5-11.0]	BOR-8 [12.5-13.0]	BOR-8 [3.5-4.0]	BOR-8 [6.5-7.0]
Sampling Date	7/16/1990	7/16/1990	7/16/1990	7/16/1990	7/16/1990
Sampling Depth (feet bgs)	1 - 1.5	10.5 - 11	12.5 - 13	3.5 - 4	6.5 - 7
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
2,4,5-T					
2,4,5-TP (SILVEX)					
2,4-D					
2,4-DB					
4,4'-DDD	2.1 U	9.3	4.5	2.1 U	2.4 U
4,4'-DDE	2.1 U	35	31	2.1 U	2.4 U
4,4'-DDT	2.1 U	12	11	2.1 U	2.4 U
ALDRIN	1.1 U	1.2 U	1.2 U	1.1 U	1.2 U
ALPHA-BHC	1.1 U	1.2 U	1.2 U	1.1 U	1.2 U
ALPHA-CHLORDANE					
AROCLOR-1016	27 U	30 U	30 U	27 U	30 U
AROCLOR-1221	27 U	30 U	30 U	27 U	30 U
AROCLOR-1232	27 U	30 U	30 U	27 U	30 U
AROCLOR-1242	27 U	30 U	30 U	27 U	30 U
AROCLOR-1248	27 U	30 U	30 U	27 U	30 U
AROCLOR-1254	53 U	60 U	60 U	53 U	61 U
AROCLOR-1260	53 U	60 U	60 U	53 U	61 U
AZINPHOS-METHYL					
BETA-BHC	1.1 U	3.5	1.2 U	1.1 U	1.2 U
CHLORDANE	11 U	12 U	12 U	11 U	12 U
DALAPON; 2,2-DICHLOROPROPANOIC					
DELTA-BHC	1.1 U	1.2 U	1.2 U	1.1 U	1.2 U
DEMETON					
DIAZINON					
DICAMBA					
DICHLORPROP					
DIELDRIN	2.1 U	2.4 U	2.4 U	2.1 U	2.4 U
DINOSEB					
DISULFOTON					
ENDOSULFAN I	2.1 U	2.4 U	2.4 U	2.1 U	2.4 U
ENDOSULFAN II	2.1 U	2.4 U	2.4 U	2.1 U	2.4 U
ENDOSULFAN SULFATE	2.1 U	2.4 U	2.4 U	2.1 U	2.4 U
ENDRIN	2.1 U	2.4 U	2.4 U	2.1 U	2.4 U
ENDRIN ALDEHYDE	2.1 U	2.4 U	2.4 U	2.1 U	2.4 U
ENDRIN KETONE					
ETHION					
ETHYL PARATHION					
GAMMA-BHC (LINDANE)	1.1 U	1.2 U	1.2 U	1.1 U	1.2 U
GAMMA-CHLORDANE					
HEPTACHLOR	1.1 U	1.2 U	1.2 U	1.1 U	1.2 U
HEPTACHLOR EPOXIDE	1.1 U	1.2 U	1.2 U	1.1 U	1.2 U
MALATHION					
MCPA					
MCPP					
METHOXYCHLOR	5.3 U	6 U	6 U	5.3 U	6.1 U
METHYL PARATHION					
TOXAPHENE	53 U	60 U	60 U	53 U	61 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-9	BOR-9	BOR-9	BOR-9	BOR-9
Sample ID	BOR-9 [0.5-1.0]	BOR-9 [11.5-12.0]	BOR-9 [14.5-15.0]	BOR-9 [2.5-3.0]	BOR-9 [7.0-7.5]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	.5 - 1	11.5 - 12	14.5 - 15	2.5 - 3	7 - 7.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
2,4,5-T					
2,4,5-TP (SILVEX)					
2,4-D					
2,4-DB					
4,4'-DDD	2.1 U	2.3 U	2.4 U	2.2 U	2.3 U
4,4'-DDE	2.1 U	2.3 U	2.4 U	2.2 U	2.3 U
4,4'-DDT	2.1	2.3 U	2.4 U	2.2 U	2.3 U
ALDRIN	1 U	1.2 U	1.2 U	1.1 U	1.2 U
ALPHA-BHC	1 U	1.2 U	1.2 U	1.1 U	1.2 U
ALPHA-CHLORDANE					
AROCLOR-1016	26 U	29 U	30 U	28 U	29 U
AROCLOR-1221	26 U	29 U	30 U	28 U	29 U
AROCLOR-1232	26 U	29 U	30 U	28 U	29 U
AROCLOR-1242	26 U	29 U	30 U	28 U	29 U
AROCLOR-1248	26 U	29 U	30 U	28 U	29 U
AROCLOR-1254	52 U	58 U	60 U	55 U	58 U
AROCLOR-1260	52 U	58 U	60 U	55 U	58 U
AZINPHOS-METHYL					
BETA-BHC	1 U	1.2 U	1.2 U	1.1 U	1.2 U
CHLORDANE	10 U	12 U	12 U	11 U	12 U
DALAPON; 2,2-DICHLOROPROPANOIC					
DELTA-BHC	1 U	1.2 U	1.2 U	1.1 U	1.2 U
DEMETON					
DIAZINON					
DICAMBA					
DICHLORPROP					
DIELDRIN	2.1 U	2.3 U	2.4 U	2.2 U	2.3 U
DINOSEB					
DISULFOTON					
ENDOSULFAN I	2.1 U	2.3 U	2.4 U	2.2 U	2.3 U
ENDOSULFAN II	2.1 U	2.3 U	2.4 U	2.2 U	2.3 U
ENDOSULFAN SULFATE	2.1 U	2.3 U	2.4 U	2.2 U	2.3 U
ENDRIN	2.1 U	2.3 U	2.4 U	2.2 U	2.3 U
ENDRIN ALDEHYDE	2.1 U	2.3 U	2.4 U	2.2 U	2.3 U
ENDRIN KETONE					
ETHION					
ETHYL PARATHION					
GAMMA-BHC (LINDANE)	1 U	1.2 U	1.2 U	1.1 U	1.2 U
GAMMA-CHLORDANE					
HEPTACHLOR	1 U	1.2 U	1.2 U	1.1 U	1.2 U
HEPTACHLOR EPOXIDE		1.2 U	1.2 U	1.1 U	1.2 U
MALATHION					
MCPA					
MCPP					
METHOXYCHLOR	5.2 U	5.8 U	6 U	5.5 U	5.8 U
METHYL PARATHION					
TOXAPHENE	52 U	58 U	60 U	55 U	58 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-10	BOR-10	BOR-10	BOR-10
Sample ID	BOR-10 [0.5-1.0]	BOR-10 [11.5-12.0]	BOR-10 [14.5-15.0]	BOR-10 [4.0-4.5]
Sampling Date	7/12/1990	7/12/1990	7/12/1990	7/12/1990
Sampling Depth (feet bgs)	.5 - 1	11.5 - 12	14.5 - 15	4 - 4.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	160 U	470 U	19 U	17 U
4,4'-DDE	160 U	470 U	19 U	17 U
4,4'-DDT	160 U	470 U	19 U	17 U
ALDRIN	82 U	240 U	9 U	9 U
ALPHA-BHC	82 U	240 U	9 U	9 U
ALPHA-CHLORDANE	820 U	2400 U	90 U	90 U
AROCLOR-1016	820 U	2400 U	90 U	90 U
AROCLOR-1221	820 U	2400 U	90 U	90 U
AROCLOR-1232	820 U	2400 U	90 U	90 U
AROCLOR-1242	820 U	2400 U	90 U	90 U
AROCLOR-1248	820 U	2400 U	90 U	90 U
AROCLOR-1254	1600 U	4700 U	190 U	170 U
AROCLOR-1260	1600 U	4700 U	190 U	170 U
AZINPHOS-METHYL				
BETA-BHC	82 U	240 U	9 U	9 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	82 U	240 U	9 U	9 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	160 U	470 U	19 U	17 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	82 U	240 U	9 U	9 U
ENDOSULFAN II	160 U	470 U	19 U	17 U
ENDOSULFAN SULFATE	160 U	470 U	19 U	17 U
ENDRIN	160 U	470 U	19 U	17 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	160 U	470 U	19 U	17 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	82 U	240 U	9 U	9 U
GAMMA-CHLORDANE	820 U	2400 U	90 U	90 U
HEPTACHLOR	82 U	240 U	9 U	9 U
HEPTACHLOR EPOXIDE	82 U	240 U	9 U	9 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	820 U	2400 U	90 U	90 U
METHYL PARATHION				
TOXAPHENE	1600 U	4700 U	190 U	170 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-10	BOR-11	BOR-11	BOR-11
Sample ID	BOR-10 [8.0-8.5]	BOR-11 [0.5-1.0]	BOR-11 [11.5-12.0]	BOR-11 [14.5-15.0]
Sampling Date	7/12/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	8 - 8.5	.5 - 1	11.5 - 12	14.5 - 15
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	39 U	76 U	89 U	8.8 U
4,4'-DDE	39 U	28 U	32 U	3.2 U
4,4'-DDT	39 U	82 U	96 U	9.5 U
ALDRIN	20 U	28 U	32 U	3.2 U
ALPHA-BHC	20 U	21 U	24 U	2.4 U
ALPHA-CHLORDANE	200 U	34 U	40 U	3.9 U
AROCLOR-1016	200 U	330 U	380 U	38 U
AROCLOR-1221	200 U	820 U	960 U	95 U
AROCLOR-1232	200 U	820 U	960 U	95 U
AROCLOR-1242	200 U	330 U	380 U	38 U
AROCLOR-1248	200 U	160 U	190 U	19 U
AROCLOR-1254	390 U	160 U	190 U	19 U
AROCLOR-1260	390 U	160 U	190 U	19 U
AZINPHOS-METHYL				
BETA-BHC	20 U	41 U	48 U	4.7 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	20 U	41 U	48 U	4.7 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	39 U	13 U	16 U	1.5 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	20 U	41 U	48 U	4.7 U
ENDOSULFAN II	39 U	28 U	32 U	3.2 U
ENDOSULFAN SULFATE	39 U	82 U	96 U	9.5 U
ENDRIN	39 U	41 U		4.7 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	39 U	82 U	96 U	9.5 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	20 U	28 U	32 U	3.2 U
GAMMA-CHLORDANE	200 U	34 U	40 U	3.9 U
HEPTACHLOR	20 U	21 U		2.4 U
HEPTACHLOR EPOXIDE	20 U	41 U	48 U	4.7 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	200 U	160 U	190 U	19 U
METHYL PARATHION				
TOXAPHENE	390 U	690 U	800 U	79 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-11	BOR-11	BOR-13	BOR-13
Sample ID	BOR-11 [3.5-4.0]	BOR-11 [7.0-7.5]	BOR-13 [0.5-1.0]	BOR-13 [11.5-12.0]
Sampling Date	7/18/1990	7/18/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	3.5 - 4	7 - 7.5	.5 - 1	11.5 - 12
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	7.8 U	8.9 U	41 U	2.4 U
4,4'-DDE	2.8 U	3.2 U	41 U	2.4 U
4,4'-DDT	8.4 U	9.6 U	41 U	2.4 U
ALDRIN	2.8 U	3.2 U	20 U	1.2 U
ALPHA-BHC	2.1 U	2.4 U	20 U	1.2 U
ALPHA-CHLORDANE	3.5 U	4 U		
AROCLOR-1016	34 U	38 U	510 U	30 U
AROCLOR-1221	84 U	96 U	510 U	30 U
AROCLOR-1232	84 U	96 U	510 U	30 U
AROCLOR-1242	34 U	38 U	510 U	30 U
AROCLOR-1248	17 U	19 U	510 U	30 U
AROCLOR-1254	17 U	19 U	1000 U	60 U
AROCLOR-1260	17 U	19 U	1000 U	60 U
AZINPHOS-METHYL				
BETA-BHC	4.2 U	4.8 U	20 U	1.2 U
CHLORDANE			200 U	12 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.2 U	4.8 U	20 U	1.2 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.4 U	1.6 U	41 U	2.4 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.2 U	4.8 U	41 U	2.4 U
ENDOSULFAN II	2.8 U	3.2 U	41 U	2.4 U
ENDOSULFAN SULFATE	8.4 U	9.6 U	41 U	2.4 U
ENDRIN	4.2 U		41 U	2.4 U
ENDRIN ALDEHYDE			41 U	2.4 U
ENDRIN KETONE	8.4 U	9.6 U		
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	2.8 U	3.2 U	20 U	1.2 U
GAMMA-CHLORDANE	3.5 U	4 U		
HEPTACHLOR	2.1 U		20 U	1.2 U
HEPTACHLOR EPOXIDE	4.2 U	4.8 U	20 U	1.2 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	17 U	19 U	100 U	6 U
METHYL PARATHION				
TOXAPHENE	70 U	81 U	1000 U	60 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-13	BOR-13	BOR-13	BOR-14
Sample ID	BOR-13 [14.5-15.0]	BOR-13 [2.5-3.0]	BOR-13 [7.0-7.5]	BOR-14 [0.0-0.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	5/23/1990
Sampling Depth (feet bgs)	14.5 - 15	2.5 - 3	7 - 7.5	0 - 0.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	2.5 U	2.1 U	13 U	22 U
4,4'-DDE	2.5 U	2.1 U	13 U	22 U
4,4'-DDT	2.5 U	2.1 U	13 U	22 U
ALDRIN	1.2 U	1 U	6.3 U	11 U
ALPHA-BHC	1.2 U	1 U	6.3 U	11 U
ALPHA-CHLORDANE				
AROCLOR-1016	31 U	26 U	160 U	270 U
AROCLOR-1221	31 U	26 U	160 U	270 U
AROCLOR-1232	31 U	26 U	160 U	270 U
AROCLOR-1242	31 U	26 U	160 U	270 U
AROCLOR-1248	31 U	26 U	160 U	270 U
AROCLOR-1254	62 U	53 U	320 U	540 U
AROCLOR-1260	62 U	53 U	320 U	540 U
AZINPHOS-METHYL				
BETA-BHC	1.2 U	1 U	6.3 U	11 U
CHLORDANE	12 U	10 U	63 U	110 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.2 U	1 U	6.3 U	11 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.5 U	2.1 U	13 U	22 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.5 U	2.1 U	13 U	22 U
ENDOSULFAN II	2.5 U	2.1 U	13 U	22 U
ENDOSULFAN SULFATE	2.5 U	2.1 U	13 U	22 U
ENDRIN	2.5 U	2.1 U	13 U	22 U
ENDRIN ALDEHYDE	2.5 U	2.1 U	13 U	22 U
ENDRIN KETONE				
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.2 U	1 U	6.3 U	11 U
GAMMA-CHLORDANE				
HEPTACHLOR	1.2 U	1 U	6.3 U	11 U
HEPTACHLOR EPOXIDE	1.2 U	1 U	6.3 U	11 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	6.2 U	5.3 U	32 U	54 U
METHYL PARATHION				
TOXAPHENE	62 U	53 U	320 U	540 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-14	BOR-14	BOR-14	BOR-15
Sample ID	BOR-14 [14.0-14.5]	BOR-14 [4.0-4.5]	BOR-14 [8.5-9.0]	BOR-15 [0.5-1.0]
Sampling Date	5/23/1990	5/23/1990	5/23/1990	7/18/1990
Sampling Depth (feet bgs)	14 - 14.5	4 - 4.5	8.5 - 9	.5 - 1
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	26 U	25 U	12 U	76 U
4,4'-DDE	26 U	25 U	12 U	28 U
4,4'-DDT	26 U	25 U	12 U	82 U
ALDRIN	13 U	12 U	6.2 U	28 U
ALPHA-BHC	13 U	12 U	6.2 U	20 U
ALPHA-CHLORDANE				34 U
AROCLOR-1016	320 U	310 U	160 U	330 U
AROCLOR-1221	320 U	310 U	160 U	820 U
AROCLOR-1232	320 U	310 U	160 U	820 U
AROCLOR-1242	320 U	310 U	160 U	330 U
AROCLOR-1248	320 U	310 U	160 U	160 U
AROCLOR-1254	640 U	630 U	310 U	160 U
AROCLOR-1260	640 U	630 U	310 U	160 U
AZINPHOS-METHYL				
BETA-BHC	13 U	12 U	6.2 U	41 U
CHLORDANE	130 U	120 U	62 U	
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	13 U	12 U	6.2 U	41 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	26 U	25 U	12 U	13 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	26 U	25 U	12 U	41 U
ENDOSULFAN II	26 U	25 U	12 U	28 U
ENDOSULFAN SULFATE	26 U	25 U	12 U	82 U
ENDRIN	26 U	25 U	12 U	41 U
ENDRIN ALDEHYDE	26 U	25 U	12 U	
ENDRIN KETONE				82 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	13 U	12 U	6.2 U	28 U
GAMMA-CHLORDANE				34 U
HEPTACHLOR	13 U	12 U	6.2 U	20 U
HEPTACHLOR EPOXIDE	13 U	12 U	6.2 U	41 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	64 U	63 U	31 U	160 U
METHYL PARATHION				
TOXAPHENE	640 U	630 U	310 U	680 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-15	BOR-15	BOR-15	BOR-15
Sample ID	BOR-15 [11.5-12.0]	BOR-15 [14.5-15.0]	BOR-15 [2.5-3.0]	BOR-15 [7.0-7.5]
Sampling Date	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	11.5 - 12	14.5 - 15	2.5 - 3	7 - 7.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	8.7 U	9.1 U	8.1 U	9.3 U
4,4'-DDE	3.2 U	3.3 U	3 U	3.4 U
4,4'-DDT	9.4 U	9.8 U	8.8 U	10 U
ALDRIN	3.2 U	3.3 U	3 U	3.4 U
ALPHA-BHC	2.4 U	2.4 U	2.2 U	2.5 U
ALPHA-CHLORDANE	3.9 U	4 U	3.6 U	4.1 U
AROCLOR-1016	38 U	39 U	35 U	40 U
AROCLOR-1221	94 U	98 U	88 U	100 U
AROCLOR-1232	94 U	98 U	88 U	100 U
AROCLOR-1242	38 U	39 U	35 U	40 U
AROCLOR-1248	19 U	20 U	18 U	20 U
AROCLOR-1254	19 U	20 U	18 U	20 U
AROCLOR-1260	19 U	20 U	18 U	20 U
AZINPHOS-METHYL				
BETA-BHC	4.7 U	4.9 U	4.4 U	5 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.7 U	4.9 U	4.4 U	5 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.5 U	1.6 U	1.4 U	1.6 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.7 U	4.9 U	4.4 U	5 U
ENDOSULFAN II	3.2 U	3.3 U	3 U	3.4 U
ENDOSULFAN SULFATE	9.4 U	9.8 U	8.8 U	10 U
ENDRIN	4.7 U	4.9 U	4.4 U	5 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	9.4 U	9.8 U	8.8 U	10 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	3.2 U	3.3 U	3 U	3.4 U
GAMMA-CHLORDANE	3.9 U	4 U	3.6 U	4.1 U
HEPTACHLOR	2.4 U	2.4 U	2.2 U	2.5 U
HEPTACHLOR EPOXIDE	4.7 U	4.9 U	4.4 U	5 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	19 U	20 U	18 U	20 U
METHYL PARATHION				
TOXAPHENE	79 U	82 U	74 U	84 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-16	BOR-16	BOR-16	BOR-16
Sample ID	BOR-16 [0.5-1.0]	BOR-16 [11.5-12.0]	BOR-16 [14.5-15.0]	BOR-16 [2.5-3.0]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	.5 - 1	11.5 - 12	14.5 - 15	2.5 - 3
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	2.2 U	2.4 U	2.5 U	2.1 U
4,4'-DDE	31	2.4 U	2.5 U	3.7
4,4'-DDT	160	2.4 U	2.5 U	2.1 U
ALDRIN	1.1 U	1.2 U	1.2 U	1.1 U
ALPHA-BHC	1.1 U	1.2 U	1.2 U	1.1 U
ALPHA-CHLORDANE				
AROCLOR-1016	27 U	30 U	31 U	26 U
AROCLOR-1221	27 U	30 U	31 U	26 U
AROCLOR-1232	27 U	30 U	31 U	26 U
AROCLOR-1242	27 U	30 U	31 U	26 U
AROCLOR-1248	27 U	30 U	31 U	26 U
AROCLOR-1254	54 U	60 U	63 U	53 U
AROCLOR-1260	54 U	60 U	63 U	53 U
AZINPHOS-METHYL				
BETA-BHC	1.1 U	1.2 U	1.2 U	1.1 U
CHLORDANE	11 U	12 U	12 U	11 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.1 U	1.2 U	1.2 U	1.1 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.2 U	2.4 U	2.5 U	2.1 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.2 U	2.4 U	2.5 U	2.1 U
ENDOSULFAN II	2.2 U	2.4 U	2.5 U	2.1 U
ENDOSULFAN SULFATE	2.2 U	2.4 U	2.5 U	2.1 U
ENDRIN	2.2 U	2.4 U	2.5 U	2.1 U
ENDRIN ALDEHYDE	2.2 U	2.4 U	2.5 U	2.1 U
ENDRIN KETONE				
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.1 U	1.2 U	1.2 U	1.1 U
GAMMA-CHLORDANE				
HEPTACHLOR	1.1 U	1.2 U	1.2 U	1.1 U
HEPTACHLOR EPOXIDE	5.4	1.2 U	1.2 U	
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	5.4 U	6 U	6.3 U	5.3 U
METHYL PARATHION				
TOXAPHENE	54 U	60 U	63 U	53 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-16	BOR-17	BOR-17	BOR-17
Sample ID	BOR-16 [7.0-7.5]	BOR-17 [11.0-11.5]	BOR-17 [14.5-15.0]	BOR-17 [2.0-2.5]
Sampling Date	7/23/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	7 - 7.5	11 - 11.5	14.5 - 15	2 - 2.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	2.4 U	2.4 U	2.4 U	2.1 U
4,4'-DDE	2.4 U	2.4 U	2.4 U	2.1 U
4,4'-DDT	2.4 U	2.4 U	2.4 U	2.1 U
ALDRIN	1.2 U	1.2 U	1.2 U	1 U
ALPHA-BHC	1.2 U	1.2 U	1.2 U	1 U
ALPHA-CHLORDANE				
AROCLOR-1016	30 U	30 U	30 U	26 U
AROCLOR-1221	30 U	30 U	30 U	26 U
AROCLOR-1232	30 U	30 U	30 U	26 U
AROCLOR-1242	30 U	30 U	30 U	26 U
AROCLOR-1248	30 U	30 U	30 U	26 U
AROCLOR-1254	60 U	59 U	60 U	52 U
AROCLOR-1260	60 U	59 U	60 U	52 U
AZINPHOS-METHYL				
BETA-BHC	1.2 U	1.2 U	1.2 U	1 U
CHLORDANE	12 U	12 U	12 U	10 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.2 U	1.2 U	1.2 U	1 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.4 U	2.4 U	2.4 U	2.1 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.4 U	2.4 U	2.4 U	2.1 U
ENDOSULFAN II	2.4 U	2.4 U	2.4 U	2.1 U
ENDOSULFAN SULFATE	2.4 U	2.4 U	2.4 U	2.1 U
ENDRIN	2.4 U	2.4 U	2.4 U	2.1 U
ENDRIN ALDEHYDE	2.4 U	2.4 U	2.4 U	2.1 U
ENDRIN KETONE				
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.2 U	1.2 U	1.2 U	1 U
GAMMA-CHLORDANE				
HEPTACHLOR	1.2 U	1.2 U	1.2 U	1 U
HEPTACHLOR EPOXIDE	1.2 U	1.2 U	1.2 U	1 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	6 U	5.9 U	6 U	5.2 U
METHYL PARATHION				
TOXAPHENE	60 U	59 U	60 U	52 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-17	BOR-17	BOR-17	BOR-18
Sample ID	BOR-17 [4.0-4.5]	BOR-17 [8.0-8.5]	BOR-17R [10.5-11.0]	BOR-18 [0.5-1.0]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/23/1990
Sampling Depth (feet bgs)	4 - 4.5	8 - 8.5	10.5 - 11	.5 - 1
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	2.2 U	2.4 U	2.3 U	2.4 U
4,4'-DDE	2.2 U	2.4 U	2.3 U	2.4 U
4,4'-DDT	6.6	2.4 U	2.3 U	2.4 U
ALDRIN	1.1 U	1.2 U	1.2 U	1.2 U
ALPHA-BHC	1.1 U	1.2 U	1.2 U	1.2 U
ALPHA-CHLORDANE				
AROCLOR-1016	27 U	30 U	29 U	30 U
AROCLOR-1221	27 U	30 U	29 U	30 U
AROCLOR-1232	27 U	30 U	29 U	30 U
AROCLOR-1242	27 U	30 U	29 U	30 U
AROCLOR-1248	27 U	30 U	29 U	30 U
AROCLOR-1254	55 U	60 U	58 U	61 U
AROCLOR-1260	55 U	60 U	58 U	61 U
AZINPHOS-METHYL				
BETA-BHC	1.1 U	1.2 U	1.2 U	1.2 U
CHLORDANE	11 U	12 U	12 U	12 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.1 U	1.2 U	1.2 U	1.2 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.2 U	2.4 U	2.3 U	2.4 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.2 U	2.4 U	2.3 U	2.4 U
ENDOSULFAN II	2.2 U	2.4 U	2.3 U	2.4 U
ENDOSULFAN SULFATE	2.2 U	2.4 U	2.3 U	2.4 U
ENDRIN	2.2 U	2.4 U	2.3 U	2.4 U
ENDRIN ALDEHYDE	2.2 U	2.4 U	2.3 U	2.4 U
ENDRIN KETONE				
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.1 U	1.2 U	1.2 U	1.2 U
GAMMA-CHLORDANE				
HEPTACHLOR	1.1 U	1.2 U	1.2 U	1.2 U
HEPTACHLOR EPOXIDE		1.2 U	1.2 U	1.2 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	5.5 U	6 U	5.8 U	6.1 U
METHYL PARATHION				
TOXAPHENE	55 U	60 U	58 U	61 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-18	BOR-18	BOR-18	BOR-18
Sample ID	BOR-18 [11.5-12.0]	BOR-18 [14.5-15.0]	BOR-18 [4.0-4.5]	BOR-18 [7.5-8.0]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	11.5 - 12	14.5 - 15	4 - 4.5	7.5 - 8
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	2.4 U	2.4 U	2.4 U	2.3 U
4,4'-DDE	2.4 U	2.4 U	2.4 U	2.3 U
4,4'-DDT	2.4 U	2.4 U	2.4 U	2.3 U
ALDRIN	1.2 U	1.2 U	1.2 U	1.2 U
ALPHA-BHC	1.2 U	1.2 U	1.2 U	1.2 U
ALPHA-CHLORDANE				
AROCLOR-1016	30 U	30 U	30 U	29 U
AROCLOR-1221	30 U	30 U	30 U	29 U
AROCLOR-1232	30 U	30 U	30 U	29 U
AROCLOR-1242	30 U	30 U	30 U	29 U
AROCLOR-1248	30 U	30 U	30 U	29 U
AROCLOR-1254	60 U	61 U	59 U	59 U
AROCLOR-1260	60 U	61 U	59 U	59 U
AZINPHOS-METHYL				
BETA-BHC	1.2 U	2.4	1.2 U	1.2 U
CHLORDANE	12 U	12 U	12 U	12 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.2 U	1.2 U	1.2 U	1.2 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.4 U	2.4 U	2.4 U	2.3 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.4 U	2.4 U	2.4 U	2.3 U
ENDOSULFAN II	2.4 U	2.4 U	2.4 U	2.3 U
ENDOSULFAN SULFATE	2.4 U	2.4 U	2.4 U	2.3 U
ENDRIN	2.4 U	2.4 U	2.4 U	2.3 U
ENDRIN ALDEHYDE	2.4 U	2.4 U	2.4 U	2.3 U
ENDRIN KETONE				
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.2 U	1.2 U	1.2 U	1.2 U
GAMMA-CHLORDANE				
HEPTACHLOR	1.2 U	1.2 U	1.2 U	1.2 U
HEPTACHLOR EPOXIDE	1.2 U		1.2 U	1.2 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	6 U	6.1 U	5.9 U	5.9 U
METHYL PARATHION				
TOXAPHENE	60 U	61 U	59 U	59 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-19	BOR-19	BOR-19	BOR-19
Sample ID	BOR-19 [0.5-1.0]	BOR-19 [11.5-12.0]	BOR-19 [14.5-15.0]	BOR-19 [3.5-4.0]
Sampling Date	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	.5 - 1	11.5 - 12	14.5 - 15	3.5 - 4
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	77 U	8.9 U	8.9 U	8.5 U
4,4'-DDE	28 U	3.3 U	3.2 U	3.1 U
4,4'-DDT	83 U	9.7 U	9.6 U	9.2 U
ALDRIN	28 U	3.3 U	3.2 U	3.1 U
ALPHA-BHC	21 U	2.4 U	2.4 U	2.3 U
ALPHA-CHLORDANE	34 U	4 U	4 U	3.8 U
AROCLOR-1016	330 U	39 U	38 U	37 U
AROCLOR-1221	830 U	97 U	96 U	92 U
AROCLOR-1232	830 U	97 U	96 U	92 U
AROCLOR-1242	330 U	39 U	38 U	37 U
AROCLOR-1248	170 U	19 U	19 U	18 U
AROCLOR-1254	170 U	19 U	19 U	18 U
AROCLOR-1260	170 U	19 U	19 U	18 U
AZINPHOS-METHYL				
BETA-BHC	42 U	4.8 U	4.8 U	4.6 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	42 U	4.8 U	4.8 U	4.6 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	14 U	1.6 U	1.6 U	1.5 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	42 U	4.8 U	4.8 U	4.6 U
ENDOSULFAN II	28 U	3.3 U	3.2 U	3.1 U
ENDOSULFAN SULFATE	83 U	9.7 U	9.6 U	9.2 U
ENDRIN	42 U	4.8 U	4.8 U	4.6 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	83 U	9.7 U	9.6 U	9.2 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	28 U	3.3 U	3.2 U	3.1 U
GAMMA-CHLORDANE	34 U	4 U	4 U	3.8 U
HEPTACHLOR	21 U	2.4 U	2.4 U	2.3 U
HEPTACHLOR EPOXIDE	42 U	4.8 U	4.8 U	4.6 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	170 U	19 U	19 U	18 U
METHYL PARATHION				
TOXAPHENE	700 U	81 U	80 U	66 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-19	BOR-19	BOR-21	BOR-21
Sample ID	BOR-19 [8.0-8.5]	BOR-19R [7.5-8.0]	BOR-21 [0.5-1.0]	BOR-21 [12.0-12.5]
Sampling Date	7/18/1990	7/23/1990	7/19/1990	7/19/1990
Sampling Depth (feet bgs)	8 - 8.5	7.5 - 8	.5 - 1	12 - 12.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	8.8 U	8.7 U	78 U	8.7 U
4,4'-DDE	3.2 U	3.2 U	29 U	3.2 U
4,4'-DDT	9.5 U	9.4 U	85 U	9.4 U
ALDRIN	3.2 U	3.2 U	29 U	3.2 U
ALPHA-BHC	2.4 U	2.4 U	21 U	2.4 U
ALPHA-CHLORDANE	3.9 U	3.9 U	35 U	3.9 U
AROCLOR-1016	38 U	38 U	340 U	38 U
AROCLOR-1221	95 U	94 U	850 U	94 U
AROCLOR-1232	95 U	94 U	850 U	94 U
AROCLOR-1242	38 U	38 U	340 U	38 U
AROCLOR-1248	19 U	19 U	170 U	19 U
AROCLOR-1254	19 U	19 U	170 U	19 U
AROCLOR-1260	19 U	19 U	170 U	19 U
AZINPHOS-METHYL				
BETA-BHC	4.8 U	4.7 U	42 U	4.7 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.8 U	4.7 U	42 U	4.7 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.5 U	1.5 U	14 U	1.5 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.8 U	4.7 U	42 U	4.7 U
ENDOSULFAN II	3.2 U	3.2 U	29 U	3.2 U
ENDOSULFAN SULFATE	9.5 U	9.4 U	85 U	9.4 U
ENDRIN	4.8 U	4.7 U	42 U	4.7 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	9.5 U	9.4 U	85 U	9.4 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	3.2 U	3.2 U	29 U	3.2 U
GAMMA-CHLORDANE	3.9 U	3.9 U	35 U	3.9 U
HEPTACHLOR	2.4 U	2.4 U	21 U	2.4 U
HEPTACHLOR EPOXIDE	4.8 U	4.7 U	42 U	4.7 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	19 U	19 U	170 U	19 U
METHYL PARATHION				
TOXAPHENE	80 U	79 U	700 U	79 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-21	BOR-21	BOR-21	BOR-24
Sample ID	BOR-21 [15.0-15.5]	BOR-21 [3.0-3.5]	BOR-21 [7.5-8.0]	BOR-24 [1.0-1.5]
Sampling Date	7/19/1990	7/19/1990	7/19/1990	7/19/1990
Sampling Depth (feet bgs)	15 - 15.5	3 - 3.5	7.5 - 8	1 - 1.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	8.9 U	7.8 U	8.9 U	79 U
4,4'-DDE	3.2 U	2.9 U	3.2 U	29 U
4,4'-DDT	9.6 U	8.5 U	9.6 U	86 U
ALDRIN	3.2 U	2.9 U	3.2 U	29 U
ALPHA-BHC	2.4 U	2.1 U	2.4 U	21 U
ALPHA-CHLORDANE	3.9 U	3.5 U	4 U	35 U
AROCLOR-1016	38 U	34 U	38 U	340 U
AROCLOR-1221	96 U	85 U	96 U	860 U
AROCLOR-1232	96 U	85 U	96 U	860 U
AROCLOR-1242	38 U	34 U	38 U	340 U
AROCLOR-1248	19 U	17 U	19 U	170 U
AROCLOR-1254	19 U	17 U	19 U	170 U
AROCLOR-1260	19 U	17 U	19 U	170 U
AZINPHOS-METHYL				
BETA-BHC	4.8 U	4.2 U	4.8 U	43 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.8 U	4.2 U	4.8 U	43 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.6 U	1.4 U	1.6 U	14 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.8 U	4.2 U	4.8 U	43 U
ENDOSULFAN II	3.2 U	2.9 U	3.2 U	29 U
ENDOSULFAN SULFATE	9.6 U	8.5 U	9.6 U	86 U
ENDRIN	4.8 U	4.2 U	4.8 U	43 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	9.6 U	8.5 U	9.6 U	86 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	3.2 U	2.9 U	3.2 U	29 U
GAMMA-CHLORDANE	3.9 U	3.5 U	4 U	35 U
HEPTACHLOR	2.4 U	2.1 U	2.4 U	21 U
HEPTACHLOR EPOXIDE	4.8 U	4.2 U	4.8 U	43 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	19 U	17 U	19 U	170 U
METHYL PARATHION				
TOXAPHENE	80 U	71 U	80 U	720 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-24	BOR-24	BOR-24	BOR-24
Sample ID	BOR-24 [11.5-12.0]	BOR-24 [14.5-15.0]	BOR-24 [3.0-3.5]	BOR-24 [7.5-8.0]
Sampling Date	7/19/1990	7/24/1990	7/19/1990	7/24/1990
Sampling Depth (feet bgs)	11.5 - 12	14.5 - 15	3 - 3.5	7.5 - 8
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	8.8 U	8.9 U	8.2 U	8.7 U
4,4'-DDE	3.2 U	3.2 U	3 U	3.2 U
4,4'-DDT	9.5 U	9.6 U	8.9 U	9.4 U
ALDRIN	3.2 U	3.2 U	3 U	3.2 U
ALPHA-BHC	2.4 U	2.4 U	2.2 U	2.3 U
ALPHA-CHLORDANE	3.9 U	4 U	3.7 U	3.9 U
AROCLOR-1016	38 U	39 U	36 U	38 U
AROCLOR-1221	95 U	96 U	89 U	94 U
AROCLOR-1232	95 U	96 U	89 U	94 U
AROCLOR-1242	38 U	39 U	36 U	38 U
AROCLOR-1248	19 U	19 U	18 U	19 U
AROCLOR-1254	19 U	19 U	18 U	19 U
AROCLOR-1260	19 U	19 U	18 U	19 U
AZINPHOS-METHYL				
BETA-BHC	4.8 U	4.8 U	4.4 U	4.7 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.8 U	4.8 U	4.4 U	4.7 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.5 U	1.6 U	1.4 U	1.5 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.8 U	4.8 U	4.4 U	4.7 U
ENDOSULFAN II	3.2 U	3.2 U	3 U	3.2 U
ENDOSULFAN SULFATE	9.5 U	9.6 U	8.9 U	9.4 U
ENDRIN	4.8 U	4.8 U	4.4 U	4.7 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	9.5 U	9.6 U	8.9 U	9.4 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	3.2 U	3.2 U	3 U	3.2 U
GAMMA-CHLORDANE	3.9 U	4 U	3.7 U	3.9 U
HEPTACHLOR	2.4 U	2.4 U	2.2 U	2.3 U
HEPTACHLOR EPOXIDE	4.8 U	4.8 U	4.4 U	4.7 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	19 U	19 U	18 U	19 U
METHYL PARATHION				
TOXAPHENE	80 U	81 U	74 U	79 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-1	MWOR-1	MWOR-1
Sample ID	MWOR-1 [1.0-1.5]	MWOR-1 [12.0-12.5]	MWOR-1 [15.0-15.5]	MWOR-1 [3.0-3.5]
Sampling Date	7/16/1990	7/16/1990	7/16/1990	7/16/1990
Sampling Depth (feet bgs)	1 - 1.5	12 - 12.5	15 - 15.5	3 - 3.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	2.1 U	2.4 U	2.3 U	2.1 U
4,4'-DDE	2.1 U	2.4 U	2.3 U	2.1 U
4,4'-DDT	2.1 U	2.4 U	2.3 U	2.1 U
ALDRIN	1 U	1.2 U	1.2 U	1.1 U
ALPHA-BHC	1 U	1.2 U	1.2 U	1.1 U
ALPHA-CHLORDANE				
AROCLOR-1016	26 U	30 U	29 U	27 U
AROCLOR-1221	26 U	30 U	29 U	27 U
AROCLOR-1232	26 U	30 U	29 U	27 U
AROCLOR-1242	26 U	30 U	29 U	27 U
AROCLOR-1248	26 U	30 U	29 U	27 U
AROCLOR-1254	52 U	60 U	58 U	54 U
AROCLOR-1260	52 U	60 U	58 U	54 U
AZINPHOS-METHYL				
BETA-BHC	1 U	1.2 U	1.2 U	1.1 U
CHLORDANE	10 U	12 U	12 U	11 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1 U	1.2 U	1.2 U	1.1 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.1 U	2.4 U	2.3 U	2.1 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.1 U	2.4 U	2.3 U	2.1 U
ENDOSULFAN II	2.1 U	2.4 U	2.3 U	2.1 U
ENDOSULFAN SULFATE	2.1 U	2.4 U	2.3 U	2.1 U
ENDRIN	2.1 U	2.4 U	2.3 U	2.1 U
ENDRIN ALDEHYDE	2.1 U	2.4 U	2.3 U	2.1 U
ENDRIN KETONE				
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1 U	1.2 U	1.2 U	1.1 U
GAMMA-CHLORDANE				
HEPTACHLOR	1 U	1.2 U	1.2 U	1.1 U
HEPTACHLOR EPOXIDE	1 U	1.2 U	1.2 U	1.1 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	5.2 U	6 U	5.8 U	5.4 U
METHYL PARATHION				
TOXAPHENE	52 U	60 U	58 U	54 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-2	MWOR-2	MWOR-2
Sample ID	MWOR-1 [7.5-8.0]	MWOR-2 [11.0-11.5]	MWOR-2 [13.0-13.5]	MWOR-2 [2.0-2.5]
Sampling Date	7/16/1990	7/17/1990	7/17/1990	7/16/1990
Sampling Depth (feet bgs)	7.5 - 8	11 - 11.5	13 - 13.5	2 - 2.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	2.3 U	2.4 U	2.5 U	2.1 U
4,4'-DDE	17	2.4 U	2.5 U	2.1 U
4,4'-DDT	14	2.4 U	3.2	2.1 U
ALDRIN	1.2 U	1.2 U	1.2 U	1.1 U
ALPHA-BHC	1.2 U	1.2 U	1.2 U	1.1 U
ALPHA-CHLORDANE				
AROCLOR-1016	29 U	30 U	31 U	26 U
AROCLOR-1221	29 U	30 U	31 U	26 U
AROCLOR-1232	29 U	30 U	31 U	26 U
AROCLOR-1242	29 U	30 U	31 U	26 U
AROCLOR-1248	29 U	30 U	31 U	26 U
AROCLOR-1254	58 U	60 U	62 U	53 U
AROCLOR-1260	58 U	60 U	62 U	53 U
AZINPHOS-METHYL				
BETA-BHC	1.2 U	1.2 U	1.2 U	1.1 U
CHLORDANE	12 U	12 U	12 U	11 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.2 U	1.2 U	1.2 U	1.1 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.3 U	2.4 U	2.5 U	2.1 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.3 U	2.4 U	2.5 U	2.1 U
ENDOSULFAN II	2.3 U	2.4 U	2.5 U	2.1 U
ENDOSULFAN SULFATE	2.3 U	2.4 U	2.5 U	2.1 U
ENDRIN	2.3 U	2.4 U	2.5 U	2.1 U
ENDRIN ALDEHYDE	2.3 U	2.4 U	2.5 U	2.1 U
ENDRIN KETONE				
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.2 U	1.2 U	1.2 U	1.1 U
GAMMA-CHLORDANE				
HEPTACHLOR	1.2 U	1.2 U	1.2 U	1.1 U
HEPTACHLOR EPOXIDE	1.2 U	1.2 U	1.2 U	1.1 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	5.8 U	6 U	6.2 U	5.3 U
METHYL PARATHION				
TOXAPHENE	58 U	60 U	62 U	53 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-2	MWOR-3	MWOR-3
Sample ID	MWOR-2 [4.0-4.5]	MWOR-2 [8.0-8.5]	MWOR-3 [11.0-11.5]	MWOR-3 [13.0-13.5]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	4 - 4.5	8 - 8.5	11 - 11.5	13 - 13.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	2.2 U	2.4 U	2.4 U	2.3 U
4,4'-DDE	2.2 U	2.4 U	2.4 U	2.3 U
4,4'-DDT	2.2 U	2.4 U	2.4 U	2.3 U
ALDRIN	1.1 U	1.2 U	1.2 U	1.2 U
ALPHA-BHC	1.1 U	1.2 U	1.2 U	1.2 U
ALPHA-CHLORDANE				
AROCLOR-1016	27 U	30 U	30 U	29 U
AROCLOR-1221	27 U	30 U	30 U	29 U
AROCLOR-1232	27 U	30 U	30 U	29 U
AROCLOR-1242	27 U	30 U	30 U	29 U
AROCLOR-1248	27 U	30 U	30 U	29 U
AROCLOR-1254	54 U	60 U	59 U	58 U
AROCLOR-1260	54 U	60 U	59 U	58 U
AZINPHOS-METHYL				
BETA-BHC	1.1 U	1.2 U	1.2 U	1.2 U
CHLORDANE	11 U	12 U	12 U	12 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.1 U	1.2 U	1.2 U	1.2 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.2 U	2.4 U	2.4 U	2.3 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.2 U	2.4 U	2.4 U	2.3 U
ENDOSULFAN II	2.2 U	2.4 U	2.4 U	2.3 U
ENDOSULFAN SULFATE	2.2 U	2.4 U	2.4 U	2.3 U
ENDRIN	2.2 U	2.4 U	2.4 U	2.3 U
ENDRIN ALDEHYDE	2.2 U	2.4 U	2.4 U	2.3 U
ENDRIN KETONE				
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.1 U	1.2 U	1.2 U	1.2 U
GAMMA-CHLORDANE				
HEPTACHLOR	1.1 U	1.2 U	1.2 U	1.2 U
HEPTACHLOR EPOXIDE	1.1 U	1.2 U	1.2 U	1.2 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	5.4 U	6 U	5.9 U	5.8 U
METHYL PARATHION				
TOXAPHENE	54 U	60 U	59 U	58 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-3	MWOR-3	MWOR-3	MWOR-4
Sample ID	MWOR-3 [2.0-2.5]	MWOR-3 [4.0-4.5]	MWOR-3 [8.0-8.5]	MWOR-4 [1.5-2.0]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/19/1990
Sampling Depth (feet bgs)	2 - 2.5	4 - 4.5	8 - 8.5	1.5 - 2
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD		2.4 U	2.3 U	8 U
4,4'-DDE	2.1 U	2.4 U	2.3 U	2.9 U
4,4'-DDT	2.1 U	2.4 U	2.3 U	8.6 U
ALDRIN	1 U	1.2 U	1.2 U	2.9 U
ALPHA-BHC	1 U	1.2 U	1.2 U	2.2 U
ALPHA-CHLORDANE				3.5 U
AROCLOR-1016	26 U	30 U	29 U	34 U
AROCLOR-1221	26 U	30 U	29 U	86 U
AROCLOR-1232	26 U	30 U	29 U	86 U
AROCLOR-1242	26 U	30 U	29 U	34 U
AROCLOR-1248	26 U	30 U	29 U	17 U
AROCLOR-1254	52 U	60 U	57 U	17 U
AROCLOR-1260	52 U	60 U	57 U	17 U
AZINPHOS-METHYL				
BETA-BHC	1 U	1.2 U	1.2 U	4.3 U
CHLORDANE	10 U	12 U	12 U	
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1 U	1.2 U	1.2 U	4.3 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.1 U	2.4 U	2.3 U	1.4 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.1 U	2.4 U	2.3 U	4.3 U
ENDOSULFAN II	2.1 U	2.4 U	2.3 U	2.9 U
ENDOSULFAN SULFATE	2.1 U	2.4 U	2.3 U	8.6 U
ENDRIN	2.1 U	2.4 U	2.3 U	4.3 U
ENDRIN ALDEHYDE	2.1 U	2.4 U	2.3 U	
ENDRIN KETONE				8.6 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1 U	1.2 U	1.2 U	2.9 U
GAMMA-CHLORDANE				3.5 U
HEPTACHLOR	1 U	1.2 U	1.2 U	2.2 U
HEPTACHLOR EPOXIDE	1 U	1.2 U	1.2 U	4.3 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	5.2 U	6 U	5.7 U	17 U
METHYL PARATHION				
TOXAPHENE	52 U	60 U	57 U	72 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-43: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-4	MWOR-4	MWOR-4	MWOR-4
Sample ID	MWOR-4 [10.5-11.0]	MWOR-4 [14.5-15.0]	MWOR-4 [3.0-3.5]	MWOR-4 [7.0-7.5]
Sampling Date	7/19/1990	7/19/1990	7/19/1990	7/19/1990
Sampling Depth (feet bgs)	10.5 - 11	14.5 - 15	3 - 3.5	7 - 7.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
2,4,5-T				
2,4,5-TP (SILVEX)				
2,4-D				
2,4-DB				
4,4'-DDD	8.7 U	9.3 U	8.3 U	9.4 U
4,4'-DDE	3.2 U	3.4 U	3 U	3.4 U
4,4'-DDT	9.4 U	10 U	9 U	10 U
ALDRIN	3.2 U	3.4 U	3 U	3.4 U
ALPHA-BHC	2.4 U	2.5 U	2.3 U	2.5 U
ALPHA-CHLORDANE	3.9 U	4.1 U	3.7 U	4.2 U
AROCLOR-1016	38 U	40 U	36 U	41 U
AROCLOR-1221	94 U	100 U	90 U	100 U
AROCLOR-1232	94 U	100 U	90 U	100 U
AROCLOR-1242	38 U	40 U	36 U	41 U
AROCLOR-1248	19 U	20 U	18 U	20 U
AROCLOR-1254	19 U	20 U	18 U	20 U
AROCLOR-1260	19 U	20 U	18 U	20 U
AZINPHOS-METHYL				
BETA-BHC	4.7 U	5 U	4.5 U	5.1 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.7 U	5 U	4.5 U	5.1 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.5 U	1.6 U	1.5 U	1.6 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.7 U	5 U	4.5 U	5.1 U
ENDOSULFAN II	3.2 U	3.4 U	3 U	3.4 U
ENDOSULFAN SULFATE	9.4 U	10 U	9 U	10 U
ENDRIN	4.7 U	5 U	4.5 U	5.1 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	9.4 U	10 U	9 U	10 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	3.2 U	3.4 U	3 U	3.4 U
GAMMA-CHLORDANE	3.9 U	4.1 U	3.7 U	4.2 U
HEPTACHLOR	2.4 U	2.5 U	2.3 U	2.5 U
HEPTACHLOR EPOXIDE	4.7 U	5 U	4.5 U	5.1 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	19 U	20 U	18 U	20 U
METHYL PARATHION				
TOXAPHENE	79 U	84 U	75 U	85 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B001	C3S013B001	C3S013B001	C3S013B001	C3S013B002	C3S013B002	C3S013B002	C3S013B002	C3S013B003
Sample Code	C0590583	C0590584	C0590585	C0590586	C0590587	C0590588	C0590589	C0590590	C0590591
Sampling Date	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003
Sampling Depth (feet bgs)	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.005 U	0.006 U	0.006 U	0.006 U	0.027 U	0.005 U	0.005 U	0.0014 J	0.001 J
ACENAPHTHENE	0.016 U	0.017 U	0.017 U	0.018 U	0.081 U	0.016 U	0.016 U	0.0033 J	0.017 U
ACENAPHTHYLENE	0.0019 J	0.017 U	0.0017 J	0.018 U	0.081 U	0.016 U	0.016 U	0.0045 J	0.017 U
ANTHRACENE	0.0017 J	0.006 U	0.0015 J	0.006 U	0.027 U	0.005 U	0.005 U	0.0086	0.006 U
BENZ(A)ANTHRACENE	0.0089	0.006 U	0.0037 J	0.006 U	0.027 U	0.005 U	0.005 U	0.021	0.0036 J
BENZO(A)PYRENE	0.01	0.006 U	0.0073	0.006 U	0.027 U	0.005 U	0.005 U	0.065	0.0061
BENZO(B)FLUORANTHENE	0.011	0.006 U	0.0081	0.006 U	0.027 U	0.005 U	0.005 U	0.095	0.0084
BENZO(G,H,I)PERYLENE	0.011	0.006 U	0.0081	0.006 U	0.025 J	0.005 U	0.005 U	0.06	0.0093
BENZO(K)FLUORANTHENE	0.0048 J	0.006 U	0.0027 J	0.006 U	0.027 U	0.005 U	0.005 U	0.019	0.0025 J
CHRYSENE	0.0075	0.006 U	0.0089	0.006 U	0.027 U	0.005 U	0.005 U	0.03	0.0052 J
DIBENZ(A,H)ANTHRACENE	0.0025 J	0.006 U	0.0021 J	0.006 U	0.027 U	0.005 U	0.005 U	0.0059 J	0.006 U
FLUORANTHENE	0.0092	0.006 U	0.0093	0.006 U	0.027 U	0.005 U	0.005 U	0.043	0.0062
FLUORENE	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U	0.0022 J	0.01 U
INDENO(1,2,3-CD)PYRENE	0.01	0.006 U	0.0043 J	0.006 U	0.027 U	0.005 U	0.005 U	0.041	0.0034 J
NAPHTHALENE	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U	0.0043 J	0.01 U
PHENANTHRENE	0.0061	0.006 U	0.006	0.006 U	0.027 U	0.005 U	0.005 U	0.012	0.0054 J
PYRENE	0.018 J	0.006 U	0.012 J	0.006 U	0.027 U	0.005 U	0.005 U	0.12 J	0.0062

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B003	C3S013B003	C3S013B003	C3S013B004	C3S013B004	C3S013B004	C3S013B004	C3S013B005	C3S013B005
Sample Code	C0590593	C0590594	C0590595	C0590596	C0590597	C0590598	C0590599	C0590600	C0590601
Sampling Date	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003
Sampling Depth (feet bgs)	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.006 U	0.006 U	0.006 U	0.026 U	0.026 U	0.005 U	0.006 U	0.025 U	0.005 U
ACENAPHTHENE	0.017 U	0.017 U	0.017 U	0.077 U	0.077 U	0.016 U	0.0029 J	0.075 U	0.015 U
ACENAPHTHYLENE	0.017 U	0.017 U	0.017 U	0.077 U	0.077 U	0.016 U	0.0072 J	0.075 U	0.015 U
ANTHRACENE	0.006 U	0.006 U	0.006 U	0.026 U	0.026 U	0.005 U	0.005 J	0.025 U	0.005 U
BENZ(A)ANTHRACENE	0.006 U	0.006 U	0.006 U	0.026 U	0.012 J	0.005 U	0.025	0.025 U	0.005 U
BENZO(A)PYRENE	0.006 U	0.006 U	0.006 U	0.026 UJ	0.026 U	0.005 U	0.1	0.025 U	0.005 UJ
BENZO(B)FLUORANTHENE	0.006 U	0.006 U	0.006 U	0.026 UJ	0.026 U	0.005 U	0.096	0.025 U	0.005 UJ
BENZO(G,H,I)PERYLENE	0.006 U	0.006 U	0.006 U	0.026 UJ	0.034	0.005 U	0.085	0.054	0.016 J
BENZO(K)FLUORANTHENE	0.006 U	0.006 U	0.006 U	0.026 UJ	0.026 U	0.005 U	0.028	0.025 U	0.005 UJ
CHRYSENE	0.006 U	0.006 U	0.006 U	0.026 U	0.026 U	0.005 U	0.035	0.025 U	0.005 U
DIBENZ(A,H)ANTHRACENE	0.006 U	0.006 U	0.006 U	0.026 UJ	0.026 U	0.005 U	0.0078	0.025 U	0.005 UJ
FLUORANTHENE	0.006 U	0.0022 J	0.006 U	0.026 U	0.026 U	0.005 U	0.081	0.025 U	0.005 U
FLUORENE	0.01 U	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.0024 J	0.05 U	0.01 U
INDENO(1,2,3-CD)PYRENE	0.006 U	0.006 U	0.006 U	0.026 U	0.026 U	0.005 U	0.059	0.025 U	0.005 U
NAPHTHALENE	0.01 U	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.0058 J	0.05 U	0.01 U
PHENANTHRENE	0.006 U	0.006 U	0.006 U	0.026 U	0.026 U	0.005 U	0.0095	0.025 U	0.005 U
PYRENE	0.006 U	0.006 U	0.006 U	0.026 U	0.026 U	0.005 U	0.18 J	0.025 U	0.005 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B005	C3S013B005	C3S013B006	C3S013B006	C3S013B006	C3S013B006	C3S013B007	C3S013B007	C3S013B007
Sample Code	C0590603	C0590604	C0590605	C0590606	C0590607	C0590608	C0590609	C0590610	C0590611
Sampling Date	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.005 U	0.001 J	0.06 U	0.005 U	0.006 U	0.006 U	2.4 J	5.5 U	0.49 J
ACENAPHTHENE	0.016 U	0.0032 J	0.16 U	0.016 U	0.019 U	0.018 U	0.51 J	5.5 U	5.5 U
ACENAPHTHYLENE	0.016 U	0.0056 J	0.16 U	0.016 U	0.019 U	0.018 U	2.8 J	5.5 U	5.5 U
ANTHRACENE	0.005 U	0.0058 J	0.06 U	0.005 U	0.006 U	0.006 U	3.2 J	0.4 J	5.5 U
BENZ(A)ANTHRACENE	0.005 U	0.023	0.06 U	0.005 U	0.006 U	0.006 U	7.3	5.5 U	5.5 U
BENZO(A)PYRENE	0.005 U	0.12	0.06 U	0.005 U	0.006 U	0.006 U	9	1.1 J	5.5 U
BENZO(B)FLUORANTHENE	0.005 U	0.11	0.06 U	0.005 U	0.006 U	0.006 U	8.7	2.6 J	5.5 U
BENZO(G,H,I)PERYLENE	0.005 U	0.12	0.077	0.0022 J	0.006 U	0.006 U	40	2 J	5.5 U
BENZO(K)FLUORANTHENE	0.005 U	0.029	0.06 U	0.005 U	0.006 U	0.006 U	5.5	5.5 U	5.5 U
CHRYSENE	0.005 U	0.038	0.06 U	0.005 U	0.006 U	0.006 U	10	11	5.5 U
DIBENZ(A,H)ANTHRACENE	0.005 U	0.011	0.06 U	0.005 U	0.006 U	0.006 U	5.3 U	5.5 U	5.5 U
FLUORANTHENE	0.005 U	0.07	0.06 U	0.005 U	0.006 U	0.006 U	12	1.6 J	5.5 U
FLUORENE	0.01 U	0.01 U	0.1 U	0.01 U	0.01 U	0.01 U	1.3 J	5.5 U	5.5 U
INDENO(1,2,3-CD)PYRENE	0.005 U	0.082	0.06 U	0.005 U	0.006 U	0.006 U	9.3	5.5 U	5.5 U
NAPHTHALENE	0.01 U	0.0075 J	0.1 U	0.01 U	0.01 U	0.01 U	3.2 J	5.5 U	5.5 U
PHENANTHRENE	0.005 U	0.013	0.06 U	0.005 U	0.006 U	0.006 U	10	1.7 J	5.5 U
PYRENE	0.005 U	0.21 J	0.06 U	0.005 U	0.006 U	0.006 U	13	2.2 J	5.5 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B007	C3S013B008	C3S013B008	C3S013B008	C3S013B008	C3S013B009	C3S013B009	C3S013B009	C3S013B009
Sample Code	C0590613	C0590614	C0590615	C0590616	C0590617	C0590618	C0590619	C0590620	C0590621
Sampling Date	7/29/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003
Sampling Depth (feet bgs)	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8
Units	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.28 J	0.026 U	0.026 U	0.005 U	0.006 U	0.05 U	0.005 U	0.01	0.006 U
ACENAPHTHENE	5.7 U	0.077 U	0.077 U	0.016 U	0.017 U	0.16 U	0.016 U	0.0081 J	0.018 U
ACENAPHTHYLENE	0.24 J	0.077 U	0.077 U	0.016 U	0.017 U	0.16 U	0.016 U	0.042	0.018 U
ANTHRACENE	0.53 J	0.026 U	0.026 U	0.005 U	0.006 U	0.05 U	0.005 U	0.065	0.006 U
BENZ(A)ANTHRACENE	2.2 J	0.026 U	0.026 U	0.005 U	0.0024 J	0.05 U	0.005 U	0.28	0.0039 J
BENZO(A)PYRENE	2.1 J	0.026 U	0.026 U	0.005 U	0.0035 J	0.21	0.0017 J	0.33	0.0028 J
BENZO(B)FLUORANTHENE	2.1 J	0.026 U	0.026 U	0.005 U	0.0038 J	0.05 U	0.0022 J	0.32	0.0032 J
BENZO(G,H,I)PERYLENE	1.9 J	0.067	0.026 U	0.005 U	0.0063	0.084	0.0046 J	0.14	0.006 U
BENZO(K)FLUORANTHENE	2.2 J	0.026 U	0.026 U	0.005 U	0.006 U	0.05 U	0.005 U	0.12	0.006 U
CHRYSENE	2.5 J	0.026 U	0.026 U	0.005 U	0.0027 J	0.05 U	0.005 U	0.3	0.0024 J
DIBENZ(A,H)ANTHRACENE	5.7 U	0.026 U	0.026 U	0.005 U	0.006 U	0.05 U	0.005 U	0.042	0.006 U
FLUORANTHENE	3.9 J	0.026 U	0.026 U	0.005 U	0.0056 J	0.05 U	0.0023 J	0.29	0.0047 J
FLUORENE	0.22 J	0.05 U	0.05 U	0.01 U	0.01 U	0.1 U	0.01 U	0.022	0.01 U
INDENO(1,2,3-CD)PYRENE	2 J	0.026 U	0.026 U	0.005 U	0.006 U	0.05 U	0.005 U	0.096	0.006 U
NAPHTHALENE	5.7 U	0.05 U	0.05 U	0.01 U	0.01 U	0.1 U	0.01 U	0.011	0.01 U
PHENANTHRENE	2.4 J	0.026 U	0.026 U	0.005 U	0.006 U	0.05 U	0.005 U	0.25	0.0024 J
PYRENE	5.1 J	0.026 U	0.026 U	0.005 U	0.0041 J	0.05 U	0.0019 J	0.44	0.0037 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B010	C3S013B010	C3S013B010	C3S013B010	C3S013B011	C3S013B011	C3S013B011	C3S013B011	C3S013B012
Sample Code	C0590623	C0590624	C0590625	C0590626	C0590627	C0590628	C0590629	C0590630	C0590631
Sampling Date	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/25/2003
Sampling Depth (feet bgs)	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.027 U	0.0019 J	0.028 U	0.0044 J	7.5 U	5.2 U	5.2 U	5.8 U	1.3 J
ACENAPHTHENE	0.081 U	0.016 U	0.084 U	0.0043 J	7.5 U	5.2 U	5.2 U	5.8 U	5.2 U
ACENAPHTHYLENE	0.081 U	0.016 U	0.0081 J	0.0036 J	7.5 U	5.2 U	5.2 U	5.8 U	0.52 J
ANTHRACENE	0.027 U	0.0025 J	0.028 U	0.0075	7.5 U	5.2 U	0.48 J	5.8 U	0.66 J
BENZ(A)ANTHRACENE	0.023 J	0.0088	0.021 J	0.038	1.7 J	0.43 J	0.44 J	1.3 J	4 J
BENZO(A)PYRENE	0.011 J	0.0087	0.033	0.027	0.8 J	5.2 U	5.2 U	2.2 J	17
BENZO(B)FLUORANTHENE	0.027 U	0.013	0.055	0.061	0.86 J	5.2 U	5.2 U	2 J	5.9
BENZO(G,H,I)PERYLENE	0.018 J	0.01	0.044	0.019	7.5 UJ	5.2 UJ	5.2 UJ	5.8 UJ	69
BENZO(K)FLUORANTHENE	0.027 U	0.0037 J	0.016 J	0.016	7.5 U	5.2 U	5.2 U	5.8 U	3.5 J
CHRYSENE	0.011 J	0.012	0.052	0.043	0.61 J	1.3 J	5.2 U	0.9 J	16
DIBENZ(A,H)ANTHRACENE	0.027 U	0.005 U	0.015 J	0.0065	7.5 U	5.2 U	5.2 U	5.8 U	8
FLUORANTHENE	0.014 J	0.01	0.078	0.027	0.67 J	5.2 U	0.43 J	1.5 J	8.9
FLUORENE	0.05 U	0.01 U	0.06 U	0.0034 J	7.5 U	5.2 U	5.2 U	5.8 U	0.3 J
INDENO(1,2,3-CD)PYRENE	0.027 U	0.0032 J	0.021 J	0.017	7.5 UJ	5.2 UJ	5.2 UJ	5.8 UJ	11
NAPHTHALENE	0.05 U	0.0015 J	0.06 U	0.0039 J	7.5 U	5.2 U	5.2 U	5.8 U	1.7 J
PHENANTHRENE	0.027 U	0.0062	0.022 J	0.016	7.5 UJ	5.2 UJ	0.66 J	0.43 J	4.7 J
PYRENE	0.027 U	0.014	0.055	0.039	0.9 J	5.2 U	5.2 U	2.3 J	12

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B012	C3S013B012	C3S013B012	C3S013B013	C3S013B013	C3S013B013	C3S013B013	C3S013B014	C3S013B014
Sample Code	C0590633	C0590634	C0590635	C0590636	C0590637	C0590638	C0590639	C0590640	C0590641
Sampling Date	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003	7/25/2003
Sampling Depth (feet bgs)	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	5.2 U	5.4 U	5.8 U	5.2 U	5.2 U	5.4 U	0.24 J	0.73 J	5.4 U
ACENAPHTHENE	5.2 U	5.4 U	5.8 U	5.2 U	5.2 U	5.4 U	5.6 U	5.2 U	5.4 U
ACENAPHTHYLENE	5.2 U	0.24 J	5.8 U	5.2 U	5.2 U	5.4 U	5.6 U	0.2 J	5.4 U
ANTHRACENE	5.2 U	0.52 J	5.8 U	5.2 U	5.2 U	5.4 U	5.6 U	1.1 J	5.4 U
BENZ(A)ANTHRACENE	0.66 J	2.5 J	1.1 J	5.2 U	0.15 J	5.4 U	0.62 J	3.4 J	0.57 J
BENZO(A)PYRENE	1.7 J	6	1.1 J	6.2	0.21 J	0.24 J	1.9 J	6.5	2.6 J
BENZO(B)FLUORANTHENE	0.91 J	3.8 J	0.88 J	5.2 U	5.2 U	0.23 J	1.5 J	6.4	1.6 J
BENZO(G,H,I)PERYLENE	6.8	9.2	1.2 J	39	5.2 U	5.4 U	18	23	6.2
BENZO(K)FLUORANTHENE	0.86 J	3.5 J	1 J	5.2 U	5.2 U	5.4 U	0.69 J	3.7 J	0.93 J
CHRYSENE	1.2 J	3.7 J	1.4 J	0.83 J	0.23 J	0.22 J	1.8 J	14	4.4 J
DIBENZ(A,H)ANTHRACENE	5.2 U	0.54 J	0.26 J	5.2 U	5.2 U	5.4 U	5.6 U	1.5 J	0.68 J
FLUORANTHENE	1.3 J	6	1.4 J	0.21 J	0.39 J	0.32 J	1.5 J	7.2	1.3 J
FLUORENE	5.2 U	5.4 U	5.8 U	5.2 U	5.2 U	5.4 U	5.6 U	5.2 U	5.4 U
INDENO(1,2,3-CD)PYRENE	1.9 J	9.1	1.2 J	5.2 U	5.2 U	5.4 U	1.9 J	6.3	1.6 J
NAPHTHALENE	5.2 U	1.8 J	5.8 U	5.2 U	5.2 U	5.4 U	5.6 U	5.2 U	5.4 U
PHENANTHRENE	0.61 J	2.2 J	0.64 J	0.31 J	0.42 J	0.29 J	0.95 J	2.8 J	0.66 J
PYRENE	1.8 J	9.1	1.6 J	0.36 J	0.39 J	0.34 J	2.2 J	8.6	1.4 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B014	C3S013B014	C3S013B015	C3S013B015	C3S013B015	C3S013B015	C3S013B016	C3S013B016	C3S013B016
Sample Code	C0590643	C0590644	C0590645	C0590646	C0590647	C0590648	C0590649	C0590650	C0590651
Sampling Date	7/25/2003	7/25/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.37 J	6 U	16	2.2 J	0.33 J	1 J	3.2 J	4 J	10 J
ACENAPHTHENE	5.6 U	6 U	5.3 U	5.3 U	5.5 U	1 J	1.1 J	5.1 U	5.3 U
ACENAPHTHYLENE	5.6 U	6 U	5.3 U	5.3 U	5.5 U	5.7 U	1.8 J	1.3 J	3.6 J
ANTHRACENE	5.6 U	6 U	5.7	0.63 J	5.5 U	1.5 J	5.1 J	2.8 J	3.8 J
BENZ(A)ANTHRACENE	0.71 J	0.39 J	2.4 J	4.4 J	2.9 J	6.1	31 J	12 J	18
BENZO(A)PYRENE	4.7 J	2 J	2.5 J	3.7 J	3.4 J	7.3	48 J	13 J	33 J
BENZO(B)FLUORANTHENE	3.2 J	0.59 J	18 J	6.5 J	3.2 J	5.9	47 J	13 J	25 J
BENZO(G,H,I)PERYLENE	14	5 J	13 J	11 J	5.5 U	4.3 J	63 J	20 J	48 J
BENZO(K)FLUORANTHENE	0.95 J	0.55 J	2.9 J	3.2 J	2.6 J	5 J	44 J	8.5 J	23 J
CHRYSENE	10	0.9 J	14	4.8 J	3.4 J	7	50 J	20 J	35
DIBENZ(A,H)ANTHRACENE	5.6 U	6 U	3.6 J	5.3 UJ	5.5 U	5.7 U	11 J	4.9 J	7.5 J
FLUORANTHENE	1.1 J	0.96 J	2.9 J	2.6 J	3.2 J	6.2	63	10	18 UJ
FLUORENE	5.6 U	6 U	11	5.3 U	5.5 U	5.7 U	2.1 J	1.1 J	1.3 J
INDENO(1,2,3-CD)PYRENE	1.6 J	0.81 J	4.1 J	3.9 J	5.5 U	5.7 U	34 J	11 J	26 J
NAPHTHALENE	5.6 U	6 U	8.9	1.8 J	5.5 U	0.77 J	3.3 J	3.1 J	6.7
PHENANTHRENE	0.69 J	0.48 J	71 J	11 J	1.3 J	3.4 J	30	14	19
PYRENE	2.3 J	1.6 J	15	5.1 J	4.3 J	8.9	67	16	32

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B016	C3S013B017	C3S013B017	C3S013B017	C3S013B017	C3S013B018	C3S013B018	C3S013B018	C3S013B018
Sample Code	C0590653	C0590654	C0590655	C0590656	C0590657	C0590658	C0590659	C0590660	C0590661
Sampling Date	7/29/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.64 J	1.2 J	9.6	18	1.3 J	4.6 J	15 J	29 J	6.3 J
ACENAPHTHENE	5.8 U	5.1 U	1.4 J	6.8 U	5.8 U	5.2 U	2.7 J	5.5 U	1.5 J
ACENAPHTHYLENE	5.8 U	5.1 U	2.1 J	1.9 J	5.8 U	5.2 U	3.7 J	2.5 J	1.8 J
ANTHRACENE	5.8 U	0.53 J	7.1	4.2 J	1.3 J	5.2 U	3.1 J	4.2 J	0.69 J
BENZ(A)ANTHRACENE	2 J	3.3 J	32	16	1.6 J	4.7 J	23	17	13 J
BENZO(A)PYRENE	2.6 J	2.7 J	41	23	2.4 J	13 J	19 J	22 J	7.4 J
BENZO(B)FLUORANTHENE	5.5 J	6.6	40	28	3.9 J	3.3 J	32 J	17 J	17 J
BENZO(G,H,I)PERYLENE	4.2 J	4.8 J	52 J	17 J	5.8 UJ	4.4 J	23 J	19 J	6.8 J
BENZO(K)FLUORANTHENE	2.6 J	2.8 J	20	18	5.8 U	7.5 J	13 J	20 J	10 J
CHRYSENE	6.1	11	57	24	3.6 J	17	57	26	49 J
DIBENZ(A,H)ANTHRACENE	0.97 J	5.1 U	16	5.4 J	5.8 U	1.4 J	6.7 J	5.3 J	3.8 J
FLUORANTHENE	5.8 UJ	0.55 J	22	24	1.5 J	5.2 UJ	13 UJ	20 UJ	6.5 UJ
FLUORENE	5.8 U	1.3 J	5.9	1.6 J	5.8 U	4.1 J	8.6	4 J	8.5 J
INDENO(1,2,3-CD)PYRENE	2.1 J	5.1 UJ	28 J	14 J	5.8 UJ	5.2 UJ	11 J	13 J	6.5 UJ
NAPHTHALENE	0.41 J	0.81 J	6.1	10	2.1 J	2.4 J	6.6	18	2.1 J
PHENANTHRENE	1.7 J	6.4 J	35 J	31 J	14 J	13	29	32	14 J
PYRENE	2.7 J	2.6 J	31	27	2.7 J	4.9 J	21	21	5.7 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B019	C3S013B019	C3S013B019	C3S013B019	C3S013B020	C3S013B020	C3S013B020	C3S013B020	C3S013B021
Sample Code	C0590663	C0590664	C0590665	C0590666	C0590667	C0590668	C0590669	C0590670	C0590671
Sampling Date	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003
Sampling Depth (feet bgs)	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	5.2 U	5.2 U	5.3 U	5.6 U	0.32 J	5.1 U	5.2 U	5.3 U	0.46 J
ACENAPHTHENE	5.2 U	5.2 U	5.3 U	5.6 U	5 U	5.1 U	5.2 U	5.3 U	5.2 U
ACENAPHTHYLENE	5.2 U	5.2 U	5.3 U	5.6 U	5 U	5.1 U	5.2 U	5.3 U	0.26 J
ANTHRACENE	5.2 U	5.2 U	5.3 U	5.6 U	5 U	5.1 U	5.2 U	5.3 U	0.5 J
BENZ(A)ANTHRACENE	0.64 J	0.53 J	0.95 J	0.38 J	5 U	5.1 U	5.2 U	5.3 U	5.2 U
BENZO(A)PYRENE	5.2 U	0.73 J	1.5 J	1 J	1.3 J	5.1 U	0.47 J	5.3 U	5.2 U
BENZO(B)FLUORANTHENE	5.2 U	0.74 J	1.4 J	1 J	1.4 J	5.1 U	5.2 U	5.3 U	1.4 J
BENZO(G,H,I)PERYLENE	5.2 UJ	5.2 UJ	5.3 UJ	5.6 UJ	3.5 J	5.1 U	5.2 U	5.3 U	21
BENZO(K)FLUORANTHENE	5.2 U	5.2 U	5.3 U	5.6 U	1 J	5.1 U	5.2 U	5.3 U	5.2 U
CHRYSENE	5.2 U	0.5 J	0.94 J	0.55 J	2.8 J	5.1 U	5.2 U	5.3 U	2.2 J
DIBENZ(A,H)ANTHRACENE	5.2 U	5.2 U	5.3 U	5.6 U	5 U	5.1 U	5.2 U	5.3 U	5.2 U
FLUORANTHENE	5.2 U	0.48 J	1.3 J	0.72 J	1.9 J	5.1 U	5.2 U	5.3 U	1.3 J
FLUORENE	5.2 U	5.2 U	5.3 U	5.6 U	5 U	5.1 U	5.2 U	5.3 U	0.45 J
INDENO(1,2,3-CD)PYRENE	5.2 UJ	5.2 UJ	5.3 UJ	5.6 UJ	1.4 J	5.1 U	5.2 U	5.3 U	5.2 U
NAPHTHALENE	5.2 U	5.2 U	5.3 U	5.6 U	5 U	5.1 U	5.2 U	5.3 U	0.55 J
PHENANTHRENE	5.2 UJ	5.2 UJ	0.77 J	0.37 J	1.7 J	5.1 U	5.2 U	5.3 U	0.84 J
PYRENE	5.2 U	0.65 J	1.7 J	1 J	5 U	5.1 U	5.2 U	5.3 U	1.1 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B021	C3S013B021	C3S013B021	C3S013B022	C3S013B022	C3S013B022	C3S013B023	C3S013B023	C3S013B023
Sample Code	C0590673	C0590674	C0590675	C0590676	C0590677	C0590678	C0590680	C0590681	C0590683
Sampling Date	7/28/2003	7/28/2003	7/28/2003	7/29/2003	7/29/2003	7/29/2003	7/28/2003	7/28/2003	7/28/2003
Sampling Depth (feet bgs)	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	0 - 0.5	.5 - 2	2 - 4
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	5.2 U	220	1700	10	80	8.5	0.026 U	0.005 U	0.0014 J
ACENAPHTHENE	5.2 U	5.6 U	6 U	1.2 J	47	2 J	0.026 U	0.016 U	0.018 U
ACENAPHTHYLENE	5.2 U	3.3 J	97	16	370	11	0.026 U	0.016 U	0.018 U
ANTHRACENE	5.2 U	2.5 J	7.9	14	450	18	0.026 U	0.005 U	0.006 U
BENZ(A)ANTHRACENE	5.2 U	8.5	18	41	1200	44	0.026 U	0.005 U	0.0043 J
BENZO(A)PYRENE	5.2 U	12	25	61	2400	72	0.026 U	0.005 U	0.009
BENZO(B)FLUORANTHENE	5.2 U	11	18	82	1600	57	0.026 U	0.005 U	0.011
BENZO(G,H,I)PERYLENE	5.2 U	14	37	110	1500	83	0.046	0.005 U	0.011
BENZO(K)FLUORANTHENE	5.2 U	9	16	46 J	1400	43	0.026 U	0.005 U	0.0043 J
CHRYSENE	5.2 U	12	25	86	1500	61	0.026 U	0.005 U	0.007 J
DIBENZ(A,H)ANTHRACENE	5.2 U	2.1 J	4.5 J	37	420	18	0.026 U	0.005 U	0.006 U
FLUORANTHENE	0.31 J	18	53	62	1900	80	0.026 U	0.005 U	0.0038 J
FLUORENE	5.2 U	4.6 J	140	2.3 J	120	4.3 J	0.026 U	0.01 U	0.01 U
INDENO(1,2,3-CD)PYRENE	5.2 U	12	24	58	1600	63	0.026 U	0.005 U	0.006 U
NAPHTHALENE	5.2 U	94	600	8.8	110	23	0.026 U	0.01 U	0.0013 J
PHENANTHRENE	0.22 J	12	54	29	870	55	0.026 U	0.005 U	0.002 J
PYRENE	0.21 J	22	59	64	2700	86	0.026 U	0.005 U	0.0067

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B023	C3S013B024	C3S013B024	C3S013B024	C3S013B024	C3S013B025	C3S013B025	C3S013B025	C3S013B025
Sample Code	C0590684	C0590685	C0590686	C0590687	C0590688	C0590689	C0590690	C0590691	C0590693
Sampling Date	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003
Sampling Depth (feet bgs)	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	3.5	0.025 U	0.005 U	0.005 U	0.0015 J	0.026 U	0.005 U	0.006 U	0.03 U
ACENAPHTHENE	0.1 U	0.025 U	0.016 U	0.016 U	0.0032 J	0.026 U	0.016 U	0.017 U	0.03 U
ACENAPHTHYLENE	0.1 U	0.025 U	0.016 U	0.016 U	0.0041 J	0.026 U	0.016 U	0.017 U	0.03 U
ANTHRACENE	0.12	0.025 U	0.005 U	0.005 U	0.016	0.026 U	0.005 U	0.006 U	0.047
BENZ(A)ANTHRACENE	0.26	0.025 U	0.005 U	0.005 U	0.05	0.026 U	0.005 U	0.006 U	0.03 U
BENZO(A)PYRENE	0.24	0.025 U	0.005 U	0.005 U	0.051	0.026 U	0.005 UJ	0.006 U	0.03 U
BENZO(B)FLUORANTHENE	0.28	0.025 U	0.005 U	0.005 U	0.071 J	0.026 U	0.005 UJ	0.006 U	0.03 U
BENZO(G,H,I)PERYLENE	0.25	0.057	0.0032 J	0.005 U	0.022	0.047	0.005 UJ	0.006 U	0.03 U
BENZO(K)FLUORANTHENE	0.077 J	0.025 U	0.005 U	0.005 U	0.023	0.026 U	0.005 UJ	0.006 U	0.03 U
CHRYSENE	0.24 J	0.039 J	0.005 U	0.005 U	0.08 J	0.026 U	0.005 U	0.006 U	0.03 U
DIBENZ(A,H)ANTHRACENE	0.085 J	0.025 U	0.005 U	0.005 U	0.0031 J	0.026 U	0.005 UJ	0.006 U	0.03 U
FLUORANTHENE	0.14	0.025 U	0.005 U	0.005 U	0.14	0.026 U	0.005 U	0.006 U	0.021 J
FLUORENE	0.32 J	0.025 U	0.01 U	0.01 U	0.003 J	0.026 U	0.01 U	0.01 U	0.03 U
INDENO(1,2,3-CD)PYRENE	0.15	0.025 UJ	0.005 UJ	0.005 UJ	0.017 J	0.026 UJ	0.005 UJ	0.006 UJ	0.03 UJ
NAPHTHALENE	1.7	0.025 U	0.01 U	0.01 U	0.0013 J	0.026 U	0.01 U	0.01 U	0.03 U
PHENANTHRENE	0.48	0.0097 J	0.005 U	0.005 U	0.068	0.026 U	0.005 U	0.006 U	0.017 J
PYRENE	0.51	0.025 U	0.005 U	0.005 U	0.12	0.026 U	0.005 U	0.006 U	0.021 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B026	C3S013B026	C3S013B026	C3S013B026	C3S013B027	C3S013B027	C3S013B027	C3S013B027	C3S013B028
Sample Code	C0590694	C0590695	C0590696	C0590697	C0590698	C0590699	C0590700	C0590701	C0590703
Sampling Date	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003
Sampling Depth (feet bgs)	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	3.5 J	1.2 J	0.91 J	2.8 J	2 J	43	41	91	1.6 J
ACENAPHTHENE	5.3 U	5.2 U	5.8 U	4 J	5.2 U	3.6 J	14	52	5.3 U
ACENAPHTHYLENE	5.3 U	5.2 U	5.8 U	2 J	0.25 J	5.7	7.4	6.1 U	0.3 J
ANTHRACENE	2.2 J	1.9 J	1.7 J	6.6	0.48 J	26	57	85	0.76 J
BENZ(A)ANTHRACENE	1.1 J	1.9 J	9.3	34	2.7 J	30	130	260	2.2 J
BENZO(A)PYRENE	5.3 U	1 J	21	26 J	8	41	110	220	7.3
BENZO(B)FLUORANTHENE	3.8 J	3.2 J	12	27 J	12	45	84	140	11
BENZO(G,H,I)PERYLENE	4.2 J	6.2 J	25	25 J	15	69	90	83	23
BENZO(K)FLUORANTHENE	2.3 J	1.7 J	20	20 J	5.3	31	46	56	3 J
CHRYSENE	3.5 J	2.3 J	14	53	15	90	320	500	9.2
DIBENZ(A,H)ANTHRACENE	1.3 J	0.68 J	2.9 J	6.4 J	6.2	16	43	53	8.4
FLUORANTHENE	0.82 J	2 J	21	73	3.3 J	62	100	160	4 J
FLUORENE	2.9 J	5.2 U	5.8 U	4.6 J	0.45 J	10	96	170	0.59 J
INDENO(1,2,3-CD)PYRENE	1.1 J	1.3 J	16	17 J	8.6	56	50	67	8.4
NAPHTHALENE	2.3 J	1 J	1.2 J	2.3 J	1.9 J	53	32	49	1.6 J
PHENANTHRENE	16	7	7	23	4.3 J	81	230	480	2.9 J
PYRENE	4.3 J	3.5 J	29	130	4.1 J	55	220	280	3.8 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B028	C3S013B028	C3S013B028	C3S013B029	C3S013B029	C3S013B029	C3S013B029	C3S013B030	C3S013B030
Sample Code	C0590704	C0590705	C0590706	C0590707	C0590708	C0590709	C0590710	C0590711	C0590713
Sampling Date	7/28/2003	7/28/2003	7/28/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/30/2003	7/30/2003
Sampling Depth (feet bgs)	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	1.3 J	93	220	9.6	510	49 J	34 J	3 J	0.48 J
ACENAPHTHENE	3.2 J	33	27	78	100	67	11	0.7 J	5.3 U
ACENAPHTHYLENE	0.24 J	8.3	31	60	46 J	140	10	2.1 J	0.29 J
ANTHRACENE	9.4	220	150	280	220	54 U	14	5.5 J	0.8 J
BENZ(A)ANTHRACENE	69	470	410	710	880	54 U	48	41	4.2 J
BENZO(A)PYRENE	76	220	240	820	390 J	140 J	39 J	58	5 J
BENZO(B)FLUORANTHENE	68	190	200	570	310 J	16 J	30 J	68	5.4
BENZO(G,H,I)PERYLENE	30	100	87	360 J	180 J	49 J	29 J	73	6.9
BENZO(K)FLUORANTHENE	57	130	140	610	220 J	15 J	22 J	58	4.5 J
CHRYSENE	83	1000	680	690	1600	54 U	75	79	6.5
DIBENZ(A,H)ANTHRACENE	10	34	35	98 J	100 J	18 J	7.6 J	12	1.1 J
FLUORANTHENE	94	360	530	1900	480	54 UJ	12 UJ	100	9.4
FLUORENE	2.2 J	150	130	80	450	1100	62	1.3 J	0.21 J
INDENO(1,2,3-CD)PYRENE	50	58	150	320 J	90 J	21 J	16 J	73	6
NAPHTHALENE	1.9 J	36	150	14	160	36 J	11	2.3 J	0.61 J
PHENANTHRENE	30	1100	940	1800	3700	54 U	80	31	3.9 J
PYRENE	74	730	580	2100	1000	54 U	54	99	11

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B030	C3S013B030	C3S013B031	C3S013B031	C3S013B031	C3S013B031	C3S013B032	C3S013B032	C3S013B032
Sample Code	C0590714	C0590715	C0590716	C0590717	C0590718	C0590719	C0590720	C0590721	C0590723
Sampling Date	7/30/2003	7/30/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003
Sampling Depth (feet bgs)	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.29 J	0.92 J	0.33 J	5.1 U	5.2 U	5.5 U	5.1 U	5.2 U	5.2 U
ACENAPHTHENE	5.7 U	5.9 U	5 U	5.1 U	5.2 U	5.5 U	5.1 U	5.2 U	5.2 U
ACENAPHTHYLENE	0.45 J	0.24 J	5 U	5.1 U	5.2 U	5.5 U	5.1 U	5.2 U	5.2 U
ANTHRACENE	0.91 J	0.4 J	1 J	5.1 U	5.2 U	5.5 U	5.1 U	5.2 U	0.25 J
BENZ(A)ANTHRACENE	3.9 J	1.8 J	2.7 J	1.2 J	0.45 J	5.5 U	5.1 U	5.2 U	5.2 U
BENZO(A)PYRENE	5.7 J	2.6 J	6.2	5.1 U	5.2 U	1 J	5.1 U	5.2 U	5.2 U
BENZO(B)FLUORANTHENE	4 J	2 J	12	5.1 U	5.2 U	0.78 J	5.1 U	5.2 U	5.2 U
BENZO(G,H,I)PERYLENE	6.7	3.6 J	5.4 J	5.1 UJ	5.2 UJ	5.5 UJ	5.1 U	5.2 U	5.2 U
BENZO(K)FLUORANTHENE	4 J	1.2 J	11	5.1 U	5.2 U	5.5 UJ	5.1 U	5.2 U	5.2 U
CHRYSENE	4.6 J	2.7 J	8.4	5.1 U	1.2 J	5.5 U	5.1 U	5.2 U	5.2 U
DIBENZ(A,H)ANTHRACENE	0.59 J	0.77 J	5 U	5.1 U	5.2 U	5.5 UJ	5.1 U	5.2 U	5.2 U
FLUORANTHENE	6.8	2.4 J	4.7 J	5.1 U	5.2 U	5.5 U	0.32 J	0.37 J	0.37 J
FLUORENE	5.7 U	0.22 J	5 U	5.1 U	5.2 U	5.5 U	5.1 U	5.2 U	5.2 U
INDENO(1,2,3-CD)PYRENE	5.4 J	2.2 J	5.7 J	5.1 UJ	5.2 UJ	5.5 UJ	5.1 U	5.2 U	5.2 U
NAPHTHALENE	0.6 J	0.92 J	0.44 J	5.1 U	5.2 U	5.5 U	5.1 U	5.2 U	5.2 U
PHENANTHRENE	2.8 J	1.6 J	2.2 J	5.1 UJ	5.2 UJ	5.5 UJ	0.3 J	0.39 J	0.39 J
PYRENE	10	4.2 J	4.6 J	5.1 U	5.2 U	5.5 U	0.3 J	0.2 J	0.31 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B032	C3S013B033	C3S013B033	C3S013B033	C3S013B033	C3S013B034	C3S013B034	C3S013B034	C3S013B034
Sample Code	C0590724	C0590725	C0590726	C0590727	C0590728	C0590729	C0590730	C0590731	C0590733
Sampling Date	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	6 U	5.2 U	0.25 J	5.3 U	5.6 U	8.2	6.4 J	16 J	8.4
ACENAPHTHENE	6 U	5.2 U	5.2 U	5.3 U	5.6 U	1.5 J	1 J	13	8.6
ACENAPHTHYLENE	6 U	5.2 U	5.2 U	5.3 U	5.6 U	10	12	21	2.8 J
ANTHRACENE	6 U	5.2 U	5.2 U	5.3 U	5.6 U	11	11	72	17
BENZ(A)ANTHRACENE	0.17 J	0.15 J	5.2 U	5.3 U	5.6 U	30	27	200	39
BENZO(A)PYRENE	6 U	5.2 U	5.2 U	5.3 U	5.6 U	54	46	210	27
BENZO(B)FLUORANTHENE	6 U	5.2 U	5.2 U	5.3 U	5.6 U	47	39	180	26
BENZO(G,H,I)PERYLENE	0.32 J	0.63 J	5.2 U	5.3 U	5.6 U	78	84	140	18
BENZO(K)FLUORANTHENE	6 U	5.2 U	5.2 U	5.3 U	5.6 U	32	24	110	17
CHRYSENE	6 U	0.19 J	5.2 U	5.3 U	5.6 U	56	52	260	52
DIBENZ(A,H)ANTHRACENE	6 U	5.2 U	5.2 U	5.3 U	5.6 U	15	13	36	5.4 J
FLUORANTHENE	0.6 J	0.48 J	0.35 J	0.36 J	0.31 J	57	43	550	120
FLUORENE	6 U	5.2 U	5.2 U	5.3 U	5.6 U	2.6 J	2.7 J	31	9
INDENO(1,2,3-CD)PYRENE	0.33 J	5.2 U	5.2 U	5.3 U	5.6 U	48	45	140	16
NAPHTHALENE	0.3 J	5.2 U	5.2 U	5.3 U	0.24 J	14	6.2 J	53 J	27
PHENANTHRENE	0.39 J	0.4 J	0.31 J	0.28 J	0.29 J	33	27	240	18
PYRENE	0.56 J	0.31 J	0.27 J	0.28 J	0.25 J	52	40	420	87

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B035	C3S013B035	C3S013B035	C3S013B035	C3S013B036	C3S013B036	C3S013B036	C3S013B036	C3S013B037
Sample Code	C0590734	C0590735	C0590736	C0590737	C0590738	C0590739	C0590740	C0590741	C0590743
Sampling Date	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003
Sampling Depth (feet bgs)	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.005 U	0.005 U	0.006 U	3	0.005 U	0.005 U	0.006 U	0.006 U	0.026 U
ACENAPHTHENE	0.015 U	0.016 U	0.018 U	0.1 U	0.016 U	0.017 U	0.018 U	0.019 U	0.026 U
ACENAPHTHYLENE	0.015 U	0.016 U	0.018 U	0.1 U	0.016 U	0.017 U	0.018 U	0.019 U	0.026 U
ANTHRACENE	0.005 U	0.005 U	0.006 U	0.1 U	0.005 U	0.005 U	0.006 U	0.006 U	0.026 U
BENZ(A)ANTHRACENE	0.0042 J	0.005 U	0.0067	0.11	0.005 U	0.005 U	0.006 U	0.0038 J	0.026 U
BENZO(A)PYRENE	0.005 U	0.005 UJ	0.0045 J	0.1 U	0.005 U	0.005 U	0.006 U	0.0038 J	0.033
BENZO(B)FLUORANTHENE	0.005 U	0.005 UJ	0.0059 J	0.1 U	0.005 U	0.005 U	0.006 U	0.0054 J	0.026 U
BENZO(G,H,I)PERYLENE	0.0042 J	0.005 UJ	0.006 U	0.1 U	0.005 U	0.005 U	0.006 U	0.0019 J	0.023 J
BENZO(K)FLUORANTHENE	0.005 U	0.005 UJ	0.006 U	0.1 U	0.005 U	0.005 U	0.006 U	0.006 U	0.026 U
CHRYSENE	0.005 U	0.005 U	0.015 J	0.13 J	0.005 U	0.005 U	0.006 U	0.0077 J	0.03 J
DIBENZ(A,H)ANTHRACENE	0.0024 J	0.005 UJ	0.006 U	0.1 U	0.005 U	0.005 U	0.006 U	0.006 U	0.026 U
FLUORANTHENE	0.005 U	0.005 U	0.0088	0.1 U	0.005 U	0.005 U	0.006 U	0.006 U	0.026 U
FLUORENE	0.01 U	0.01 U	0.01 U	0.67 J	0.01 U	0.01 U	0.01 U	0.01 U	0.026 U
INDENO(1,2,3-CD)PYRENE	0.0044 J	0.005 U	0.006 U	0.1 U	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.026 UJ
NAPHTHALENE	0.01 U	0.01 U	0.01 U	3.1	0.01 U	0.01 U	0.01 U	0.01 U	0.026 U
PHENANTHRENE	0.005 U	0.005 U	0.006 U	0.72	0.005 U	0.005 U	0.006 U	0.006 U	0.026 U
PYRENE	0.005 U	0.005 U	0.013	0.1 U	0.005 U	0.005 U	0.006 U	0.01	0.026 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B037	C3S013B037	C3S013B037	C3S013B038	C3S013B038	C3S013B038	C3S013B038	C3S013B039	C3S013B039
Sample Code	C0590744	C0590745	C0590746	C0590747	C0590748	C0590749	C0590750	C0590751	C0590753
Sampling Date	7/28/2003	7/28/2003	7/28/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/28/2003	7/28/2003
Sampling Depth (feet bgs)	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2
Units	MG/KG	MG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.005 U	0.006 U	0.0051 J	14	0.97 J	6.2 U	0.54 J	4.4 J	5.1 J
ACENAPHTHENE	0.016 U	0.017 U	0.019 U	5.3 U	5.2 U	6.2 U	5.8 U	0.64 J	0.45 J
ACENAPHTHYLENE	0.016 U	0.017 U	0.0031 J	5.3 U	5.2 U	6.2 U	5.8 U	2.5 J	1.5 J
ANTHRACENE	0.005 U	0.006 U	0.0091	5.3 U	5.2 U	6.2 U	0.64 J	11	12
BENZ(A)ANTHRACENE	0.005 U	0.006 U	0.027	4.9 J	0.92 J	6.2 U	6.2	25	30
BENZO(A)PYRENE	0.005 U	0.006 U	0.037	1.3 J	0.67 J	6.2 U	6.9	33	53
BENZO(B)FLUORANTHENE	0.005 U	0.006 U	0.042 J	9	1.4 J	6.2 U	6.9	26	39
BENZO(G,H,I)PERYLENE	0.005 U	0.006 U	0.018	9.3	1.9 J	6.2 U	4.2 J	27	29
BENZO(K)FLUORANTHENE	0.005 U	0.006 U	0.014	4.7 J	0.71 J	6.2 U	5.4 J	20	25
CHRYSENE	0.005 U	0.006 U	0.032 J	8.6	1.1 J	0.86 J	7	32	69
DIBENZ(A,H)ANTHRACENE	0.005 U	0.006 U	0.005 J	2.4 J	5.2 UJ	6.2 U	0.93 J	5.9	11
FLUORANTHENE	0.005 U	0.006 U	0.022	2.1 J	0.49 J	6.2 U	8	51	35
FLUORENE	0.01 U	0.01 U	0.003 J	10	5.2 U	6.2 U	5.8 U	1.5 J	1.4 J
INDENO(1,2,3-CD)PYRENE	0.005 UJ	0.006 UJ	0.013 J	2.2 J	0.52 J	6.2 U	3.3 J	32	38
NAPHTHALENE	0.01 U	0.01 U	0.0044 J	8.2	0.64 J	6.2 U	0.6 J	5.9	4.9 J
PHENANTHRENE	0.005 U	0.006 U	0.015	53	4.6 J	6.2 U	2.8 J	19	20
PYRENE	0.005 U	0.006 U	0.032	10	1.1 J	6.2 U	11	45	37

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B039	C3S013B039	C3S013B040	C3S013B040	C3S013B040	C3S013B040	C3S013B041	C3S013B041	C3S013B041
Sample Code	C0590754	C0590755	C0590756	C0590757	C0590758	C0590759	C0590760	C0590761	C0590763
Sampling Date	7/28/2003	7/28/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Sampling Depth (feet bgs)	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	29	1400	27	0.55 J	75		3.9 J	4.4 J	2.2 J
ACENAPHTHENE	1.2 J	59	6.6	0.79 J	19	59	0.37 J	0.59 J	0.77 J
ACENAPHTHYLENE	1.7 J	5.8 U	4.4 J	5.3 U	17	43 U	4.1 J	2.8 J	2.5 J
ANTHRACENE	9	62	13	1.1 J	71	85	5.7	5.1 J	4.9 J
BENZ(A)ANTHRACENE	13	110	97	2.2 J	380	210	26	36	26
BENZO(A)PYRENE	19	160	3.5 J	1.9 J	240	110	47	51	50
BENZO(B)FLUORANTHENE	20	88	100	4.3 J	210	99	31	35	34
BENZO(G,H,I)PERYLENE	18	81	45	4.1 J	150	72	48	56	58
BENZO(K)FLUORANTHENE	14	49	44 J	0.93 J	90	54	21	23	25
CHRYSENE	33	200	310	15	770	410	36	62	34
DIBENZ(A,H)ANTHRACENE	4.5 J	49	22	1.7 J	68	41	26	21	13
FLUORANTHENE	28	110	91	4.3 J	280	210	16	35	38
FLUORENE	6.5	380	25	0.85 J	59	250	1 J	0.91 J	1.5 J
INDENO(1,2,3-CD)PYRENE	25	69	10	1.4 J	130	61	34	32	47
NAPHTHALENE	35	300	7.5	5.3 U	30	57	2.2 J	2.8 J	4.5 J
PHENANTHRENE	27	720	120	8.4	480	140	8.5	14	17
PYRENE	24	130	120	6.8	470	290	20	38	53

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B041	C3S013B042	C3S013B042	C3S013B042	C3S013B042	C3S013B043	C3S013B043	C3S013B043	C3S013B043
Sample Code	C0590764	C0590765	C0590766	C0590767	C0590768	C0590769	C0590770	C0590771	C0590772
Sampling Date	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	17	1.7 J	0.33 J	0.29 J	8.6	5.1 UJ	5.1 UJ	5.3 UJ	5.4 UJ
ACENAPHTHENE	43	6.6 U	5.3 U	5.5 U	0.68 J	5.1 U	5.1 U	5.3 U	5.4 U
ACENAPHTHYLENE	8.5	6.6 U	0.22 J	5.5 U	3.5 J	5.1 U	5.1 U	5.3 U	5.4 U
ANTHRACENE	28	1.8 J	0.3 J	5.5 U	6.5	5.1 U	5.1 U	5.3 U	5.4 U
BENZ(A)ANTHRACENE	28	7.6	2.1 J	0.94 J	60	5.1 U	5.1 U	5.3 U	5.4 U
BENZO(A)PYRENE	0.49 J	13	2.8 J	1.6 J	78	5.1 U	5.1 U	5.3 U	5.4 U
BENZO(B)FLUORANTHENE	29 J	18	3.1 J	1.7 J	68	0.27 J	5.1 U	5.3 U	5.4 U
BENZO(G,H,I)PERYLENE	77	20	5.4	5.6	79	5.1 U	5.1 U	5.3 U	5.4 U
BENZO(K)FLUORANTHENE	15 J	11	2.3 J	0.86 J	61	5.1 U	5.1 U	5.3 U	5.4 U
CHRYSENE	88	21	3.1 J	3 J	73	0.31 J	5.1 U	5.3 U	5.4 U
DIBENZ(A,H)ANTHRACENE	3.4 J	4.2 J	0.73 J	0.96 J	15	5.1 U	5.1 U	5.3 U	5.4 U
FLUORANTHENE	40	23	3.7 J	1.9 J	99	0.37 J	0.24 J	0.3 J	0.45 J
FLUORENE	39	1.3 J	5.3 U	5.5 U	2.1 J	5.1 U	5.1 U	5.3 U	5.4 U
INDENO(1,2,3-CD)PYRENE	13	12	3.3 J	1.4 J	80	5.1 U	5.1 U	5.3 U	5.4 U
NAPHTHALENE	16	2 J	0.47 J	0.42 J	7.7	0.26 J	5.1 UJ	5.3 UJ	5.4 UJ
PHENANTHRENE	37	9.9	1.7 J	0.9 J	35	0.28 J	0.28 J	0.29 J	0.36 J
PYRENE	51	20	4.5 J	2.9 J	95	5.1 U	5.1 U	5.3 U	5.4 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B044	C3S013B044	C3S013B044	C3S013B044	C3S013B045	C3S013B045	C3S013B045	C3S013B045	C3S013B046
Sample Code	C0590774	C0590775	C0590776	C0590777	C0590778	C0590779	C0590780	C0590781	C0590783
Sampling Date	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	5.1 UJ	5.2 UJ	5.2 UJ	5.9 UJ	1.1 J	5.1 U	5.2 U	0.28 J	3.8 J
ACENAPHTHENE	5.1 U	5.2 U	5.2 U	5.9 U	5.1 U	5.1 U	5.2 U	5.4 U	0.96 J
ACENAPHTHYLENE	5.1 U	5.2 U	5.2 U	5.9 U	0.52 J	5.1 U	5.2 U	5.4 U	13
ANTHRACENE	5.1 U	5.2 U	5.2 U	5.9 U	0.76 J	5.1 U	5.2 U	5.4 U	12
BENZ(A)ANTHRACENE	5.1 U	5.2 U	0.14 J	5.9 U	5.1 U	5.1 U	5.2 U	5.4 U	21
BENZO(A)PYRENE	5.1 U	5.2 U	5.2 U	5.9 U	5.1 U	5.1 U	5.2 U	5.4 U	46
BENZO(B)FLUORANTHENE	0.23 J	5.2 U	5.2 U	5.9 U	5.1 U	5.1 U	5.2 U	5.4 U	76
BENZO(G,H,I)PERYLENE	0.49 J	5.2 U	5.2 U	0.37 J	72	0.35 J	5.2 U	0.56 J	110
BENZO(K)FLUORANTHENE	5.1 U	5.2 U	5.2 U	5.9 U	5.1 U	5.1 U	5.2 U	5.4 U	5.2 U
CHRYSENE	5.1 U	5.2 U	0.16 J	0.33 J	5.1 U	5.1 U	0.22 J	0.36 J	75
DIBENZ(A,H)ANTHRACENE	5.1 U	5.2 U	5.2 U	5.9 U	5.1 U	5.1 U	5.2 U	5.4 U	5.2 U
FLUORANTHENE	0.45 J	5.2 U	0.34 J	0.64 J	1.8 J	0.21 J	0.19 J	0.35 J	32
FLUORENE	5.1 U	5.2 U	5.2 U	5.9 U	1.4 J	5.1 U	5.2 U	5.4 U	2.1 J
INDENO(1,2,3-CD)PYRENE	0.28 J	5.2 U	5.2 U	5.9 U	5.1 U	5.1 U	5.2 U	5.4 U	39
NAPHTHALENE	5.1 UJ	5.2 UJ	5.2 UJ	5.9 UJ	1.2 J	5.1 U	5.2 U	0.23 J	3.8 J
PHENANTHRENE	0.28 J	5.2 U	0.4 J	0.34 J	1.2 J	5.1 U	5.2 U	5.4 U	14
PYRENE	5.1 U	5.2 U	5.2 U	5.9 U	1.3 J	5.1 U	5.2 U	5.4 U	32

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B046	C3S013B046	C3S013B046	C3S013B047	C3S013B047	C3S013B047	C3S013B047	C3S013B048	C3S013B048
Sample Code	C0590784	C0590785	C0590786	C0590787	C0590788	C0590789	C0590790	C0590791	C0590793
Sampling Date	7/29/2003	7/29/2003	7/29/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003	7/28/2003
Sampling Depth (feet bgs)	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2
Units	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	8.7	2.4 J	3.7 J	1.5	0.005 U	0.06 U	0.099	0.005 U	0.005 U
ACENAPHTHENE	2.2 J	0.26 J	0.43 J	0.5 U	0.016 U	0.06 U	0.017 U	0.015 U	0.016 U
ACENAPHTHYLENE	18	2.1 J	3.6 J	0.5 U	0.016 U	0.06 U	0.017 U	0.015 U	0.016 U
ANTHRACENE	17	2.4 J	11	0.5 U	0.005 U	0.032 J	0.006 U	0.005 U	0.005 U
BENZ(A)ANTHRACENE	49	10	11	1.2	0.005 U	0.077	0.006 U	0.005 U	0.005 U
BENZO(A)PYRENE	82	13	17	0.43 J	0.005 U	0.023 J	0.006 U	0.005 U	0.005 U
BENZO(B)FLUORANTHENE	73	11	17	1.1	0.005 U	0.031 J	0.006 U	0.005 U	0.005 U
BENZO(G,H,I)PERYLENE	110	12	52	0.6	0.005 U	0.043 J	0.006 U	0.005 U	0.005 U
BENZO(K)FLUORANTHENE	52	9.8	8.9	0.5 U	0.005 U	0.06 U	0.006 U	0.005 U	0.005 U
CHRYSENE	81	12	42	3.4 J	0.005 U	0.11 J	0.006 U	0.005 U	0.005 U
DIBENZ(A,H)ANTHRACENE	26	2.7 J	7.2	0.38 J	0.005 U	0.06 U	0.006 U	0.005 U	0.005 U
FLUORANTHENE	83	18	150	0.5 U	0.005 U	0.06 U	0.006 U	0.005 U	0.005 U
FLUORENE	2.7 J	5.7 U	1.3 J	3.1 J	0.01 U	0.06 U	0.01 U	0.01 U	0.01 U
INDENO(1,2,3-CD)PYRENE	79	10	26	0.5 U	0.005 U	0.06 U	0.006 U	0.005 UJ	0.005 U
NAPHTHALENE	9.2	4.8 J	2.2 J	0.14 J	0.01 U	0.06 U	0.15	0.01 U	0.01 U
PHENANTHRENE	35	6.8	6.5	9.1	0.005 U	0.081	0.006 U	0.005 U	0.005 U
PYRENE	77	20	33	2.3	0.005 U	0.065	0.006 U	0.005 U	0.005 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B048	C3S013B048	C3S013B049	C3S013B049	C3S013B049	C3S013B049	C3S013B050	C3S013B050	C3S013B050
Sample Code	C0590794	C0590795	C0590796	C0590797	C0590798	C0590799	C0590800	C0590801	C0590803
Sampling Date	7/28/2003	7/28/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.006 U	0.06 U	0.1 UJ	0.005 UJ	0.005 UJ	0.029 UJ	0.01 UJ	0.005 UJ	0.006 UJ
ACENAPHTHENE	0.018 U	0.06 U	0.1 UJ	0.016 UJ	0.016 UJ	0.029 UJ	0.011 UJ	0.016 UJ	0.017 UJ
ACENAPHTHYLENE	0.018 U	0.06 U	0.1 UJ	0.016 UJ	0.016 UJ	0.029 UJ	0.011 UJ	0.016 UJ	0.017 UJ
ANTHRACENE	0.006 U	0.06 U	0.1 U	0.0013 J	0.005 U	0.029 U	0.011 U	0.005 U	0.006 U
BENZ(A)ANTHRACENE	0.006 U	0.23	0.16 J	0.005 UJ	0.005 UJ	0.025 J	0.011 UJ	0.005 UJ	0.006 UJ
BENZO(A)PYRENE	0.006 U	0.2	0.1 UJ	0.0087 J	0.005 UJ	0.029 UJ	0.011 UJ	0.005 UJ	0.006 UJ
BENZO(B)FLUORANTHENE	0.006 U	0.17	0.1 UJ	0.0099 J	0.005 UJ	0.029 UJ	0.011 UJ	0.005 UJ	0.006 UJ
BENZO(G,H,I)PERYLENE	0.006 U	0.083	0.1 UJ	0.0083 J	0.005 UJ	0.019 J	0.0065 J	0.005 UJ	0.006 UJ
BENZO(K)FLUORANTHENE	0.006 U	0.024 J	0.1 UJ	0.0041 J	0.005 UJ	0.029 UJ	0.011 UJ	0.005 UJ	0.006 UJ
CHRYSENE	0.006 U	0.47 J	0.1 UJ	0.0058 J	0.005 UJ	0.029 UJ	0.011 UJ	0.005 UJ	0.006 UJ
DIBENZ(A,H)ANTHRACENE	0.006 U	0.064	0.1 UJ	0.005 UJ	0.005 UJ	0.029 UJ	0.011 UJ	0.005 UJ	0.006 UJ
FLUORANTHENE	0.006 U	0.06 U	0.1 UJ	0.019 J	0.005 UJ	0.029 UJ	0.011 UJ	0.005 UJ	0.006 UJ
FLUORENE	0.01 U	0.06 U	0.1 UJ	0.01 UJ	0.01 UJ	0.029 UJ	0.011 UJ	0.01 UJ	0.01 UJ
INDENO(1,2,3-CD)PYRENE	0.006 U	0.056 J	0.1 UJ	0.0062 J	0.005 UJ	0.022 J	0.011 UJ	0.005 UJ	0.006 UJ
NAPHTHALENE	0.01 U	0.06 U	0.1 UJ	0.01 UJ	0.01 UJ	0.029 UJ	0.011 UJ	0.01 UJ	0.01 UJ
PHENANTHRENE	0.006 U	0.06 U	0.1 UJ	0.0053 J	0.005 UJ	0.029 UJ	0.011 UJ	0.005 UJ	0.006 UJ
PYRENE	0.006 U	0.58	0.1 UJ	0.01 J	0.005 UJ	0.011 J	0.011 UJ	0.005 UJ	0.006 UJ

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B050	C3S013B051	C3S013B051	C3S013B051	C3S013B051	C3S013B052	C3S013B052	C3S013B052	C3S013B052
Sample Code	C0590804	C0590805	C0590806	C0590807	C0590808	C0590809	C0590810	C0590811	C0590813
Sampling Date	7/29/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Sampling Depth (feet bgs)	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8
Units	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.006 U	3.1 J	3.1 J	3.5 J	57	3 J	0.64 J	32	100
ACENAPHTHENE	0.018 U	5.1 U	0.29 J	0.86 J	110	5.3 U	5.4 U	17	350
ACENAPHTHYLENE	0.018 UJ	2.1 J	1.4 J	2.4 J	720	0.77 J	0.37 J	30	60
ANTHRACENE	0.0015 J	2.1 J	3.4 J	28	1200	0.98 J	0.47 J	45	800
BENZ(A)ANTHRACENE	0.0089 J	8.1	13	20	4300	5.1 J	2.2 J	290	2900
BENZO(A)PYRENE	0.0035 J	12	18	26	5200	7.6	5.2 J	350	1000
BENZO(B)FLUORANTHENE	0.004 J	17	15	21	3200	12	9.6	210	800
BENZO(G,H,I)PERYLENE	0.0048 J	60	24	34	2900	29	15	250	340
BENZO(K)FLUORANTHENE	0.006 UJ	7.2	12	16	3500	3.3 J	2.4 J	160	310
CHRYSENE	0.0039 J	23	25	28	4300	23	18	500	4900
DIBENZ(A,H)ANTHRACENE	0.0021 J	16	6.4	11	840	7.1	6	53	290
FLUORANTHENE	0.0034 J	12	20	36	7400	4.6 J	3.1 J	340	1100
FLUORENE	0.01 U	1.6 J	0.72 J	2.2 J	280	3.2 J	0.4 J	27	1500
INDENO(1,2,3-CD)PYRENE	0.0046 J	15	13	27	3300	8.5	6.2	240	180
NAPHTHALENE	0.01 U	2.7 J	2.9 J	8.9	110	1.9 J	5.4 U	23	110
PHENANTHRENE	0.0024 J	9	14	24	3000	8.5	1.7 J	88	370
PYRENE	0.0042 J	12	24	38	7100	7.4	4.3 J	490	2700

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B053	C3S013B053	C3S013B053	C3S013B053	C3S013B054	C3S013B054	C3S013B054	C3S013B054	C3S013B055
Sample Code	C0590814	C0590815	C0590816	C0590817	C0590818	C0590819	C0590820	C0590821	C0590823
Sampling Date	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/29/2003
Sampling Depth (feet bgs)	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	15	59	4.7 J	3.1 J	55 U	54 U	54 U	55 U	5.1 UJ
ACENAPHTHENE	3.4 J	7.6	0.85 J	0.41 J	55 U	54 U	54 U	55 U	5.1 U
ACENAPHTHYLENE	2.3 J	3.9 J	0.58 J	2.1 J	55 U	54 U	54 U	55 U	5.1 U
ANTHRACENE	26	29	2.7 J	2.7 J	55 U	54 U	54 U	55 U	0.37 J
BENZ(A)ANTHRACENE	150	260	32	21	55 U	54 U	6.9 J	6.6 J	1.4 J
BENZO(A)PYRENE	150	470	49	30	17 J	54 U	7.2 J	7.4 J	1.2 J
BENZO(B)FLUORANTHENE	130	290	31	18	55 U	54 U	54 U	55 U	1 J
BENZO(G,H,I)PERYLENE	110	410	45	34	55 U	54 U	54 U	55 U	3.4 J
BENZO(K)FLUORANTHENE	51	100	14	15	55 U	54 U	54 U	55 U	0.92 J
CHRYSENE	350	420	45	30	55 U	54 U	14 J	11 J	1.4 J
DIBENZ(A,H)ANTHRACENE	72	320	31	12	55 U	54 U	54 U	55 U	5.1 U
FLUORANTHENE	46	61	19	8.7	55 U	54 U	54 U	4.4 J	3 J
FLUORENE	7.6	16	1.1 J	1.1 J	55 U	54 U	54 U	55 U	5.1 U
INDENO(1,2,3-CD)PYRENE	63	190	23	17	55 U	54 U	54 U	55 U	1 J
NAPHTHALENE	5.4 J	25	2.3 J	2.2 J	55 U	54 U	54 U	55 U	5.1 UJ
PHENANTHRENE	66	79	8.8	6.5	55 U	54 U	3.5 J	7.8 J	1.8 J
PYRENE	100	200	20	12	55 U	54 U	5.9 J	7.6 J	2.8 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B055	C3S013B055	C3S013B055	C3S013B056	C3S013B056	C3S013B056	C3S013B056	C3S013B057	C3S013B057
Sample Code	C0590824	C0590825	C0590826	C0590827	C0590828	C0590829	C0590830	C0590831	C0590833
Sampling Date	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	5.2 UJ	5.3 UJ	5.8 UJ	1.5 J	0.29 J	0.33 J	0.45 J	0.73 J	5.2 U
ACENAPHTHENE	5.2 U	5.3 U	5.8 U	0.32 J	5.1 U	5.2 U	6.6 U	5.2 U	5.2 U
ACENAPHTHYLENE	5.2 U	5.3 U	5.8 U	0.92 J	5.1 U	5.2 U	6.6 U	0.18 J	5.2 U
ANTHRACENE	5.2 U	5.3 U	5.8 U	1 J	5.1 U	5.2 U	6.6 U	0.27 J	5.2 U
BENZ(A)ANTHRACENE	5.2 U	5.3 U	5.8 U	3.4 J	5.1 U	5.2 U	6.6 U	1.7 J	5.2 U
BENZO(A)PYRENE	5.2 U	5.3 U	5.8 U	5.1 U	5.1 U	5.2 U	6.6 U	5.2 U	5.2 U
BENZO(B)FLUORANTHENE	5.2 U	5.3 U	5.8 U	5.1 U	5.1 U	5.2 U	6.6 U	5.2 U	5.2 U
BENZO(G,H,I)PERYLENE	5.2 U	5.3 U	5.8 U	65	2.3 J	5.2 U	6.6 U	56	5.2 U
BENZO(K)FLUORANTHENE	5.2 U	5.3 U	5.8 U	5.1 U	5.1 U	5.2 U	6.6 U	5.2 U	5.2 U
CHRYSENE	5.2 U	5.3 U	5.8 U	16	5.1 U	5.2 U	6.6 U	2.2 J	5.2 U
DIBENZ(A,H)ANTHRACENE	5.2 U	5.3 U	5.8 U	5.1 U	5.1 U	5.2 U	6.6 U	5.2 U	5.2 U
FLUORANTHENE	0.3 J	0.36 J	0.38 J	5.9	5.1 U	5.2 U	6.6 U	5.2 U	5.2 U
FLUORENE	5.2 U	5.3 U	5.8 U	0.87 J	5.1 U	0.21 J	6.6 U	0.56 J	5.2 U
INDENO(1,2,3-CD)PYRENE	5.2 U	5.3 U	5.8 U	5.1 U	5.1 U	5.2 U	6.6 U	5.2 U	5.2 U
NAPHTHALENE	5.2 UJ	5.3 UJ	5.8 UJ	1.3 J	5.1 U	5.2 U	6.6 U	5.2 U	5.2 U
PHENANTHRENE	0.3 J	0.22 J	5.8 U	2.9 J	5.1 U	5.2 U	6.6 U	5.2 U	5.2 U
PYRENE	5.2 U	5.3 U	5.8 U	6.2	5.1 U	5.2 U	6.6 U	5.2 U	5.2 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B057	C3S013B057	C3S013B058	C3S013B058	C3S013B058	C3S013B058	C3S013B059	C3S013B059	C3S013B059
Sample Code	C0590834	C0590835	C0590836	C0590837	C0590838	C0590839	C0590840	C0590841	C0590843
Sampling Date	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	5.2 U	5.9 U	2 J	5.1 U	5.1 U	6.1 U	0.1 U	0.005 U	0.01 U
ACENAPHTHENE	5.2 U	5.9 U	5.1 U	5.1 U	5.1 U	6.1 U	0.1 U	0.016 U	0.01 U
ACENAPHTHYLENE	5.2 U	5.9 U	1.5 J	5.1 U	5.1 U	0.2 J	0.1 U	0.016 U	0.01 U
ANTHRACENE	5.2 U	5.9 U	1.6 J	5.1 U	5.1 U	6.1 U	0.1 U	0.005 U	0.01 U
BENZ(A)ANTHRACENE	5.2 U	5.9 U	5.1 U	0.71 J	0.17 J	6.1 U	0.16	0.005 U	0.01 U
BENZO(A)PYRENE	5.2 U	5.9 U	5.1 U	5.1 U	5.1 U	6.1 U	0.1 U	0.005 U	0.01 U
BENZO(B)FLUORANTHENE	5.2 U	5.9 U	5.1 U	1 J	0.27 J	6.1 U	0.1 U	0.005 U	0.01 U
BENZO(G,H,I)PERYLENE	5.2 U	5.9 U	120	16	0.38 J	6.1 U	0.1 U	0.005 U	0.01 U
BENZO(K)FLUORANTHENE	5.2 U	5.9 U	5.1 U	0.5 J	0.23 J	6.1 U	0.1 U	0.005 U	0.01 U
CHRYSENE	5.2 U	5.9 U	5.4	0.59 J	0.29 J	6.1 U	0.1 U	0.005 U	0.01 U
DIBENZ(A,H)ANTHRACENE	5.2 U	5.9 U	5.1 U	5.1 U	5.1 U	6.1 U	0.1 U	0.005 U	0.01 U
FLUORANTHENE	5.2 U	5.9 U	4 J	1.4 J	0.44 J	0.36 J	0.1 U	0.005 U	0.01 U
FLUORENE	5.2 U	5.9 U	2.1 J	5.1 U	5.1 U	6.1 U	0.1 U	0.01 U	0.01 U
INDENO(1,2,3-CD)PYRENE	5.2 U	5.9 U	5.1 U	5.1 U	0.29 J	6.1 U	0.1 U	0.005 U	0.01 U
NAPHTHALENE	5.2 U	5.9 U	1.8 J	0.35 J	5.1 U	6.1 U	0.1 U	0.01 U	0.01 U
PHENANTHRENE	5.2 U	5.9 U	5.2	5.1 U	5.1 U	6.1 U	0.1 U	0.005 U	0.01 U
PYRENE	5.2 U	5.9 U	5.1	1.5 J	5.1 U	6.1 U	0.1 U	0.005 U	0.01 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B059	C3S013B060	C3S013B060	C3S013B060	C3S013B060	C3S013B061	C3S013B061	C3S013B061	C3S013B061
Sample Code	C0590844	C0590845	C0590846	C0590847	C0590848	C0590849	C0590850	C0590851	C0590853
Sampling Date	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.005 U	0.005 UJ	0.005 UJ	0.006 UJ	1.2 J	0.05 U	0.005 U	0.005 U	0.072
ACENAPHTHENE	0.016 U	0.015 UJ	0.016 UJ	0.018 UJ	0.06 UJ	0.05 U	0.016 U	0.016 U	0.018 U
ACENAPHTHYLENE	0.016 U	0.015 UJ	0.016 UJ	0.018 UJ	0.06 UJ	0.05 U	0.016 U	0.016 U	0.018 U
ANTHRACENE	0.005 U	0.005 U	0.005 U	0.0018 J	0.06 U	0.05 U	0.005 U	0.005 U	0.006 U
BENZ(A)ANTHRACENE	0.012	0.005 UJ	0.005 UJ	0.0087 UJ	0.06 UJ	0.05 U	0.005 U	0.005 U	0.006 U
BENZO(A)PYRENE	0.016	0.005 UJ	0.005 UJ	0.0041 J	0.06 UJ	0.05 U	0.005 U	0.005 U	0.006 U
BENZO(B)FLUORANTHENE	0.018	0.005 UJ	0.005 UJ	0.0049 J	0.06 UJ	0.05 U	0.005 U	0.005 U	0.006 U
BENZO(G,H,I)PERYLENE	0.022	0.005 UJ	0.005 UJ	0.0073 J	0.06 UJ	0.05 U	0.005 U	0.005 U	0.006 U
BENZO(K)FLUORANTHENE	0.0045 J	0.005 UJ	0.005 UJ	0.0049 J	0.06 UJ	0.05 U	0.005 U	0.005 U	0.006 U
CHRYSENE	0.021	0.005 UJ	0.005 UJ	0.0052 J	0.06 UJ	0.05 U	0.005 U	0.005 U	0.006 U
DIBENZ(A,H)ANTHRACENE	0.0046 J	0.005 UJ	0.005 UJ	0.0067 J	0.06 UJ	0.05 U	0.005 U	0.005 U	0.006 U
FLUORANTHENE	0.015	0.005 UJ	0.005 UJ	0.004 J	0.06 UJ	0.05 U	0.005 U	0.005 U	0.006 U
FLUORENE	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.2 J	0.05 U	0.01 U	0.01 U	0.01 U
INDENO(1,2,3-CD)PYRENE	0.011	0.005 UJ	0.005 UJ	0.0082 J	0.06 UJ	0.05 U	0.005 U	0.005 U	0.006 U
NAPHTHALENE	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.66 J	0.05 U	0.01 U	0.01 U	0.01 U
PHENANTHRENE	0.0061	0.005 UJ	0.005 UJ	0.0023 J	0.43 J	0.05 U	0.005 U	0.005 U	0.027 J
PYRENE	0.023	0.005 UJ	0.005 UJ	0.0048 J	0.06 UJ	0.05 U	0.005 U	0.005 U	0.006 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B062	C3S013B062	C3S013B062	C3S013B062	C3S013B063	C3S013B063	C3S013B063	C3S013B063
Sample Code	C0590854	C0590855	C0590856	C0590857	C0590858	C0590859	C0590860	C0590861
Sampling Date	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Sampling Depth (feet bgs)	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte								
2-METHYLNAPHTHALENE	0.005 UJ	0.005 UJ	0.006 UJ	0.0043 J	0.1 U	0.1 U	0.033	0.061
ACENAPHTHENE	0.016 UJ	0.016 UJ	0.018 UJ	0.017 UJ	0.1 U	0.1 U	0.027 U	0.029 U
ACENAPHTHYLENE	0.016 UJ	0.016 UJ	0.018 UJ	0.017 UJ	0.1 U	0.1 U	0.027 U	0.029 U
ANTHRACENE	0.005 U	0.005 U	0.006 U	0.006 U	0.1 UJ	0.1 UJ	0.027 UJ	0.029 UJ
BENZ(A)ANTHRACENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.1 UJ	0.1 UJ	0.3 J	0.011 J
BENZO(A)PYRENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.075 J	0.1 U	0.15	0.018 J
BENZO(B)FLUORANTHENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.1 U	0.1 U	0.18	0.011 J
BENZO(G,H,I)PERYLENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.062 J	0.049 J	0.067	0.025 J
BENZO(K)FLUORANTHENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.1 U	0.1 U	0.1	0.029 U
CHRYSENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.06 J	0.37	0.33	0.02 J
DIBENZ(A,H)ANTHRACENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.1 U	0.1 U	0.044	0.013 J
FLUORANTHENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.1 U	0.1 U	0.15	0.029 U
FLUORENE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.1 U	0.1 U	0.14	0.008 J
INDENO(1,2,3-CD)PYRENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.1 U	0.1 U	0.047	0.012 J
NAPHTHALENE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.1 U	0.1 U	0.027 U	0.048
PHENANTHRENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.1 U	0.1 U	0.23	0.029 U
PYRENE	0.005 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.1 U	0.19	0.22	0.013 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B064	C3S013B064	C3S013B064	C3S013B064	C3S013B065	C3S013B065	C3S013B065	C3S013B065	C3S013B066
Sample Code	C0590863	C0590864	C0590865	C0590866	C0590867	C0590868	C0590869	C0590870	C0590871
Sampling Date	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/30/2003
Sampling Depth (feet bgs)	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	53 U	8.3 J	27 J	4.1 J	0.028 U	0.0047 J		0.028 U	9.5
ACENAPHTHENE	53 U	110 U	56 U	5.8 U	0.028 UJ	0.027 UJ	0.06 UJ	0.028 UJ	5.2 U
ACENAPHTHYLENE	53 U	110 U	56 U	5.8 U	0.028 U	0.027 U	0.06 U	0.028 U	5.2 U
ANTHRACENE	53 U	110 U	24 J	0.86 J	0.028 UJ	0.027 UJ	0.06 UJ	0.028 UJ	0.55 J
BENZ(A)ANTHRACENE	53 UJ	65 J	120 J	7.4 J	0.028 UJ	0.031 J	0.06 UJ	0.028 UJ	7.1
BENZO(A)PYRENE	10 J	110 UJ	120 J	10 J	0.028 UJ	0.029 J	0.06 UJ	0.028 UJ	3.7 J
BENZO(B)FLUORANTHENE	7.8 J	100 J	120 J	8.7 J	0.028 UJ	0.02 J	0.06 UJ	0.028 UJ	1.2 J
BENZO(G,H,I)PERYLENE	11 J	49 J	68 J	5.1 J	0.028 UJ	0.046 J	0.06 UJ	0.028 UJ	4.3 J
BENZO(K)FLUORANTHENE	3.5 J	41 J	100 J	5.9 J	0.028 UJ	0.027 UJ	0.06 UJ	0.028 UJ	3.5 J
CHRYSENE	8.5 J	280 J	210 J	12 J	0.028 UJ	0.018 J	0.06 UJ	0.028 UJ	2.6 J
DIBENZ(A,H)ANTHRACENE	3.8 J	18 J	21 J	2.1 J	0.028 U	0.024 J	0.06 U	0.028 U	5.2 UJ
FLUORANTHENE	53 U	48 J	120	4.8 J	0.028 UJ	0.027 UJ	0.06 UJ	0.028 UJ	1.7 J
FLUORENE	53 U	110 U	24 J	1.3 J	0.028 U	0.027 U	0.06 U	0.028 U	5.2 U
INDENO(1,2,3-CD)PYRENE	53 U	110 UJ	54 J	2.9 J	0.028 UJ	0.031 J	0.06 UJ	0.028 UJ	5.2 UJ
NAPHTHALENE	53 U	110 U	21 J	1.3 J	0.028 U	0.027 U	0.06 U	0.028 U	5.7
PHENANTHRENE	53 U	50 J	69	4.1 J	0.028 UJ	0.027 UJ	0.06 UJ	0.028 UJ	4.3 J
PYRENE	53 U	88 J	150	6	0.028 UJ	0.027 UJ	0.06 UJ	0.028 UJ	1.7 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B066	C3S013B066	C3S013B066	C3S013B067	C3S013B067	C3S013B067	C3S013B067	C3S013B068	C3S013B068
Sample Code	C0590873	C0590874	C0590875	C0590876	C0590877	C0590878	C0590879	C0590880	C0590881
Sampling Date	7/30/2003	7/30/2003	7/30/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Sampling Depth (feet bgs)	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2
Units	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.33 J	5.2 UJ	0.88 J	0.1 UJ	0.1 UJ	0.028 UJ	7.9 J	0.05 U	0.0015 J
ACENAPHTHENE	5.1 U	5.2 UJ	5.9 U	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.05 U	0.016 U
ACENAPHTHYLENE	5.1 U	5.2 UJ	5.9 U	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.05 U	0.016 U
ANTHRACENE	5.1 U	5.2 UJ	5.9 U	0.1 U	0.1 U	0.028 U	0.029 UJ	0.05 U	0.005 U
BENZ(A)ANTHRACENE	7.7	1.1 J	3.7 J	0.18 J	0.19 J	0.027 J	0.029 UJ	0.061	0.0082
BENZO(A)PYRENE	4.5 J	1.5 J	8.2	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.02 J	0.0084
BENZO(B)FLUORANTHENE	1.5 J	1.1 J	2 J	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.028 J	0.0061
BENZO(G,H,I)PERYLENE	2.8 J	5.2 UJ	5.2 J	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.051	0.013
BENZO(K)FLUORANTHENE	2.7 J	1.3 J	6.1	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.05 U	0.005 U
CHRYSENE	4.7 J	1.1 J	4 J	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.052	0.0066
DIBENZ(A,H)ANTHRACENE	2.5 J	0.34 J	4.8 J	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.05 U	0.0062
FLUORANTHENE	0.64 J	1.6 J	2.3 J	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.05 U	0.005 U
FLUORENE	5.1 U	5.2 UJ	5.9 U	0.1 UJ	0.1 UJ	0.028 UJ	0.71 J	0.05 U	0.01 U
INDENO(1,2,3-CD)PYRENE	5.1 U	1.6 J	4.7 J	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.05 U	0.0073
NAPHTHALENE	5.1 U	5.2 UJ	0.74 J	0.1 UJ	0.1 UJ	0.028 UJ	3.3 J	0.05 U	0.01 U
PHENANTHRENE	0.67 J	0.54 J	2.2 J	0.1 UJ	0.1 UJ	0.028 UJ	1.2 J	0.05 U	0.005 U
PYRENE	1.2 J	2.2 J	2.8 J	0.1 UJ	0.1 UJ	0.028 UJ	0.029 UJ	0.05 U	0.0034 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B068	C3S013B068	C3S013B069	C3S013B069	C3S013B069	C3S013B069	C3S013B070	C3S013B070	C3S013B070
Sample Code	C0590883	C0590884	C0590885	C0590886	C0590887	C0590888	C0590889	C0590890	C0590891
Sampling Date	7/29/2003	7/29/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Sampling Depth (feet bgs)	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	UG/KG	UG/KG	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.005 U	1.5	0.05 U	0.014 J	0.018 J	0.03	13 J	27 J	11 J
ACENAPHTHENE	0.016 U	0.041	0.05 U	0.05 U	0.16 U	0.017 U	53 U	54 U	54 U
ACENAPHTHYLENE	0.016 U	0.036	0.05 UJ	0.05 UJ	0.069 J	0.017 UJ	53 U	54 U	54 U
ANTHRACENE	0.005 U	0.028 U	0.05 UJ	0.05 UJ	0.033 J	0.006 UJ	53 U	54 U	54 U
BENZ(A)ANTHRACENE	0.005 U	0.028 U	0.063 J	0.095 J	0.14 J	0.006 UJ	20 J	26 J	19 J
BENZO(A)PYRENE	0.005 U	0.028 U	0.026 J	0.1 J	0.54 J	0.006 UJ	30 J	35 J	25 J
BENZO(B)FLUORANTHENE	0.005 U	0.028 U	0.028 J	0.095 J	0.35 J	0.006 UJ	35 J	37 J	23 J
BENZO(G,H,I)PERYLENE	0.005 U	0.028 U	0.047 J	0.1 J	0.62 J	0.006 UJ	23 J	31 J	24 J
BENZO(K)FLUORANTHENE	0.005 U	0.028 U	0.05 UJ	0.02 J	0.086 J	0.006 UJ	14 J	17 J	10 J
CHRYSENE	0.005 U	0.028 U	0.034 J	0.088 J	0.12 J	0.006 UJ	54 J	69 J	37 J
DIBENZ(A,H)ANTHRACENE	0.005 U	0.028 U	0.05 UJ	0.066 J	0.33 J	0.006 UJ	8.6 J	9.9 J	8.7 J
FLUORANTHENE	0.005 U	0.028 U	0.05 UJ	0.05 UJ	0.084 J	0.006 UJ	15 J	21 J	8.2 J
FLUORENE	0.01 U	0.028 U	0.05 U	0.05 U	0.1 U	0.01 U	53 U	12 J	54 U
INDENO(1,2,3-CD)PYRENE	0.005 U	0.028 U	0.041 J	0.067 J	0.38 J	0.006 UJ	53 U	54 U	10 J
NAPHTHALENE	0.01 U	0.72	0.05 U	0.05 U	0.031 J	0.027	5.3 J	130	46 J
PHENANTHRENE	0.005 U	0.2	0.05 U	0.05 U	0.038 J	0.006 U	34 J	27 J	9.6 J
PYRENE	0.005 U	0.028 U	0.024 J	0.05 UJ	0.098 J	0.006 UJ	21 J	41 J	19 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B070	C3S013B072	C3S013B072	C3S013B072	C3S013B072	C3S013B073	C3S013B073	C3S013B073	C3S013B073
Sample Code	C0590893	C0590898	C0590899	C0590900	C0590901	C0590903	C0590904	C0590905	C0590906
Sampling Date	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Sampling Depth (feet bgs)	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	150	1.1 J	5.3 U	5.2 U	5.9 U	0.026 U	0.0044 J	0.0032 J	0.034
ACENAPHTHENE	8.3	5.2 U	5.3 U	5.2 U	5.9 U	0.026 U	0.026 U	0.016 U	0.028 U
ACENAPHTHYLENE	10	5.2 U	5.3 U	5.2 U	5.9 U	0.026 U	0.026 U	0.016 U	0.028 U
ANTHRACENE	2.6 J	0.69 J	5.3 U	5.2 U	5.9 U	0.026 U	0.026 U	0.005 U	0.028 UJ
BENZ(A)ANTHRACENE	24 J	45	3 J	2.1 J	0.78 J	0.028	0.033	0.013	0.047 J
BENZO(A)PYRENE	39 J	63 J	2.4 J	0.74 J	1.2 J	0.012 J	0.024 J	0.019 J	0.032
BENZO(B)FLUORANTHENE	31 J	18 J	1 J	5.2 UJ	0.61 J	0.0089 J	0.017 J	0.013	0.026 J
BENZO(G,H,I)PERYLENE	21 J	22 J	5.3 U	5.2 U	0.65 J	0.024 J	0.037 J	0.022 J	0.041
BENZO(K)FLUORANTHENE	20 J	35 J	5.3 U	5.2 U	0.8 J	0.026 U	0.026 U	0.0029 J	0.028 U
CHRYSENE	53 J	56	1.2 J	5.2 U	0.74 J	0.026 U	0.015 J	0.014	0.02 J
DIBENZ(A,H)ANTHRACENE	12 J	20 J	5.3 U	5.2 U	0.44 J	0.013 J	0.021 J	0.012 J	0.02 J
FLUORANTHENE	5.6 J	4.4 J	0.76 J	5.2 U	0.71 J	0.026 U	0.026 U	0.0039 J	0.028 U
FLUORENE	48	5.2 U	5.3 U	5.2 U	5.9 U	0.026 U	0.026 U	0.01 U	0.028 U
INDENO(1,2,3-CD)PYRENE	10 J	17 J	5.3 U	5.2 U	0.58 J	0.026 UJ	0.026 J	0.011 J	0.03
NAPHTHALENE	67	0.87 J	5.3 U	5.2 U	5.9 U	0.026 U	0.026 U	0.0022 J	0.019 J
PHENANTHRENE	52	2.8 J	5.3 U	5.2 U	5.9 U	0.026 U	0.026 U	0.003 J	0.0097 J
PYRENE	15	16	1.1 J	5.2 U	0.89 J	0.026 U	0.026 U	0.0039 J	0.017 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B074	C3S013B074	C3S013B074	C3S013B074	C3S013B075	C3S013B075	C3S013B075	C3S013B075	C3S013B076
Sample Code	C0590907	C0590908	C0590909	C0590910	C0590911	C0590913	C0590914	C0590915	C0590916
Sampling Date	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Sampling Depth (feet bgs)	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	25 J	88	130	13 J	9.3	1.1 J	5.7 U	66	0.0031 J
ACENAPHTHENE	54 U	11 J	34 J	60 U	4.5 J	5.5 U	5.7 U	5.2 J	0.016 U
ACENAPHTHYLENE	54 U	54 U	29 J	60 U	1.3 J	5.5 U	5.7 U	3.8 J	0.016 U
ANTHRACENE	25 J	12 J	19 J	10 J	61 J	0.86 J	5.7 U	4.1 J	0.0018 J
BENZ(A)ANTHRACENE	210 J	72 J	60 J	46 J	450	7.3	0.6 J	6.9 J	0.023
BENZO(A)PYRENE	270 J	74 J	44 J	47 J	500	12 J	0.84 J	4.5 J	0.033 J
BENZO(B)FLUORANTHENE	280	97	41 J	63	650	10 J	1 J	3.8 J	0.023
BENZO(G,H,I)PERYLENE	190	52 J	30 J	26 J	250 J	14 J	3 J	3.6 J	0.038 J
BENZO(K)FLUORANTHENE	210	63	24 J	33 J	450	6.9 J	5.7 U	1.6 J	0.0062
CHRYSENE	340 J	110 J	97 J	110 J	550	10	0.57 J	10 J	0.026
DIBENZ(A,H)ANTHRACENE	56	16 J	13 J	7.4 J	61 J	6.5 J	5.7 U	2 J	0.021 J
FLUORANTHENE	360	92	27 J	74	970	7.5	0.89 J	3.6 J	0.0083
FLUORENE	19 J	31 J	220	17 J	8.7	2.8 J	5.7 U	52	0.01 U
INDENO(1,2,3-CD)PYRENE	140	38 J	15 J	24 J	360	10 J	3.2 J	2.3 J	0.017 J
NAPHTHALENE	8.7 J	24 J	37 J	4.2 J	4.8 J	0.93 J	5.7 U	14	0.0015 J
PHENANTHRENE	200	70	40 J	63	390	7.5	0.45 J	73	0.0055
PYRENE	350	110	66	79	850	9.9	0.95 J	6.9	0.0088

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B076	C3S013B076	C3S013B076	C3S013B077	C3S013B077	C3S013B077	C3S013B077	C3S013B078	C3S013B078
Sample Code	C0590917	C0590918	C0590919	C0590920	C0590921	C0590923	C0590924	C0590925	C0590926
Sampling Date	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Sampling Depth (feet bgs)	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.028 U	0.0046 J	0.006 U	0.002 J	0.0031 J	0.0022 J	0.006 U	0.1 U	0.005 U
ACENAPHTHENE	0.028 U	0.017 U	0.018 U	0.016 U	0.018 U	0.018 U	0.018 U	0.1 U	0.016 U
ACENAPHTHYLENE	0.028 U	0.017 U	0.018 U	0.016 U	0.018 U	0.018 U	0.018 U	0.1 U	0.016 U
ANTHRACENE	0.028 U	0.006 U	0.006 U	0.005 UJ	0.006 UJ	0.006 UJ	0.006 UJ	0.1 U	0.005 U
BENZ(A)ANTHRACENE	0.028 U	0.02	0.006 U	0.0062 J	0.0065 J	0.006 UJ	0.006 UJ	0.1 U	0.0046 J
BENZO(A)PYRENE	0.028 UJ	0.031 J	0.006 UJ	0.013	0.012	0.006 U	0.006 U	0.1 UJ	0.005 UJ
BENZO(B)FLUORANTHENE	0.028 U	0.019	0.006 U	0.013	0.01	0.006 U	0.006 U	0.1 U	0.0018 J
BENZO(G,H,I)PERYLENE	0.028 UJ	0.038 J	0.006 UJ	0.013	0.012	0.006 U	0.006 U	0.1 UJ	0.0041 J
BENZO(K)FLUORANTHENE	0.028 U	0.0049 J	0.006 U	0.0078	0.0065	0.006 U	0.006 U	0.1 U	0.005 U
CHRYSENE	0.028 U	0.021	0.006 U	0.0094	0.0093	0.006 U	0.006 U	0.1 U	0.005 U
DIBENZ(A,H)ANTHRACENE	0.028 UJ	0.02 J	0.006 UJ	0.011	0.011	0.006 U	0.006 U	0.1 UJ	0.005 UJ
FLUORANTHENE	0.028 U	0.006 U	0.006 U	0.0029 J	0.006 U	0.006 U	0.006 U	0.041 J	0.005 U
FLUORENE	0.028 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U	0.01 U
INDENO(1,2,3-CD)PYRENE	0.028 UJ	0.015 J	0.006 UJ	0.0073	0.0061	0.006 U	0.006 U	0.1 UJ	0.004 J
NAPHTHALENE	0.028 U	0.0024 J	0.01 U	0.01 U	0.0014 J	0.01 U	0.01 U	0.1 U	0.01 U
PHENANTHRENE	0.028 U	0.0047 J	0.006 U	0.002 J	0.0035 J	0.006 U	0.006 U	0.1 U	0.005 U
PYRENE	0.028 U	0.0057 J	0.006 U	0.0039 J	0.0027 J	0.006 U	0.006 U	0.1 U	0.002 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B078	C3S013B078	C3S013B079	C3S013B079	C3S013B079	C3S013B079	C3S013B080	C3S013B080	C3S013B080
Sample Code	C0590927	C0590928	C0590929	C0590930	C0590931	C0590933	C0590934	C0590935	C0590936
Sampling Date	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Sampling Depth (feet bgs)	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.005 U	0.006 U	0.057 J	0.005 U	0.005 U	1.2	3.7	9	39
ACENAPHTHENE	0.016 U	0.017 U	0.16 U	0.016 U	0.016 U	0.11	0.2 U	0.2 U	0.77
ACENAPHTHYLENE	0.016 U	0.017 U	0.06 U	0.016 U	0.016 U	0.089	0.2 U	0.2 U	0.87
ANTHRACENE	0.005 U	0.006 U	0.013 J	0.005 UJ	0.005 UJ	0.48 J	0.2 U	0.2 U	12
BENZ(A)ANTHRACENE	0.005 U	0.006 U	0.08 J	0.0025 J	0.0027 J	0.7 J	0.49	0.43	3.4
BENZO(A)PYRENE	0.005 UJ	0.0019 J	0.051 J	0.0032 J	0.0056	0.63	0.45 J	0.16 J	0.41 J
BENZO(B)FLUORANTHENE	0.005 U	0.006 U	0.07	0.0033 J	0.0031 J	0.79	0.46	0.22	0.97
BENZO(G,H,I)PERYLENE	0.005 UJ	0.006 UJ	0.066	0.0044 J	0.011	0.29	0.37 J	0.17 J	0.34 J
BENZO(K)FLUORANTHENE	0.005 U	0.006 U	0.06 U	0.0026 J	0.0027 J	0.44	0.2 U	0.2 U	0.92
CHRYSENE	0.005 U	0.006 U	0.06	0.0037 J	0.0037 J	0.82	1	0.9	4.6
DIBENZ(A,H)ANTHRACENE	0.005 UJ	0.006 UJ	0.06 U	0.005 U	0.005 U	0.11	0.2 UJ	0.2 UJ	1.3 J
FLUORANTHENE	0.005 U	0.006 U	0.048 J	0.0069	0.0062	1.6	0.2 U	0.2 U	0.96
FLUORENE	0.01 U	0.01 U	0.06 U	0.01 U	0.01 U	0.3	0.2 U	0.2 U	9.1
INDENO(1,2,3-CD)PYRENE	0.005 UJ	0.006 UJ	0.036 J	0.0023 J	0.0037 J	0.21	0.23 J	0.2 UJ	0.6 J
NAPHTHALENE	0.01 U	0.01 U	0.015 J	0.01 U	0.01 U	0.2	1.2	2.7	6.4
PHENANTHRENE	0.005 U	0.006 U	0.069	0.0022 J	0.0022 J	1.2	2.2	3.2	9.6
PYRENE	0.005 U	0.006 U	0.078	0.0078	0.0077	1.8	0.2 U	0.2 U	1.5

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-44: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	C3S013B080	C3S013B081	C3S013B081	C3S013B081	C3S013B081	C3S013B082	C3S013B082	C3S013B082	C3S013B082
Sample Code	C0590937	C0590938	C0590939	C0590940	C0590941	C0590943	C0590944	C0590945	C0590946
Sampling Date	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Sampling Depth (feet bgs)	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8	0 - 0.5	.5 - 2	2 - 4	4 - 8
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	3.6	0.06 U	0.23	12	22	0.0058	0.006 U	0.006 U	0.006 U
ACENAPHTHENE	0.03 U	0.06 U	0.06 U	0.06 U	0.06 U	0.016 U	0.017 U	0.017 U	0.018 U
ACENAPHTHYLENE	0.03 U	0.06 U	0.06 U	0.06 U	0.06 U	0.0016 J	0.017 U	0.017 U	0.018 U
ANTHRACENE	0.03 U	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.0032 J	0.006 U	0.006 U	0.006 U
BENZ(A)ANTHRACENE	0.03 U	0.049 J	0.06 UJ	0.06 UJ	0.06 UJ	0.028	0.006 U	0.006 U	0.006 U
BENZO(A)PYRENE	0.052 J	0.025 J	0.06 U	0.06 U	0.06 U	0.047 J	0.006 UJ	0.006 UJ	0.006 UJ
BENZO(B)FLUORANTHENE	0.03 U	0.031 J	0.06 U	0.06 U	0.06 U	0.041	0.006 U	0.006 U	0.006 U
BENZO(G,H,I)PERYLENE	0.053 J	0.06 U	0.06 U	0.06 U	0.06 U	0.044 J	0.006 UJ	0.006 UJ	0.006 UJ
BENZO(K)FLUORANTHENE	0.03 U	0.06 U	0.06 U	0.06 U	0.06 U	0.0088	0.006 U	0.006 U	0.006 U
CHRYSENE	0.03 U	0.04 J	0.06 U	0.045 J	0.11	0.034	0.006 U	0.006 U	0.006 U
DIBENZ(A,H)ANTHRACENE	0.03 UJ	0.06 U	0.06 U	0.06 U	0.06 U	0.022 J	0.006 UJ	0.006 UJ	0.006 UJ
FLUORANTHENE	0.03 U	0.06 U	0.06 U	0.06 U	0.06 U	0.0073	0.006 U	0.006 U	0.006 U
FLUORENE	0.75	0.06 U	0.06 U	0.43	0.66	0.01 U	0.01 U	0.01 U	0.01 U
INDENO(1,2,3-CD)PYRENE	0.03 UJ	0.06 U	0.06 U	0.06 U	0.06 U	0.026 J	0.006 UJ	0.006 UJ	0.006 UJ
NAPHTHALENE	1.1	0.023 J	0.19	5.1	10	0.0027 J	0.01 U	0.01 U	0.01 U
PHENANTHRENE	0.83	0.06 U	0.06 U	0.98	1.6	0.0069	0.006 U	0.006 U	0.006 U
PYRENE	0.18	0.06 U	0.06 U	0.06 U	0.06 U	0.018	0.006 U	0.006 U	0.006 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-13	B-15	B-16
Sample Code	18591-1	18591-3	18591-4	18591-5	18591-6	18591-7	18591-8	18606-1	18606-2	18620-1	18606-3
Sampling Date	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989
Sampling Depth (feet bgs)	5.5 -	5 -	5.5 -	4.5 -	4.5 -	5.5 -	4.5 -	3.5 -	3 -	5.5 -	5 -
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0
Analyte											
1,2,4-TRICHLOROBENZENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
1,2-DICHLOROBENZENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
1,2-DIPHENYLHYDRAZINE											
1,3-DICHLOROBENZENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
1,4-DICHLOROBENZENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2,2'-OXYBIS(1-CHLOROPROPANE)	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2,4,5-TRICHLOROPHENOL	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
2,4,6-TRICHLOROPHENOL	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2,4-DICHLOROPHENOL	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2,4-DIMETHYLPHENOL	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2,4-DINITROPHENOL	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
2,4-DINITROTOLUENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2,6-DINITROTOLUENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2-CHLORONAPHTHALENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2-CHLOROPHENOL	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2-METHYLNAPHTHALENE	330 U	330 U	330 U	220	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2-METHYLPHENOL	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
2-NITROANILINE	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
2-NITROPHENOL	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
3,3'-DICHLOROBENZIDINE	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
3-METHYL PHENOL											
3-NITROANILINE	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
4,6-DINITRO-2-METHYLPHENOL	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
4-BROMOPHENYL-PHENYLETHER	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
4-CHLORO-3-METHYLPHENOL	660 U	660 U	660 U	100 U	660 U	660 U	660 U	660 U	1000 U	660 U	660 U
4-CHLOROANILINE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
4-CHLOROPHENYL-PHENYLETHER	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
4-METHYLPHENOL	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
4-NITROANILINE	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
4-NITROPHENOL	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
ANILINE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
AZOBENZENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
BENZIDINE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
BENZOIC ACID	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
BENZYL ALCOHOL	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-13	B-15	B-16
Sample Code	18591-1	18591-3	18591-4	18591-5	18591-6	18591-7	18591-8	18606-1	18606-2	18620-1	18606-3
Sampling Date	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989
Sampling Depth (feet bgs)	5.5 -	5 -	5.5 -	4.5 -	4.5 -	5.5 -	4.5 -	3.5 -	3 -	5.5 -	5 -
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0
Analyte											
BIS(2-CHLOROETHOXY)METHANE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
BIS(2-CHLOROETHYL)ETHER	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
BIS(2-ETHYLHEXYL)PHTHALATE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
BUTYLBENZYLPHTHALATE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
CARBAZOLE											
DIBENZOFURAN	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
DIETHYLPHTHALATE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
DIMETHYLPHTHALATE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
DI-N-BUTYLPHTHALATE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
DI-N-OCTYLPHTHALATE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
HEXACHLOROBENZENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
HEXACHLOROBUTADIENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
HEXACHLOROCYCLOPENTADIENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
HEXACHLOROETHANE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
ISOPHORONE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
NITROBENZENE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
N-NITROSODIMETHYLAMINE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
N-NITROSO-DI-N-PROPYLAMINE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
N-NITROSODIPHENYLAMINE	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
PENTACHLOROPHENOL	1650 U	1650 U	1650 U	500 U	1650 U	1650 U	1650 U	1650 U	5000 U	1650 U	1650 U
PHENOL	330 U	330 U	330 U	100 U	330 U	330 U	330 U	330 U	1000 U	330 U	330 U
PYRIDINE											

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-38	B13-38	B13-38	B13-38	B13-39	B13-39	B13-39	B13-39	B13-39
Sample Code	ALA13B38-1	ALA13B38-3	ALA13B38-4	ALA13B38-2	ALA13B39-3	ALA13B39-4	ALA13B39-5	ALA13B39-1	ALA13B39-2
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	0 - 1.5	10 - 10.5	15.5 - 16	4.5 - 5	11.5 - 12	14 - 14.5	16 - 16.5	3 - 3.5	8 - 8.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
1,2,4-TRICHLOROBENZENE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
1,2-DICHLOROBENZENE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
1,4-DICHLOROBENZENE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)	350 U	400 UJ	400 U	800 U	580 U	500 U	400 U	360 U	400 UJ
2,4,5-TRICHLOROPHENOL	890 U	990 U	990 U	2000 U	1500 U	1200 U	990 U	900 U	990 U
2,4,6-TRICHLOROPHENOL	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
2,4-DICHLOROPHENOL	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
2,4-DIMETHYLPHENOL	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
2,4-DINITROPHENOL	890 UJ	990 UJ	990 U	2000 UJ	1500 UJ	1200 UJ	990 U	900 UJ	990 UJ
2,4-DINITROTOLUENE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
2,6-DINITROTOLUENE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
2-CHLORONAPHTHALENE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
2-CHLOROPHENOL	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
2-METHYLNAPHTHALENE	350 U	400 UJ	400 U	800 U	580 U	500 U	400 U	360 UJ	400 UJ
2-METHYLPHENOL	350 U	400 UJ	400 U	800 U	580 U	500 U	400 U	360 U	400 UJ
2-NITROANILINE	890 U	990 U	990 U	2000 U	1500 U	1200 U	990 U	900 U	990 U
2-NITROPHENOL	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
3,3'-DICHLOROBENZIDINE	350 U	400 UJ	400 UJ	800 U	580 U	500 U	400 UJ	360 U	400 UJ
3-METHYL PHENOL									
3-NITROANILINE	890 U	990 UJ	990 UJ	2000 U	1500 U	1200 U	990 UJ	900 U	990 UJ
4,6-DINITRO-2-METHYLPHENOL	890 UJ	990 UJ	990 U	2000 UJ	1500 UJ	1200 UJ	990 U	900 U	990 UJ
4-BROMOPHENYL-PHENYLETHER	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
4-CHLORO-3-METHYLPHENOL	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
4-CHLOROANILINE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
4-CHLOROPHENYL-PHENYLETHER	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
4-METHYLPHENOL	350 U	400 UJ	400 U	800 U	580 U	500 U	400 U	360 U	400 UJ
4-NITROANILINE	890 U	990 UJ	990 UJ	2000 U	1500 U	1200 U	990 UJ	900 U	990 UJ
4-NITROPHENOL	890 U	990 U	990 U	2000 U	1500 U	1200 U	990 U	900 U	990 U
ANILINE									
AZOBENZENE									
BENZIDINE									
BENZOIC ACID									
BENZYL ALCOHOL									

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-38	B13-38	B13-38	B13-38	B13-39	B13-39	B13-39	B13-39	B13-39
Sample Code	ALA13B38-1	ALA13B38-3	ALA13B38-4	ALA13B38-2	ALA13B39-3	ALA13B39-4	ALA13B39-5	ALA13B39-1	ALA13B39-2
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	0 - 1.5	10 - 10.5	15.5 - 16	4.5 - 5	11.5 - 12	14 - 14.5	16 - 16.5	3 - 3.5	8 - 8.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BIS(2-CHLOROETHOXY)METHANE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
BIS(2-CHLOROETHYL)ETHER	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	350 U	3000 UJ	400 U	5500 UJ	580 U	500 UJ	400 U	360 U	400 U
BUTYLBENZYLPHTHALATE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
CARBAZOLE	350 U	400 UJ	400 UJ	800 U	580 U	500 U	400 UJ	360 U	400 UJ
DIBENZOFURAN	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
DIETHYLPHTHALATE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
DIMETHYLPHTHALATE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
DI-N-BUTYLPHTHALATE	31 J	43 J	400 U	800 U	580 U	34 J	400 U	360 U	32 J
DI-N-OCTYLPHTHALATE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
HEXACHLOROBENZENE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
HEXACHLOROBUTADIENE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
HEXACHLOROCYCLOPENTADIENE	350 UJ	400 UJ	400 UJ	800 UJ	580 UJ	500 UJ	400 UJ	360 UJ	400 UJ
HEXACHLOROETHANE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
ISOPHORONE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
NITROBENZENE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
N-NITROSODIMETHYLAMINE									
N-NITROSO-DI-N-PROPYLAMINE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
N-NITROSODIPHENYLAMINE	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
PENTACHLOROPHENOL	890 U	990 U	990 U	2000 U	1500 U	1200 U	990 U	900 U	990 U
PHENOL	350 U	400 U	400 U	800 U	580 U	500 U	400 U	360 U	400 U
PYRIDINE									

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-40	B13-40	B13-40	B13-40	B13-40	B13-41	B13-41	B13-41	B13-41
Sample Code	ALA13B40-1	ALA13B40-4	ALA13B40-5	ALA13B40-2	ALA13B40-3	ALA13B41-1	ALA13B41-7	ALA13B41-8	ALA13B41-2
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	.5 - 1	13 - 13.5	15.5 - 16	4.5 - 5	9.5 - 10	.5 - 1	11 - 11.5	15 - 15.5	4.5 - 5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
1,2,4-TRICHLOROBENZENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
1,2-DICHLOROBENZENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
1,4-DICHLOROBENZENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2,2'-OXYBIS(1-CHLOROPROPANE)	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2,4,5-TRICHLOROPHENOL	1000 U	1100 U	990 U	990 UJ	990 U	870 U	1000 UJ	980 UJ	970 UJ
2,4,6-TRICHLOROPHENOL	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2,4-DICHLOROPHENOL	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2,4-DIMETHYLPHENOL	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2,4-DINITROPHENOL	1000 UJ	1100 UJ	990 U	990 UJ	990 UJ	870 UJ	1000 UJ	980 UJ	970 UJ
2,4-DINITROTOLUENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2,6-DINITROTOLUENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2-CHLORONAPHTHALENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2-CHLOROPHENOL	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2-METHYLNAPHTHALENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2-METHYLPHENOL	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
2-NITROANILINE	1000 U	1100 U	990 U	990 UJ	990 U	870 U	1000 UJ	980 UJ	970 UJ
2-NITROPHENOL	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
3,3'-DICHLOROBENZIDINE	410 U	460 U	400 UJ	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
3-METHYL PHENOL									
3-NITROANILINE	1000 U	1100 U	990 UJ	990 UJ	990 U	870 U	1000 UJ	980 UJ	970 UJ
4,6-DINITRO-2-METHYLPHENOL	1000 UJ	1100 UJ	990 U	990 UJ	990 UJ	870 UJ	1000 UJ	980 UJ	970 UJ
4-BROMOPHENYL-PHENYLETHER	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
4-CHLORO-3-METHYLPHENOL	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
4-CHLOROANILINE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
4-CHLOROPHENYL-PHENYLETHER	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
4-METHYLPHENOL	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
4-NITROANILINE	1000 U	1100 U	990 UJ	990 UJ	990 U	870 U	1000 UJ	980 UJ	970 UJ
4-NITROPHENOL	1000 U	1100 U	990 U	990 UJ	990 U	870 U	1000 UJ	980 UJ	970 UJ
ANILINE									
AZOBENZENE									
BENZIDINE									
BENZOIC ACID									
BENZYL ALCOHOL									

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-40	B13-40	B13-40	B13-40	B13-40	B13-41	B13-41	B13-41	B13-41
Sample Code	ALA13B40-1	ALA13B40-4	ALA13B40-5	ALA13B40-2	ALA13B40-3	ALA13B41-1	ALA13B41-7	ALA13B41-8	ALA13B41-2
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	.5 - 1	13 - 13.5	15.5 - 16	4.5 - 5	9.5 - 10	.5 - 1	11 - 11.5	15 - 15.5	4.5 - 5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BIS(2-CHLOROETHOXY)METHANE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
BIS(2-CHLOROETHYL)ETHER	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	410 U	460 U	400 U	400 UJ	400 U	350 UJ	400 UJ	390 UJ	390 UJ
BUTYLBENZYLPHTHALATE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
CARBAZOLE	410 U	460 U	400 UJ	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
DIBENZOFURAN	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
DIETHYLPHTHALATE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
DIMETHYLPHTHALATE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
DI-N-BUTYLPHTHALATE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
DI-N-OCTYLPHTHALATE	410 U	460 U	400 U	400 UJ	400 U	350 UJ	400 UJ	390 UJ	390 UJ
HEXACHLOROBENZENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
HEXACHLOROBUTADIENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
HEXACHLOROCYCLOPENTADIENE	410 UJ	460 UJ	400 UJ	400 UJ	400 UJ	350 UJ	400 UJ	390 UJ	390 UJ
HEXACHLOROETHANE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
ISOPHORONE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
NITROBENZENE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
N-NITROSODIMETHYLAMINE									
N-NITROSO-DI-N-PROPYLAMINE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
N-NITROSODIPHENYLAMINE	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
PENTACHLOROPHENOL	1000 U	1100 U	990 U	990 UJ	990 U	870 U	1000 UJ	980 UJ	970 UJ
PHENOL	410 U	460 U	400 U	400 UJ	400 U	350 U	400 UJ	390 UJ	390 UJ
PYRIDINE									

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-41	B13-41	B13-41	B13-41	B13-42	B13-42	B13-42	B13-42	B13-42
Sample Code	ALA13B41-3	ALA13B41-4	ALA13B41-5	ALA13B41-6	ALA13B42-6	ALA13B42-7	ALA13B42-8	ALA13B42-1	ALA13B42-2
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	7 - 7.5	8 - 8.5	8.5 - 9	9 - 9.5	12.5 - 13	15.5 - 16	19.5 - 20	3 - 3.5	5.5 - 6
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
1,2,4-TRICHLOROBENZENE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
1,2-DICHLOROBENZENE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
1,4-DICHLOROBENZENE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	414 U	400 UJ	12000 U
2,2'-OXYBIS(1-CHLOROPROPANE)	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
2,4,5-TRICHLOROPHENOL	150000 U	27000 U	1100 UJ	34000 U	5000 U	970 U	1000 U	990 UJ	30000 U
2,4,6-TRICHLOROPHENOL	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
2,4-DICHLOROPHENOL	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
2,4-DIMETHYLPHENOL	12000 J	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
2,4-DINITROPHENOL			1100 UJ		5000 U	970 U	1000 U	990 UJ	
2,4-DINITROTOLUENE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
2,6-DINITROTOLUENE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
2-CHLORONAPHTHALENE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
2-CHLOROPHENOL	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
2-METHYLNAPHTHALENE	160000	13000	43 J	29000	6900 J	72 J	410 UJ	400 UJ	12000 U
2-METHYLPHENOL	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
2-NITROANILINE	150000 U	27000 U	1100 UJ	34000 U	5000 U	970 U	1000 U	990 UJ	30000 U
2-NITROPHENOL	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
3,3'-DICHLOROBENZIDINE	62000 U	11000 U	430 UJ	14000 U	2000 UJ	390 UJ	410 UJ	400 UJ	12000 U
3-METHYL PHENOL									
3-NITROANILINE	150000 U	27000 U	1100 UJ	34000 U	5000 UJ	970 UJ	1000 UJ	990 UJ	30000 U
4,6-DINITRO-2-METHYLPHENOL	150000 U	27000 U	1100 UJ	34000 U	5000 U	970 U	1000 U	990 UJ	30000 U
4-BROMOPHENYL-PHENYLETHER	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
4-CHLORO-3-METHYLPHENOL	62000 U	6700 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
4-CHLOROANILINE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
4-CHLOROPHENYL-PHENYLETHER	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
4-METHYLPHENOL	62000 U	11000 U	430 UJ	14000 U	2000 UJ	390 UJ	410 UJ	400 UJ	12000 U
4-NITROANILINE	150000 U	27000 U	1100 UJ	34000 U	5000 UJ	970 UJ	1000 UJ	990 UJ	30000 U
4-NITROPHENOL	150000 U	27000 U	1100 UJ	34000 U	5000 U	970 U	1000 U	990 UJ	30000 U
ANILINE									
AZOBENZENE									
BENZIDINE									
BENZOIC ACID									
BENZYL ALCOHOL									

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-41	B13-41	B13-41	B13-41	B13-42	B13-42	B13-42	B13-42	B13-42
Sample Code	ALA13B41-3	ALA13B41-4	ALA13B41-5	ALA13B41-6	ALA13B42-6	ALA13B42-7	ALA13B42-8	ALA13B42-1	ALA13B42-2
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	7 - 7.5	8 - 8.5	8.5 - 9	9 - 9.5	12.5 - 13	15.5 - 16	19.5 - 20	3 - 3.5	5.5 - 6
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BIS(2-CHLOROETHOXY)METHANE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
BIS(2-CHLOROETHYL)ETHER	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
BIS(2-ETHYLHEXYL)PHTHALATE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
BUTYLBENZYLPHTHALATE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
CARBAZOLE	5900 J	11000 U	430 UJ	14000 U	2000 UJ	390 UJ	410 UJ	400 UJ	12000 U
DIBENZOFURAN	6900 J	11000 U	23 J	1600 J	2000 U	390 U	410 U	400 UJ	12000 U
DIETHYLPHTHALATE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
DIMETHYLPHTHALATE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
DI-N-BUTYLPHTHALATE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
DI-N-OCTYLPHTHALATE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
HEXACHLOROBENZENE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
HEXACHLOROBUTADIENE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
HEXACHLOROCYCLOPENTADIENE	62000 U	11000 U	430 UJ	14000 U	2000 UJ	390 UJ	410 UJ	400 UJ	12000 U
HEXACHLOROETHANE	62000 U	11000 U	430 UJ	14000 U	2000 UJ	390 UJ	410 UJ	400 UJ	12000 U
ISOPHORONE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
NITROBENZENE	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
N-NITROSODIMETHYLAMINE									
N-NITROSO-DI-N-PROPYLAMINE	62000 U	11000 U	430 UJ	14000 U	2000 UJ	390 UJ	410 UJ	400 UJ	12000 U
N-NITROSODIPHENYLAMINE	62000 U	11000 U	430 UJ	14000 U	4500 J	390 U	410 U	400 UJ	12000 U
PENTACHLOROPHENOL	150000 U	27000 U	1100 UJ	34000 U	5000 U	970 U	1000 U	990 UJ	30000 U
PHENOL	62000 U	11000 U	430 UJ	14000 U	2000 U	390 U	410 U	400 UJ	12000 U
PYRIDINE									

Notes:

UG/KG *Micrograms per kilogram*

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-42	B13-42	B13-42	B13-43	B13-43	B13-43	B13-43	B13-44	B13-44
Sample Code	ALA13B42-3	ALA13B42-4	ALA13B42-5	ALA13B43-3	ALA13B43-4	ALA13B43-1	ALA13B43-2	ALA13B44-5	ALA13B44-6
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/6/1994	4/6/1994
Sampling Depth (feet bgs)	6.5 - 7	7.5 - 8	9.5 - 10	12 - 12.5	14.5 - 15	3.5 - 4	9.5 - 10	11.5 - 12	14.5 - 15
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
1,2,4-TRICHLOROBENZENE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 UJ
1,2-DICHLOROBENZENE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
1,4-DICHLOROBENZENE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2,2'-OXYBIS(1-CHLOROPROPANE)	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2,4,5-TRICHLOROPHENOL	1000 UJ	990 U	970 U	890 UJ	990 UJ	990 UJ	990 UJ	980 U	970 U
2,4,6-TRICHLOROPHENOL	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2,4-DICHLOROPHENOL	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2,4-DIMETHYLPHENOL	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2,4-DINITROPHENOL	1000 UJ	990 U	970 U	890 UJ	990 UJ	990 UJ	990 UJ		
2,4-DINITROTOLUENE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2,6-DINITROTOLUENE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2-CHLORONAPHTHALENE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2-CHLOROPHENOL	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2-METHYLNAPHTHALENE	780 J	1200 J	390 UJ	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2-METHYLPHENOL	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
2-NITROANILINE	1000 UJ	990 U	970 U	890 UJ	990 UJ	990 UJ	990 UJ	980 U	970 U
2-NITROPHENOL	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
3,3'-DICHLOROBENZIDINE	420 UJ	400 UJ	390 UJ	350 UJ	400 UJ	400 UJ	400 UJ	390 UJ	390 U
3-METHYL PHENOL									
3-NITROANILINE	1000 UJ	990 UJ	970 UJ	890 UJ	990 UJ	990 UJ	990 UJ	980 U	970 U
4,6-DINITRO-2-METHYLPHENOL	1000 UJ	990 U	970 U	890 UJ	990 UJ	990 UJ	990 UJ	980 UJ	970 UJ
4-BROMOPHENYL-PHENYLETHER	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
4-CHLORO-3-METHYLPHENOL	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
4-CHLOROANILINE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
4-CHLOROPHENYL-PHENYLETHER	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
4-METHYLPHENOL	420 UJ	400 UJ	390 UJ	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
4-NITROANILINE	1000 UJ	990 UJ	970 UJ	890 UJ	990 UJ	990 UJ	990 UJ	980 U	970 U
4-NITROPHENOL	1000 UJ	990 U	970 U	890 UJ	990 UJ	990 UJ	990 UJ	980 UJ	970 U
ANILINE									
AZOBENZENE									
BENZIDINE									
BENZOIC ACID									
BENZYL ALCOHOL									

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-42	B13-42	B13-42	B13-43	B13-43	B13-43	B13-43	B13-44	B13-44
Sample Code	ALA13B42-3	ALA13B42-4	ALA13B42-5	ALA13B43-3	ALA13B43-4	ALA13B43-1	ALA13B43-2	ALA13B44-5	ALA13B44-6
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/6/1994	4/6/1994
Sampling Depth (feet bgs)	6.5 - 7	7.5 - 8	9.5 - 10	12 - 12.5	14.5 - 15	3.5 - 4	9.5 - 10	11.5 - 12	14.5 - 15
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BIS(2-CHLOROETHOXY)METHANE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
BIS(2-CHLOROETHYL)ETHER	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
BIS(2-ETHYLHEXYL)PHTHALATE	3800 UJ	400 U	390 UJ	350 UJ	400 UJ	400 UJ	400 UJ	390 UJ	390 U
BUTYLBENZYLPHTHALATE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
CARBAZOLE	420 UJ	400 UJ	390 UJ	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
DIBENZOFURAN	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
DIETHYLPHTHALATE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
DIMETHYLPHTHALATE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
DI-N-BUTYLPHTHALATE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
DI-N-OCTYLPHTHALATE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
HEXACHLOROBENZENE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
HEXACHLOROBUTADIENE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
HEXACHLOROCYCLOPENTADIENE	420 UJ	400 UJ	390 UJ	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
HEXACHLOROETHANE	420 UJ	400 UJ	390 UJ	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
ISOPHORONE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
NITROBENZENE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
N-NITROSODIMETHYLAMINE									
N-NITROSO-DI-N-PROPYLAMINE	420 UJ	400 UJ	390 UJ	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 UJ
N-NITROSODIPHENYLAMINE	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
PENTACHLOROPHENOL	1000 UJ	990 U	970 U	890 UJ	990 UJ	990 UJ	990 UJ	980 UJ	970 U
PHENOL	420 UJ	400 U	390 U	350 UJ	400 UJ	400 UJ	400 UJ	390 U	390 U
PYRIDINE									

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-44	B13-44	B13-44	B13-44	B13-44	B-IMF-01	B-IMF-02	B-IMF-06	BOR-6	BOR-6
Sample Code	ALA13B44-6D	ALA13B44-1	ALA13B44-2	ALA13B44-3	ALA13B44-4	IMF-01-08	IMF-02-04	IMF-06-04	BOR-6 [0.5-1.0]	BOR-6 [5.5-6.0]
Sampling Date	4/6/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994	7/30/1991	7/31/1991	7/31/1991	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	15 - 15.5	2 - 2.5	3.5 - 4	6 - 6.5	8.5 - 9	8 - 8.5	4 - 4.5	4 - 4.5	.5 - 1	5.5 - 6
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/L	UG/L	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	IMF RA	IMF RA	IMF RA	PH 1&2A 1991	PH 1&2A 1991
Analyte										
1,2,4-TRICHLOROBENZENE	390 UJ	360 U	1900 U	390 U	390 U				350 U	380 U
1,2-DICHLOROBENZENE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
1,2-DIPHENYLHYDRAZINE									350 U	380 U
1,3-DICHLOROBENZENE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
1,4-DICHLOROBENZENE	390 U	360 U	1900 U	390 U	390 U	10 U	10 U	10 U	350 U	380 U
2,2'-OXYBIS(1-CHLOROPROPANE)	390 U	360 U	1900 U	390 U	390 U					
2,4,5-TRICHLOROPHENOL	970 U	900 U	4700 U	970 U	970 U	30 U	30 U	30 U	1700 U	1800 U
2,4,6-TRICHLOROPHENOL	390 U	360 U	1900 U	390 U	390 U	45 U	45 U	45 U	350 U	380 U
2,4-DICHLOROPHENOL	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
2,4-DIMETHYLPHENOL	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
2,4-DINITROPHENOL				970 UJ					1700 U	1800 U
2,4-DINITROTOLUENE	390 U	360 U	1900 U	390 U	390 U	20 U	20 U	20 U	350 U	380 U
2,6-DINITROTOLUENE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
2-CHLORONAPHTHALENE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
2-CHLOROPHENOL	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
2-METHYLNAPHTHALENE	390 U	360 U	1900 U	560	390 U				350 U	380 U
2-METHYLPHENOL	390 U	360 U	1900 U	390 U	390 U	20 U	20 U	9.7	350 U	380 U
2-NITROANILINE	970 U	900 U	4700 U	970 U	970 U				1700 U	1800 U
2-NITROPHENOL	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
3,3'-DICHLOROBENZIDINE	390 UJ	360 UJ	1900 UJ	390 UJ	390 UJ				690 U	760 U
3-METHYL PHENOL						20 U	20 U	19		
3-NITROANILINE	970 U	900 U	4700 U	970 U	970 U				1700 U	1800 U
4,6-DINITRO-2-METHYLPHENOL	970 UJ	900 UJ	4700 UJ	970 UJ	970 UJ				1700 U	1800 U
4-BROMOPHENYL-PHENYLETHER	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
4-CHLORO-3-METHYLPHENOL	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
4-CHLOROANILINE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
4-CHLOROPHENYL-PHENYLETHER	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
4-METHYLPHENOL	390 U	360 U	1900 U	390 U	390 U	20 U	20 U	14	350 U	380 U
4-NITROANILINE	970 U	900 U	4700 U	970 U	970 U				1700 U	1800 U
4-NITROPHENOL	970 UJ	900 UJ	4700 UJ	970 U	970 UJ				1700 U	1800 U
ANILINE										
AZOBENZENE										
BENZIDINE										
BENZOIC ACID									1700 U	1800 U
BENZYL ALCOHOL									350 U	380 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-44	B13-44	B13-44	B13-44	B13-44	B-IMF-01	B-IMF-02	B-IMF-06	BOR-6	BOR-6
Sample Code	ALA13B44-6D	ALA13B44-1	ALA13B44-2	ALA13B44-3	ALA13B44-4	IMF-01-08	IMF-02-04	IMF-06-04	BOR-6 [0.5-1.0]	BOR-6 [5.5-6.0]
Sampling Date	4/6/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994	7/30/1991	7/31/1991	7/31/1991	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	15 - 15.5	2 - 2.5	3.5 - 4	6 - 6.5	8.5 - 9	8 - 8.5	4 - 4.5	4 - 4.5	.5 - 1	5.5 - 6
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/L	UG/L	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	IMF RA	IMF RA	IMF RA	PH 1&2A 1991	PH 1&2A 1991
Analyte										
BIS(2-CHLOROETHOXY)METHANE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
BIS(2-CHLOROETHYL)ETHER	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 UJ	360 UJ	1900 U	390 UJ	390 UJ				350 U	380 UJ
BUTYLBENZYLPHTHALATE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
CARBAZOLE	390 U	360 U	270 J	390 U	390 U					
DIBENZOFURAN	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
DIETHYLPHTHALATE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
DIMETHYLPHTHALATE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
DI-N-BUTYLPHTHALATE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
DI-N-OCTYLPHTHALATE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
HEXACHLOROBENZENE	390 U	360 U	1900 U	390 U	390 U	20 U	20 U	20 U	350 U	380 U
HEXACHLOROBUTADIENE	390 U	360 U	1900 U	390 U	390 U	20 U	20 U	20 U	350 U	380 U
HEXACHLOROCYCLOPENTADIENE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
HEXACHLOROETHANE	390 U	360 U	1900 U	390 U	390 U	15 U	15 U	15 U	350 U	380 U
ISOPHORONE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
NITROBENZENE	390 U	360 U	1900 U	390 U	390 U	10 U	10 U	10 U	350 U	380 U
N-NITROSODIMETHYLAMINE										
N-NITROSO-DI-N-PROPYLAMINE	390 UJ	360 U	1900 U	390 U	390 U				350 U	380 U
N-NITROSODIPHENYLAMINE	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
PENTACHLOROPHENOL	970 UJ	900 UJ	4700 UJ	970 U	970 UJ	100 U	100 U	100 U	1700 U	1800 U
PHENOL	390 U	360 U	1900 U	390 U	390 U				350 U	380 U
PYRIDINE										

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-6	BOR-6	BOR-6	BOR-7	BOR-7	BOR-7	BOR-7
Sample Code	BOR-6 [8.0-8.5]	BOR-6 [11.0-11.5]	BOR-6 [14.0-14.5]	BOR-7 [0.5-1.0]	BOR-7 [2.5-3.0]	BOR-7 [4.0-4.5]	BOR-7 [8.5-9.0]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	8 - 8.5	11 - 11.5	14 - 14.5	.5 - 1	2.5 - 3	4 - 4.5	8.5 - 9
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
1,2,4-TRICHLOROBENZENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
1,2-DICHLOROBENZENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
1,2-DIPHENYLHYDRAZINE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
1,3-DICHLOROBENZENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
1,4-DICHLOROBENZENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	1900 U	1800 U	2000 U	1600 U	1800 U	1900 U	1900 U
2,4,6-TRICHLOROPHENOL	390 U	380 U	400 U	340 U	370 U	380 U	400 U
2,4-DICHLOROPHENOL	390 U	380 U	400 U	340 U	370 U	380 U	400 U
2,4-DIMETHYLPHENOL	390 U	380 U	400 U	340 U	370 U	380 U	400 U
2,4-DINITROPHENOL	1900 U	1800 U	2000 U	1600 U	1800 U	1900 U	1900 U
2,4-DINITROTOLUENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
2,6-DINITROTOLUENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
2-CHLORONAPHTHALENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
2-CHLOROPHENOL	390 U	380 U	400 U	340 U	370 U	380 U	400 U
2-METHYLNAPHTHALENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
2-METHYLPHENOL	390 U	380 U	400 U	340 U	370 U	380 U	400 U
2-NITROANILINE	1900 U	1800 U	2000 U	1600 U	1800 U	1900 U	1900 U
2-NITROPHENOL	390 U	380 U	400 U	340 U	370 U	380 U	400 U
3,3'-DICHLOROBENZIDINE	790 U	760 U	800 U	670 U	730 U	770 U	800 U
3-METHYL PHENOL							
3-NITROANILINE	1900 U	1800 U	2000 U	1600 U	1800 U	1900 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	1800 U	2000 U	1600 U	1800 U	1900 U	1900 U
4-BROMOPHENYL-PHENYLETHER	390 U	380 U	400 U	340 U	370 U	380 U	400 U
4-CHLORO-3-METHYLPHENOL	390 U	380 U	400 U	340 U	370 U	380 U	400 U
4-CHLOROANILINE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
4-CHLOROPHENYL-PHENYLETHER	390 U	380 U	400 U	340 U	370 U	380 U	400 U
4-METHYLPHENOL	390 U	380 U	400 U	340 U	370 U	380 U	400 U
4-NITROANILINE	1900 U	1800 U	2000 U	1600 U	1800 U	1900 U	1900 U
4-NITROPHENOL	1900 U	1800 U	2000 U	1600 U	1800 U	1900 U	1900 U
ANILINE							
AZOBENZENE							
BENZIDINE							
BENZOIC ACID	1900 U	1800 U	2000 U	1600 U	1800 U	1900 U	1900 U
BENZYL ALCOHOL	390 U	380 U	400 U	340 U	370 U	380 U	400 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-6	BOR-6	BOR-6	BOR-7	BOR-7	BOR-7	BOR-7
Sample Code	BOR-6 [8.0-8.5]	BOR-6 [11.0-11.5]	BOR-6 [14.0-14.5]	BOR-7 [0.5-1.0]	BOR-7 [2.5-3.0]	BOR-7 [4.0-4.5]	BOR-7 [8.5-9.0]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	8 - 8.5	11 - 11.5	14 - 14.5	.5 - 1	2.5 - 3	4 - 4.5	8.5 - 9
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
BIS(2-CHLOROETHOXY)METHANE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
BIS(2-CHLOROETHYL)ETHER	390 U	380 U	400 U	340 U	370 U	380 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 UJ	380 UJ	400 U	870 UJ	370 UJ	1100 UJ	400 UJ
BUTYLBENZYLPHTHALATE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
CARBAZOLE							
DIBENZOFURAN	390 U	380 U	400 U	340 U	370 U	380 U	400 U
DIETHYLPHTHALATE	390 U	380 UJ	400 U	340 U	570 UJ	380 UJ	400 U
DIMETHYLPHTHALATE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
DI-N-BUTYLPHTHALATE	390 U	380 U	400 UJ	340 U	370 U	380 U	400 U
DI-N-OCTYLPHTHALATE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
HEXACHLOROBENZENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
HEXACHLOROBUTADIENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
HEXACHLOROCYCLOPENTADIENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
HEXACHLOROETHANE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
ISOPHORONE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
NITROBENZENE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
N-NITROSODIPHENYLAMINE	390 U	380 U	400 U	340 U	370 U	380 U	400 U
PENTACHLOROPHENOL	1900 U	1800 U	2000 U	640 J	270 J	1000 J	170 J
PHENOL	390 U	380 U	400 U	340 U	370 U	380 U	400 U
PYRIDINE							

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-7	BOR-8	BOR-8	BOR-8	BOR-8	BOR-8	BOR-9
Sample Code	BOR-7 [13.5-14.0]	BOR-8 [1.0-1.5]	BOR-8 [4.0-4.5]	BOR-8 [7.0-7.5]	BOR-8 [11.0-11.5]	BOR-8 [14.0-14.5]	BOR-9 [0.5-1.0]
Sampling Date	7/5/1990	7/16/1990	7/16/1990	7/16/1990	7/16/1990	7/16/1990	7/23/1990
Sampling Depth (feet bgs)	13.5 - 14	1 - 1.5	4 - 4.5	7 - 7.5	11 - 11.5	14 - 14.5	.5 - 1
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
1,2,4-TRICHLOROBENZENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
1,2-DICHLOROBENZENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
1,2-DIPHENYLHYDRAZINE	390 U	350 U	370 U	390 U	420 U	370 U	
1,3-DICHLOROBENZENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
1,4-DICHLOROBENZENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	1900 U	1700 U	1800 U	1900 U	2000 U	1800 U	170000 U
2,4,6-TRICHLOROPHENOL	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
2,4-DICHLOROPHENOL	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
2,4-DIMETHYLPHENOL	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
2,4-DINITROPHENOL	1900 U	1700 U	1800 U	1900 U	2000 U	1800 U	170000 U
2,4-DINITROTOLUENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
2,6-DINITROTOLUENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
2-CHLORONAPHTHALENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
2-CHLOROPHENOL	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
2-METHYLNAPHTHALENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
2-METHYLPHENOL	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
2-NITROANILINE	1900 U	1700 U	1800 U	1900 U	2000 U	1800 U	170000 U
2-NITROPHENOL	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
3,3'-DICHLOROBENZIDINE	780 U	690 U	740 U	790 U	840 U	750 U	68000 U
3-METHYL PHENOL							
3-NITROANILINE	1900 U	1700 U	1800 U	1900 U	2000 U	1800 U	170000 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	1700 U	1800 U	1900 U	2000 U	1800 U	170000 U
4-BROMOPHENYL-PHENYLETHER	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
4-CHLORO-3-METHYLPHENOL	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
4-CHLOROANILINE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
4-CHLOROPHENYL-PHENYLETHER	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
4-METHYLPHENOL	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
4-NITROANILINE	1900 U	1700 U	1800 U	1900 U	2000 U	1800 U	170000 U
4-NITROPHENOL	1900 U	1700 U	1800 U	1900 U	2000 U	1800 U	170000 U
ANILINE		350 U	370 U	390 U	420 U	370 U	
AZOBENZENE							
BENZIDINE							
BENZOIC ACID	1900 U	1700 U	1800 U	1900 U	2000 U	1800 U	170000 U
BENZYL ALCOHOL	390 U	350 U	370 U	390 U	420 U	370 U	34000 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-7	BOR-8	BOR-8	BOR-8	BOR-8	BOR-8	BOR-9
Sample Code	BOR-7 [13.5-14.0]	BOR-8 [1.0-1.5]	BOR-8 [4.0-4.5]	BOR-8 [7.0-7.5]	BOR-8 [11.0-11.5]	BOR-8 [14.0-14.5]	BOR-9 [0.5-1.0]
Sampling Date	7/5/1990	7/16/1990	7/16/1990	7/16/1990	7/16/1990	7/16/1990	7/23/1990
Sampling Depth (feet bgs)	13.5 - 14	1 - 1.5	4 - 4.5	7 - 7.5	11 - 11.5	14 - 14.5	.5 - 1
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
BIS(2-CHLOROETHOXY)METHANE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
BIS(2-CHLOROETHYL)ETHER	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 UJ	350 U	370 U	390 U	420 U	370 U	34000 U
BUTYLBENZYLPHTHALATE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
CARBAZOLE							
DIBENZOFURAN	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
DIETHYLPHTHALATE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
DIMETHYLPHTHALATE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
DI-N-BUTYLPHTHALATE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
DI-N-OCTYLPHTHALATE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
HEXACHLOROBENZENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
HEXACHLOROBUTADIENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
HEXACHLOROCYCLOPENTADIENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
HEXACHLOROETHANE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
ISOPHORONE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
NITROBENZENE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
N-NITROSODIMETHYLAMINE		350 U	370 U	390 U	420 U	370 U	
N-NITROSO-DI-N-PROPYLAMINE	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
N-NITROSODIPHENYLAMINE	390 U	45 JB	51 JB	47 JB	61 JB	49 JB	34000 U
PENTACHLOROPHENOL	1900 U	1700 U	1800 U	1900 U	2000 U	1800 U	170000 U
PHENOL	390 U	350 U	370 U	390 U	420 U	370 U	34000 U
PYRIDINE							

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-9	BOR-9	BOR-9	BOR-9	BOR-10	BOR-10	BOR-10
Sample Code	BOR-9 [2.0-2.5]	BOR-9 [6.5-7.0]	BOR-9 [11.0-11.5]	BOR-9 [14.0-14.5]	BOR-10 [0.5-1.0]	BOR-10 [3.5-4.0]	BOR-10 [7.0-7.5]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/12/1990	7/12/1990	7/12/1990
Sampling Depth (feet bgs)	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5	.5 - 1	3.5 - 4	7 - 7.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
1,2,4-TRICHLOROBENZENE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
1,2-DICHLOROBENZENE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
1,2-DIPHENYLHYDRAZINE			7900 U		340 U	350 U	400 U
1,3-DICHLOROBENZENE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
1,4-DICHLOROBENZENE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	3800 U	37000 U	38000 U	8100 U	1600 U	1700 U	1900 U
2,4,6-TRICHLOROPHENOL	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
2,4-DICHLOROPHENOL	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
2,4-DIMETHYLPHENOL	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
2,4-DINITROPHENOL	1900 U	3700 U	38000 U	8100 U	1600 U	1700 U	1900 U
2,4-DINITROTOLUENE	390 U	760 U	7900 U	1700 U	340 U	350 U	400 U
2,6-DINITROTOLUENE	390 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
2-CHLORONAPHTHALENE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
2-CHLOROPHENOL	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
2-METHYLNAPHTHALENE	780 U	7600 U	7900 U	13000	340 U	350 U	400 U
2-METHYLPHENOL	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
2-NITROANILINE	3800 U	37000 U	38000 U	8100 U	1600 U	1700 U	1900 U
2-NITROPHENOL	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
3,3'-DICHLOROBENZIDINE	780 U	1500 U	16000 U	3300 U	670 U	700 U	800 U
3-METHYL PHENOL							
3-NITROANILINE	1900 U	3700 U	38000 U	8100 U	1600 U	1700 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	3700 U	38000 U	8100 U	1600 U	1700 U	1900 U
4-BROMOPHENYL-PHENYLETHER	390 U	760 U	7900 U	1700 U	340 U	350 U	400 U
4-CHLORO-3-METHYLPHENOL	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
4-CHLOROANILINE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
4-CHLOROPHENYL-PHENYLETHER	390 U	760 U	7900 U	1700 U	340 U	350 U	400 U
4-METHYLPHENOL	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
4-NITROANILINE	1900 U	3700 U	38000 U	8100 U	1600 U	1700 U	1900 U
4-NITROPHENOL	1900 U	3700 U	38000 U	8100 U	1600 U	1700 U	1900 U
ANILINE							
AZOBENZENE							
BENZIDINE							
BENZOIC ACID	3800 U	37000 U	38000 U	8100 U	1600 U	1700 U	1900 U
BENZYL ALCOHOL	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-9	BOR-9	BOR-9	BOR-9	BOR-10	BOR-10	BOR-10
Sample Code	BOR-9 [2.0-2.5]	BOR-9 [6.5-7.0]	BOR-9 [11.0-11.5]	BOR-9 [14.0-14.5]	BOR-10 [0.5-1.0]	BOR-10 [3.5-4.0]	BOR-10 [7.0-7.5]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/12/1990	7/12/1990	7/12/1990
Sampling Depth (feet bgs)	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5	.5 - 1	3.5 - 4	7 - 7.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
BIS(2-CHLOROETHOXY)METHANE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
BIS(2-CHLOROETHYL)ETHER	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 U	760 U	7900 U	1700 U	340 UJ	350 U	400 UJ
BUTYLBENZYLPHTHALATE	390 U	760 U	7900 U	1700 U	340 U	350 U	400 U
CARBAZOLE							
DIBENZOFURAN	390 U	760 U	7900 U	1700 U	340 U	350 U	400 U
DIETHYLPHTHALATE	390 U	760 U	7900 U	1700 U	340 U	350 U	400 U
DIMETHYLPHTHALATE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
DI-N-BUTYLPHTHALATE	390 U	760 U	7900 U	1700 U	340 U	350 U	400 U
DI-N-OCTYLPHTHALATE	390 U	760 U	7900 U	1700 U	340 U	350 U	400 U
HEXACHLOROBENZENE	390 U	760 U	7900 U	1700 U	340 U	350 U	400 U
HEXACHLOROBUTADIENE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
HEXACHLOROCYCLOPENTADIENE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
HEXACHLOROETHANE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
ISOPHORONE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
NITROBENZENE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
N-NITROSODIPHENYLAMINE	390 U	760 U	7900 U	1700 U	340 U	350 U	400 U
PENTACHLOROPHENOL	1900 U	3700 U	38000 U	8100 U	1600 U	1700 U	1900 U
PHENOL	780 U	7600 U	7900 U	1700 U	340 U	350 U	400 U
PYRIDINE							

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-10	BOR-10	BOR-11	BOR-11	BOR-11	BOR-11	BOR-11
Sample Code	BOR-10 [11.0-11.5]	BOR-10 [14.0-14.5]	BOR-11 [0.5-1.0]	BOR-11 [2.5-3.0]	BOR-11 [6.5-7.0]	BOR-11 [11.0-11.5]	BOR-11 [14.0-14.5]
Sampling Date	7/12/1990	7/12/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	.5 - 1	2.5 - 3	6.5 - 7	11 - 11.5	14 - 14.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
1,2,4-TRICHLOROBENZENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
1,2-DICHLOROBENZENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
1,2-DIPHENYLHYDRAZINE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
1,3-DICHLOROBENZENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
1,4-DICHLOROBENZENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	3000 U	1900 U	3300 U	1700 U	1900 U	3000 U	1900 U
2,4,6-TRICHLOROPHENOL	610 U	400 U	680 U	340 U	390 U	620 U	400 U
2,4-DICHLOROPHENOL	610 U	400 U	680 U	340 U	390 U	620 U	400 U
2,4-DIMETHYLPHENOL	610 U	400 U	680 U	340 U	390 U	620 U	400 U
2,4-DINITROPHENOL	3000 U	1900 U	3300 U	1700 U	1900 U	3000 U	1900 U
2,4-DINITROTOLUENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
2,6-DINITROTOLUENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
2-CHLORONAPHTHALENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
2-CHLOROPHENOL	610 U	400 U	680 U	340 U	390 U	620 U	400 U
2-METHYLNAPHTHALENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
2-METHYLPHENOL	610 U	400 U	680 U	340 U	390 U	620 U	400 U
2-NITROANILINE	3000 U	1900 U	3300 U	1700 U	1900 U	3000 U	1900 U
2-NITROPHENOL	610 U	400 U	680 U	340 U	390 U	620 U	400 U
3,3'-DICHLOROBENZIDINE	1200 U	800 U	1400 U	690 U	790 U	1200 U	790 U
3-METHYL PHENOL							
3-NITROANILINE	3000 U	1900 U	3300 U	1700 U	1900 U	3000 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	3000 U	1900 U	3300 U	1700 U	1900 U	3000 U	1900 U
4-BROMOPHENYL-PHENYLETHER	610 U	400 U	680 U	340 U	390 U	620 U	400 U
4-CHLORO-3-METHYLPHENOL	610 U	400 U	680 U	340 U	390 U	620 U	400 U
4-CHLOROANILINE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
4-CHLOROPHENYL-PHENYLETHER	610 U	400 U	680 U	340 U	390 U	620 U	400 U
4-METHYLPHENOL	610 U	400 U	680 U	340 U	390 U	620 U	400 U
4-NITROANILINE	3000 U	1900 U	3300 U	1700 U	1900 U	3000 U	1900 U
4-NITROPHENOL	3000 U	1900 U	3300 U	1700 U	390 U	3000 U	1900 U
ANILINE			680 U	340 U	390 U	620 U	400 U
AZOBENZENE							
BENZIDINE							
BENZOIC ACID	3000 U	1900 U	3300 U	1700 U	1900 U	3000 U	1900 U
BENZYL ALCOHOL	610 U	400 U	680 U	340 U	390 U	620 U	400 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-10	BOR-10	BOR-11	BOR-11	BOR-11	BOR-11	BOR-11
Sample Code	BOR-10 [11.0-11.5]	BOR-10 [14.0-14.5]	BOR-11 [0.5-1.0]	BOR-11 [2.5-3.0]	BOR-11 [6.5-7.0]	BOR-11 [11.0-11.5]	BOR-11 [14.0-14.5]
Sampling Date	7/12/1990	7/12/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	.5 - 1	2.5 - 3	6.5 - 7	11 - 11.5	14 - 14.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
BIS(2-CHLOROETHOXY)METHANE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
BIS(2-CHLOROETHYL)ETHER	610 U	400 U	680 U	340 U	390 U	620 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	610 U	400 U	680 U	340 UJ	390 UJ	620 UJ	400 UJ
BUTYLBENZYLPHTHALATE	610 U	400 U	680 U	340 U	390 U	620 U	400 UJ
CARBAZOLE							
DIBENZOFURAN	610 U	400 U	680 U	340 U	390 U	620 U	400 U
DIETHYLPHTHALATE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
DIMETHYLPHTHALATE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
DI-N-BUTYLPHTHALATE	610 U	400 U	680 U	340 UJ	390 UJ	620 UJ	400 UJ
DI-N-OCTYLPHTHALATE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
HEXACHLOROBENZENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
HEXACHLOROBUTADIENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
HEXACHLOROCYCLOPENTADIENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
HEXACHLOROETHANE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
ISOPHORONE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
NITROBENZENE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
N-NITROSODIMETHYLAMINE			680 U	340 U	390 U	620 U	400 U
N-NITROSO-DI-N-PROPYLAMINE	610 U	400 U	680 U	340 U	390 U	620 U	400 U
N-NITROSODIPHENYLAMINE	610 U	400 U	680 U	55 JB	74 JB	83 JB	89 J
PENTACHLOROPHENOL	3000 U	1900 U	3300 U	1700 U	1900 U	3000 U	1900 U
PHENOL	610 U	400 U	680 U	340 U	390 U	620 U	400 U
PYRIDINE							

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-13	BOR-13	BOR-13	BOR-13	BOR-13	BOR-14	BOR-14
Sample Code	BOR-13 [0.5-1.0]	BOR-13 [2.0-2.5]	BOR-13 [6.5-7.0]	BOR-13 [11.0-11.5]	BOR-13 [14.0-14.5]	BOR-14 [0.0-0.5]	BOR-14 [4.0-4.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	5/23/1990	5/23/1990
Sampling Depth (feet bgs)	.5 - 1	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5	0 - 0.5	4 - 4.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
1,2,4-TRICHLOROBENZENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
1,2-DICHLOROBENZENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
1,2-DIPHENYLHYDRAZINE							
1,3-DICHLOROBENZENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
1,4-DICHLOROBENZENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	33000 U	3400 U	2000 U	1700 U	1900 U	1700 U	2000 U
2,4,6-TRICHLOROPHENOL	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
2,4-DICHLOROPHENOL	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
2,4-DIMETHYLPHENOL	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
2,4-DINITROPHENOL	33000 U	3400 U	2000 U	1700 U	1900 U	1700 U	2000 U
2,4-DINITROTOLUENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
2,6-DINITROTOLUENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
2-CHLORONAPHTHALENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
2-CHLOROPHENOL	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
2-METHYLNAPHTHALENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
2-METHYLPHENOL	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
2-NITROANILINE	33000 U	3400 U	2000 U	1700 U	1900 U	1700 U	2000 U
2-NITROPHENOL	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
3,3'-DICHLOROBENZIDINE	14000 U	1400 U	800 U	690 U	800 U	710 U	830 U
3-METHYL PHENOL							
3-NITROANILINE	33000 U	3400 U	2000 U	1700 U	1900 U	1700 U	2000 U
4,6-DINITRO-2-METHYLPHENOL	33000 U	3400 U	2000 U	1700 U	1900 U	1700 U	2000 U
4-BROMOPHENYL-PHENYLETHER	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
4-CHLORO-3-METHYLPHENOL	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
4-CHLOROANILINE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
4-CHLOROPHENYL-PHENYLETHER	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
4-METHYLPHENOL	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
4-NITROANILINE	33000 U	3400 U	2000 U	1700 U	1900 U	1700 U	2000 U
4-NITROPHENOL	33000 U	3400 U	2000 U	1700 U	1900 U	1700 U	2000 U
ANILINE							
AZOBENZENE							
BENZIDINE							
BENZOIC ACID	33000 U	3400 U	2000 U	1700 U	1900 U	1700 U	2000 U
BENZYL ALCOHOL	6800 U	690 U	400 U	350 U	400 U	360 U	410 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-13	BOR-13	BOR-13	BOR-13	BOR-13	BOR-14	BOR-14
Sample Code	BOR-13 [0.5-1.0]	BOR-13 [2.0-2.5]	BOR-13 [6.5-7.0]	BOR-13 [11.0-11.5]	BOR-13 [14.0-14.5]	BOR-14 [0.0-0.5]	BOR-14 [4.0-4.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	5/23/1990	5/23/1990
Sampling Depth (feet bgs)	.5 - 1	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5	0 - 0.5	4 - 4.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
BIS(2-CHLOROETHOXY)METHANE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
BIS(2-CHLOROETHYL)ETHER	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
BIS(2-ETHYLHEXYL)PHTHALATE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
BUTYLBENZYLPHTHALATE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
CARBAZOLE							
DIBENZOFURAN	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
DIETHYLPHTHALATE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
DIMETHYLPHTHALATE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
DI-N-BUTYLPHTHALATE	12000 UJ	690 U	400 U	1000 UJ	600 UJ	360 U	410 U
DI-N-OCTYLPHTHALATE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
HEXACHLOROBENZENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
HEXACHLOROBUTADIENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
HEXACHLOROCYCLOPENTADIENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
HEXACHLOROETHANE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
ISOPHORONE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
NITROBENZENE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
N-NITROSODIPHENYLAMINE	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
PENTACHLOROPHENOL	33000 U	3400 U	2000 U	1700 U	1900 U	1700 U	2000 U
PHENOL	6800 U	690 U	400 U	350 U	400 U	360 U	410 U
PYRIDINE							

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-14	BOR-14	BOR-15	BOR-15	BOR-15	BOR-15	BOR-15
Sample Code	BOR-14 [8.5-9.0]	BOR-14 [14.0-14.5]	BOR-15 [0.5-1.0]	BOR-15 [2.0-2.5]	BOR-15 [6.5-7.0]	BOR-15 [11.0-11.5]	BOR-15 [14.0-14.5]
Sampling Date	5/23/1990	5/23/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	8.5 - 9	14 - 14.5	.5 - 1	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
1,2,4-TRICHLOROBENZENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
1,2-DICHLOROBENZENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
1,2-DIPHENYLHYDRAZINE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
1,3-DICHLOROBENZENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
1,4-DICHLOROBENZENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	2000 U	2000 U	3300 U	3200 U	1900 U	2100 U	1900 U
2,4,6-TRICHLOROPHENOL	410 U	420 U	670 U	670 U	390 U	420 U	390 U
2,4-DICHLOROPHENOL	410 U	420 U	670 U	670 U	390 U	420 U	390 U
2,4-DIMETHYLPHENOL	410 U	420 U	670 U	670 U	390 U	420 U	390 U
2,4-DINITROPHENOL	2000 U	2000 U	3300 U	3200 U	1900 U	2100 U	1900 U
2,4-DINITROTOLUENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
2,6-DINITROTOLUENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
2-CHLORONAPHTHALENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
2-CHLOROPHENOL	410 U	420 U	670 U	670 U	390 U	420 U	390 U
2-METHYLNAPHTHALENE	410 U	420 U	670 U	670 U	390 U	50 J	390 U
2-METHYLPHENOL	410 U	420 U	670 U	670 U	390 U	420 U	390 U
2-NITROANILINE	2000 U	2000 U	3300 U	3200 U	1900 U	2100 U	1900 U
2-NITROPHENOL	410 U	420 U	670 U	670 U	390 U	420 U	390 U
3,3'-DICHLOROBENZIDINE	820 U	850 U	1300 U	1300 U	770 U	850 U	770 U
3-METHYL PHENOL							
3-NITROANILINE	2000 U	2000 U	3300 U	3200 U	1900 U	2100 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	2000 U	2000 U	3300 U	3200 U	1900 U	2100 U	1900 U
4-BROMOPHENYL-PHENYLETHER	410 U	420 U	670 U	670 U	390 U	420 U	390 U
4-CHLORO-3-METHYLPHENOL	410 U	420 U	670 U	670 U	390 U	420 U	390 U
4-CHLOROANILINE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
4-CHLOROPHENYL-PHENYLETHER	410 U	420 U	670 U	670 U	390 U	420 U	390 U
4-METHYLPHENOL	410 U	420 U	670 U	670 U	390 U	420 U	390 U
4-NITROANILINE	2000 U	2000 U	3300 U	3200 U	1900 U	2100 U	1900 U
4-NITROPHENOL	2000 U	2000 U	3300 U	3200 U	1900 U	2100 U	1900 U
ANILINE			670 U	670 U	390 U	420 U	390 U
AZOBENZENE							
BENZIDINE							
BENZOIC ACID	2000 U	2000 U	3300 U	3200 U	1900 U	2100 U	1900 U
BENZYL ALCOHOL	410 U	420 U	670 U	670 U	390 U	420 U	390 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-14	BOR-14	BOR-15	BOR-15	BOR-15	BOR-15	BOR-15
Sample Code	BOR-14 [8.5-9.0]	BOR-14 [14.0-14.5]	BOR-15 [0.5-1.0]	BOR-15 [2.0-2.5]	BOR-15 [6.5-7.0]	BOR-15 [11.0-11.5]	BOR-15 [14.0-14.5]
Sampling Date	5/23/1990	5/23/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	8.5 - 9	14 - 14.5	.5 - 1	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
BIS(2-CHLOROETHOXY)METHANE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
BIS(2-CHLOROETHYL)ETHER	410 U	420 U	670 U	670 U	390 U	420 U	390 U
BIS(2-ETHYLHEXYL)PHTHALATE	410 U	420 U	670 U	670 U	390 U	420 UJ	390 UJ
BUTYLBENZYLPHTHALATE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
CARBAZOLE							
DIBENZOFURAN	410 U	420 U	670 U	670 U	390 U	420 U	390 U
DIETHYLPHTHALATE	410 U	420 U	670 U	670 U	390 U	420 UJ	390 U
DIMETHYLPHTHALATE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
DI-N-BUTYLPHTHALATE	410 U	420 U	670 UJ	670 U	390 UJ	420 UJ	390 UJ
DI-N-OCTYLPHTHALATE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
HEXACHLOROBENZENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
HEXACHLOROBUTADIENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
HEXACHLOROCYCLOPENTADIENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
HEXACHLOROETHANE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
ISOPHORONE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
NITROBENZENE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
N-NITROSODIMETHYLAMINE			670 U	670 U	390 U	420 U	390 U
N-NITROSO-DI-N-PROPYLAMINE	410 U	420 U	670 U	670 U	390 U	420 U	390 U
N-NITROSODIPHENYLAMINE	410 U	420 U	140 JB	170 JB	71 JB	420 U	52 JB
PENTACHLOROPHENOL	2000 U	2000 U	3300 U	3200 U	1900 U	2100 U	1900 U
PHENOL	410 U	420 U	670 U	670 U	390 U	420 U	390 U
PYRIDINE							

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-16	BOR-16	BOR-16	BOR-16	BOR-16	BOR-17	BOR-17
Sample Code	BOR-16 [0.5-1.0]	BOR-16 [2.0-2.5]	BOR-16 [6.5-7.0]	BOR-16 [11.0-11.5]	BOR-16 [14.0-14.5]	BOR-17 [2.0-2.5]	BOR-17 [2.5-3.0]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	.5 - 1	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5	2 - 2.5	2.5 - 3
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
1,2,4-TRICHLOROBENZENE	1400 U	1400 U	390 U	390 U		350 U	1800 U
1,2-DICHLOROBENZENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
1,2-DIPHENYLHYDRAZINE	1400 U		390 U		400 U	350 U	1800 U
1,3-DICHLOROBENZENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
1,4-DICHLOROBENZENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	6900 U	6600 U	1900 U	1900 U	1900 U	1700 U	8900 U
2,4,6-TRICHLOROPHENOL	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
2,4-DICHLOROPHENOL	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
2,4-DIMETHYLPHENOL	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
2,4-DINITROPHENOL	6900 U	6600 U	1900 U	1900 U	1900 U	1700 U	8900 U
2,4-DINITROTOLUENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
2,6-DINITROTOLUENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
2-CHLORONAPHTHALENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
2-CHLOROPHENOL	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
2-METHYLNAPHTHALENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
2-METHYLPHENOL	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
2-NITROANILINE	6900 U	6600 U	1900 U	1900 U	1900 U	1700 U	8900 U
2-NITROPHENOL	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
3,3'-DICHLOROBENZIDINE	2800 U	2700 U	770 U	790 U	790 U	710 U	3700 U
3-METHYL PHENOL							
3-NITROANILINE	6900 U	6600 U	1900 U	1900 U	1900 U	1700 U	8900 U
4,6-DINITRO-2-METHYLPHENOL	6900 U	6600 U	1900 U	1900 U	1900 U	1700 U	8900 U
4-BROMOPHENYL-PHENYLETHER	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
4-CHLORO-3-METHYLPHENOL	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
4-CHLOROANILINE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
4-CHLOROPHENYL-PHENYLETHER	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
4-METHYLPHENOL	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
4-NITROANILINE	6900 U	6600 U	1900 U	1900 U	1900 U	1700 U	8900 U
4-NITROPHENOL	6900 U	6600 U	1900 U	1900 U	1900 U	1700 U	8900 U
ANILINE							
AZOBENZENE							
BENZIDINE							
BENZOIC ACID	6900 U	6600 U	1900 U	1900 U	1900 U	1700 U	8900 U
BENZYL ALCOHOL	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-16	BOR-16	BOR-16	BOR-16	BOR-16	BOR-17	BOR-17
Sample Code	BOR-16 [0.5-1.0]	BOR-16 [2.0-2.5]	BOR-16 [6.5-7.0]	BOR-16 [11.0-11.5]	BOR-16 [14.0-14.5]	BOR-17 [2.0-2.5]	BOR-17 [2.5-3.0]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	.5 - 1	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5	2 - 2.5	2.5 - 3
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
BIS(2-CHLOROETHOXY)METHANE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
BIS(2-CHLOROETHYL)ETHER	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
BIS(2-ETHYLHEXYL)PHTHALATE	1400 U	1400 U	390 U	390 U	400 U	350 UJ	1800 U
BUTYLBENZYLPHTHALATE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
CARBAZOLE							
DIBENZOFURAN	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
DIETHYLPHTHALATE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
DIMETHYLPHTHALATE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
DI-N-BUTYLPHTHALATE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
DI-N-OCTYLPHTHALATE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
HEXACHLOROBENZENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
HEXACHLOROBUTADIENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
HEXACHLOROCYCLOPENTADIENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
HEXACHLOROETHANE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
ISOPHORONE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
NITROBENZENE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
N-NITROSODIPHENYLAMINE	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
PENTACHLOROPHENOL	6900 U	6600 U	1900 U	1900 U	1900 U	1700 U	8900 U
PHENOL	1400 U	1400 U	390 U	390 U	400 U	350 U	1800 U
PYRIDINE							

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-17	BOR-17	BOR-17	BOR-17	BOR-18	BOR-18	BOR-18
Sample Code	BOR-17 [7.0-7.5]	BOR-17 [10.0-10.5]	BOR-17R [10.5-11.0]	BOR-17 [11.5-12.0]	BOR-18 [0.5-1.0]	BOR-18 [3.5-4.0]	BOR-18 [7.0-7.5]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/23/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	7 - 7.5	10 - 10.5	10.5 - 11	11.5 - 12	.5 - 1	3.5 - 4	7 - 7.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
1,2,4-TRICHLOROBENZENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
1,2-DICHLOROBENZENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
1,2-DIPHENYLHYDRAZINE	400 U	780 U	380 U	400 U		430 U	430 U
1,3-DICHLOROBENZENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
1,4-DICHLOROBENZENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	2000 U	3800 U	1800 U	2000 U	3900 U	2100 U	2100 U
2,4,6-TRICHLOROPHENOL	400 U	780 U	380 U	400 U	800 U	430 U	430 U
2,4-DICHLOROPHENOL	400 U	780 U	380 U	400 U	800 U	430 U	430 U
2,4-DIMETHYLPHENOL	400 U	780 U	380 U	400 U	800 U	430 U	430 U
2,4-DINITROPHENOL	2000 U	3800 U	1800 U	2000 U	3900 U	2100 U	2100 U
2,4-DINITROTOLUENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
2,6-DINITROTOLUENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
2-CHLORONAPHTHALENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
2-CHLOROPHENOL	400 U	780 U	380 U	400 U	800 U	430 U	430 U
2-METHYLNAPHTHALENE	230 J	8300	3100	210 J	800 U	430 U	430 U
2-METHYLPHENOL	400 U	780 U	380 U	400 U	800 U	430 U	430 U
2-NITROANILINE	2000 U	3800 U	1800 U	2000 U	3900 U	2100 U	2100 U
2-NITROPHENOL	400 U	780 U	380 U	400 U	800 U	430 U	430 U
3,3'-DICHLOROBENZIDINE	800 U	1600 U	760 U	800 U	1600 U	870 U	870 U
3-METHYL PHENOL							
3-NITROANILINE	2000 U	3800 U	1800 U	2000 U	3900 U	2100 U	2100 U
4,6-DINITRO-2-METHYLPHENOL	2000 U	3800 U	1800 U	2000 U	3900 U	2100 U	2100 U
4-BROMOPHENYL-PHENYLETHER	400 U	780 U	380 U	400 U	800 U	430 U	430 U
4-CHLORO-3-METHYLPHENOL	400 U	780 U	380 U	400 U	800 U	430 U	430 U
4-CHLOROANILINE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
4-CHLOROPHENYL-PHENYLETHER	400 U	780 U	380 U	400 U	800 U	430 U	430 U
4-METHYLPHENOL	400 U	780 U	380 U	400 U	800 U	430 U	430 U
4-NITROANILINE	2000 U	3800 U	1800 U	2000 U	3900 U	2100 U	2100 U
4-NITROPHENOL	2000 U	3800 U	1800 U	2000 U	3900 U	2100 U	2100 U
ANILINE							
AZOBENZENE							
BENZIDINE							
BENZOIC ACID	2000 U	3800 U	1800 U	2000 U	3900 U	2100 U	2100 U
BENZYL ALCOHOL	400 U	780 U	380 U	400 U	800 U	430 U	430 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-17	BOR-17	BOR-17	BOR-17	BOR-18	BOR-18	BOR-18
Sample Code	BOR-17 [7.0-7.5]	BOR-17 [10.0-10.5]	BOR-17R [10.5-11.0]	BOR-17 [11.5-12.0]	BOR-18 [0.5-1.0]	BOR-18 [3.5-4.0]	BOR-18 [7.0-7.5]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/23/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	7 - 7.5	10 - 10.5	10.5 - 11	11.5 - 12	.5 - 1	3.5 - 4	7 - 7.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
BIS(2-CHLOROETHOXY)METHANE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
BIS(2-CHLOROETHYL)ETHER	400 U	780 U	380 U	400 U	800 U	430 U	430 U
BIS(2-ETHYLHEXYL)PHTHALATE	400 UJ	780 U	380 UJ	400 UJ	800 U	430 U	430 U
BUTYLBENZYLPHTHALATE	400 U	780 U	380 U	400 U	4600 UJ	430 U	430 U
CARBAZOLE							
DIBENZOFURAN	400 U	780 U	380 U	400 U	800 U	430 U	430 U
DIETHYLPHTHALATE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
DIMETHYLPHTHALATE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
DI-N-BUTYLPHTHALATE	400 U	780 U	380 UJ	400 U	970 UJ	2000 UJ	450 UJ
DI-N-OCTYLPHTHALATE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
HEXACHLOROBENZENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
HEXACHLOROBUTADIENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
HEXACHLOROCYCLOPENTADIENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
HEXACHLOROETHANE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
ISOPHORONE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
NITROBENZENE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
N-NITROSODIPHENYLAMINE	400 U	780 U	380 U	400 U	800 U	430 U	430 U
PENTACHLOROPHENOL	2000 U	3800 U	1800 U	2000 U	3900 U	2100 U	2100 U
PHENOL	400 U	780 U	380 U	400 U	800 U	430 U	430 U
PYRIDINE							

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-18	BOR-18	BOR-19	BOR-19	BOR-19	BOR-19	BOR-19
Sample Code	BOR-18 [11.0-11.5]	BOR-18 [14.0-14.5]	BOR-19 [0.5-1.0]	BOR-19 [2.5-3.0]	BOR-19 [7.0-7.5]	BOR-19 [11.0-11.5]	BOR-19 [14.0-14.5]
Sampling Date	7/23/1990	7/23/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	.5 - 1	2.5 - 3	7 - 7.5	11 - 11.5	14 - 14.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
1,2,4-TRICHLOROBENZENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
1,2-DICHLOROBENZENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
1,2-DIPHENYLHYDRAZINE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
1,3-DICHLOROBENZENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
1,4-DICHLOROBENZENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	1900 U	1900 U	33000 U	1700 U	2000 U	19000 U	1900 U
2,4,6-TRICHLOROPHENOL	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
2,4-DICHLOROPHENOL	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
2,4-DIMETHYLPHENOL	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
2,4-DINITROPHENOL	1900 U	1900 U	33000 U	1700 U	2000 U	19000 U	1900 U
2,4-DINITROTOLUENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
2,6-DINITROTOLUENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
2-CHLORONAPHTHALENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
2-CHLOROPHENOL	390 U	400 U	6900 U	350 U	410 U	390 U	390 U
2-METHYLNAPHTHALENE	390 U	400 U	6900 U	350 U	410 U	17000	390 U
2-METHYLPHENOL	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
2-NITROANILINE	1900 U	1900 U	33000 U	1700 U	2000 U	19000 U	1900 U
2-NITROPHENOL	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
3,3'-DICHLOROBENZIDINE	780 U	800 U	14000 U	700 U	820 U	7800 U	780 U
3-METHYL PHENOL							
3-NITROANILINE	1900 U	1900 U	33000 U	1700 U	2000 U	19000 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	1900 U	33000 U	1700 U	2000 U	19000 U	1900 U
4-BROMOPHENYL-PHENYLETHER	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
4-CHLORO-3-METHYLPHENOL	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
4-CHLOROANILINE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
4-CHLOROPHENYL-PHENYLETHER	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
4-METHYLPHENOL	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
4-NITROANILINE	1900 U	1900 U	33000 U	1700 U	2000 U	19000 U	1900 U
4-NITROPHENOL	1900 U	1900 U	33000 U	1700 U	2000 U	19000 U	1900 U
ANILINE			6900 U	350 U	410 U	3900 U	390 U
AZOBENZENE							
BENZIDINE							
BENZOIC ACID	1900 U	1900 U	33000 U	1700 U	2000 U	19000 U	1900 U
BENZYL ALCOHOL	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-18	BOR-18	BOR-19	BOR-19	BOR-19	BOR-19	BOR-19
Sample Code	BOR-18 [11.0-11.5]	BOR-18 [14.0-14.5]	BOR-19 [0.5-1.0]	BOR-19 [2.5-3.0]	BOR-19 [7.0-7.5]	BOR-19 [11.0-11.5]	BOR-19 [14.0-14.5]
Sampling Date	7/23/1990	7/23/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	.5 - 1	2.5 - 3	7 - 7.5	11 - 11.5	14 - 14.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
BIS(2-CHLOROETHOXY)METHANE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
BIS(2-CHLOROETHYL)ETHER	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 U	400 U	6900 U	350 UJ	410 UJ	3900 U	390 UJ
BUTYLBENZYLPHTHALATE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
CARBAZOLE							
DIBENZOFURAN	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
DIETHYLPHTHALATE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
DIMETHYLPHTHALATE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
DI-N-BUTYLPHTHALATE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 UJ
DI-N-OCTYLPHTHALATE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
HEXACHLOROBENZENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
HEXACHLOROBUTADIENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
HEXACHLOROCYCLOPENTADIENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
HEXACHLOROETHANE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
ISOPHORONE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
NITROBENZENE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
N-NITROSODIMETHYLAMINE			6900 U	350 U	410 U	3900 U	390 U
N-NITROSO-DI-N-PROPYLAMINE	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
N-NITROSODIPHENYLAMINE	390 U	400 U	1200 JB	350 U	59 JB	2700 BJ	45 JB
PENTACHLOROPHENOL	1900 U	1900 U	33000 U	1700 U	2000 U	19000 U	1900 U
PHENOL	390 U	400 U	6900 U	350 U	410 U	3900 U	390 U
PYRIDINE							

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-21	BOR-21	BOR-21	BOR-21	BOR-21	BOR-24	BOR-24
Sample Code	BOR-21 [2.5-3.0]	BOR-21 [0.5-1.0]	BOR-21 [7.0-7.5]	BOR-21 [11.5-12.0]	BOR-21 [14.0-14.5]	BOR-24 [1.0-1.5]	BOR-24 [2.5-3.0]
Sampling Date	7/18/1990	7/19/1990	7/19/1990	7/19/1990	7/18/1990	7/19/1990	7/18/1990
Sampling Depth (feet bgs)	2.5 - 3	.5 - 1	7 - 7.5	11.5 - 12	14 - 14.5	1 - 1.5	2.5 - 3
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
1,2,4-TRICHLOROBENZENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
1,2-DICHLOROBENZENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
1,2-DIPHENYLHYDRAZINE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
1,3-DICHLOROBENZENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
1,4-DICHLOROBENZENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	1700 U	1700 U	2000 U	1900 U	1900 U	1700 U	1700 U
2,4,6-TRICHLOROPHENOL	350 U	350 U	400 U	400 U	400 U	350 U	360 U
2,4-DICHLOROPHENOL	350 U	350 U	400 U	400 U	400 U	350 U	360 U
2,4-DIMETHYLPHENOL	350 U	350 U	400 U	400 U	400 U	350 U	360 U
2,4-DINITROPHENOL	1700 U	1700 U	2000 U	1900 U	1900 U	1700 U	1700 U
2,4-DINITROTOLUENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
2,6-DINITROTOLUENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
2-CHLORONAPHTHALENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
2-CHLOROPHENOL	350 U	350 U	400 U	400 U	400 U	350 U	360 U
2-METHYLNAPHTHALENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
2-METHYLPHENOL	350 U	350 U	400 U	400 U	400 U	350 U	360 U
2-NITROANILINE	1700 U	1700 U	2000 U	1900 U	1900 U	1700 U	1700 U
2-NITROPHENOL	350 U	350 U	400 U	400 U	400 U	350 U	360 U
3,3'-DICHLOROBENZIDINE	700 U	700 U	810 U	790 U	800 U	710 U	710 U
3-METHYL PHENOL							
3-NITROANILINE	1700 U	1700 U	2000 U	1900 U	1900 U	1700 U	1700 U
4,6-DINITRO-2-METHYLPHENOL	1700 U	1700 U	2000 U	1900 U	1900 U	1700 U	1700 U
4-BROMOPHENYL-PHENYLETHER	350 U	350 U	400 U	400 U	400 U	350 U	360 U
4-CHLORO-3-METHYLPHENOL	350 U	350 U	400 U	400 U	400 U	350 U	360 U
4-CHLOROANILINE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
4-CHLOROPHENYL-PHENYLETHER	350 U	350 U	400 U	400 U	400 U	350 U	360 U
4-METHYLPHENOL	350 U	350 U	400 U	400 U	400 U	350 U	360 U
4-NITROANILINE	1700 U	1700 U	2000 U	1900 U	1900 U	1700 U	1700 U
4-NITROPHENOL	1700 U	1700 U	2000 U	1900 U	1900 U	1700 U	1700 U
ANILINE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
AZOBENZENE							
BENZIDINE							
BENZOIC ACID	1700 U	1700 U	2000 U	1900 U	1900 U	1700 U	1700 U
BENZYL ALCOHOL	350 U	350 U	400 U	400 U	400 U	350 U	360 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-21	BOR-21	BOR-21	BOR-21	BOR-21	BOR-24	BOR-24
Sample Code	BOR-21 [2.5-3.0]	BOR-21 [0.5-1.0]	BOR-21 [7.0-7.5]	BOR-21 [11.5-12.0]	BOR-21 [14.0-14.5]	BOR-24 [1.0-1.5]	BOR-24 [2.5-3.0]
Sampling Date	7/18/1990	7/19/1990	7/19/1990	7/19/1990	7/18/1990	7/19/1990	7/18/1990
Sampling Depth (feet bgs)	2.5 - 3	.5 - 1	7 - 7.5	11.5 - 12	14 - 14.5	1 - 1.5	2.5 - 3
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
BIS(2-CHLOROETHOXY)METHANE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
BIS(2-CHLOROETHYL)ETHER	350 U	350 U	400 U	400 U	400 U	350 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE	350 UJ	350 UJ	400 UJ	400 UJ	400 UJ	350 U	360 U
BUTYLBENZYLPHTHALATE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
CARBAZOLE							
DIBENZOFURAN	350 U	350 U	400 U	400 U	400 U	350 U	360 U
DIETHYLPHTHALATE	350 U	350 U	400 U	400 U	400 U	350 UJ	360 U
DIMETHYLPHTHALATE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
DI-N-BUTYLPHTHALATE	350 UJ	350 UJ	400 UJ	400 UJ	400 UJ	350 U	360 UJ
DI-N-OCTYLPHTHALATE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
HEXACHLOROBENZENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
HEXACHLOROBUTADIENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
HEXACHLOROCYCLOPENTADIENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
HEXACHLOROETHANE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
ISOPHORONE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
NITROBENZENE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
N-NITROSODIMETHYLAMINE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
N-NITROSO-DI-N-PROPYLAMINE	350 U	350 U	400 U	400 U	400 U	350 U	360 U
N-NITROSODIPHENYLAMINE	47 JB	57 JB	69 JB	79 JB	52 JB	47 JB	42 JB
PENTACHLOROPHENOL	1700 U	1700 U	2000 U	1900 U	1900 U	1700 U	1700 U
PHENOL	350 U	350 U	400 U	400 U	400 U	350 U	360 U
PYRIDINE							

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-24	BOR-24	BOR-24	EX13-007	EX13-007	EX13-009	EX13-023	M07C-06
Sample Code	BOR-24 [7.0-7.5]	BOR-24 [11.0-11.5]	BOR-24 [14.0-14.5]	137-S13-007	137-S13-010	137-S13-009	137-S13-023	280-S7C-017
Sampling Date	7/18/1990	7/18/1990	7/18/1990	10/8/1993	10/8/1993	10/8/1993	10/19/1994	8/17/1994
Sampling Depth (feet bgs)	7 - 7.5	11 - 11.5	14 - 14.5	4 -	4 -	7 -	5 -	.5 - 1.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	IMF RA	IMF RA	IMF RA	IMF RA	FO 1994
Analyte								
1,2,4-TRICHLOROBENZENE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
1,2-DICHLOROBENZENE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
1,2-DIPHENYLHYDRAZINE	390 U	390 U	400 U					
1,3-DICHLOROBENZENE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
1,4-DICHLOROBENZENE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
2,2'-OXYBIS(1-CHLOROPROPANE)				510 U	1500 U	1600 U	450 U	3600 U
2,4,5-TRICHLOROPHENOL	1900 U	1900 U	1900 U	1300 U	3700 U	4000 U	1100 U	8800 U
2,4,6-TRICHLOROPHENOL	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
2,4-DICHLOROPHENOL	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
2,4-DIMETHYLPHENOL	390 U	390 U	400 U	510 U	140 J	1200 J	450 U	3600 U
2,4-DINITROPHENOL	1900 U	1900 U	1900 U				1100 U	8800 U
2,4-DINITROTOLUENE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
2,6-DINITROTOLUENE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
2-CHLORONAPHTHALENE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
2-CHLOROPHENOL	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
2-METHYLNAPHTHALENE	390 U	390 U	400 U	100 J	220 J	10000	450 U	3600 U
2-METHYLPHENOL	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
2-NITROANILINE	1900 U	1900 U	1900 U	1300 U	3700 UJ	4000 UJ	1100 U	8800 U
2-NITROPHENOL	390 U	390 U	400 U	510 U	1500 U	1600 U	450 UJ	3600 U
3,3'-DICHLOROBENZIDINE	780 U	770 U	800 U	510 U	1500 U	1600 U	450 U	3600 U
3-METHYL PHENOL								
3-NITROANILINE	1900 U	1900 U	1900 U	1300 U	3700 UJ	4000 UJ	1100 U	8800 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	1900 U	1900 U	1300 U			1100 U	8800 U
4-BROMOPHENYL-PHENYLETHER	390 U	390 U	400 U	510 UJ	1500 U	1600 U	450 U	3600 U
4-CHLORO-3-METHYLPHENOL	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
4-CHLOROANILINE	390 U	390 U	400 U	510 UJ	1500 UJ	1600 UJ	450 U	3600 U
4-CHLOROPHENYL-PHENYLETHER	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
4-METHYLPHENOL	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
4-NITROANILINE	1900 U	1900 U	1900 U	1300 U	3700 U	4000 U	1100 U	8800 U
4-NITROPHENOL	1900 U	1900 U	1900 U		3700 U	4000 U	1100 U	8800 U
ANILINE	390 U	390 U	400 U					
AZOBENZENE								
BENZIDINE								
BENZOIC ACID	1900 U	1900 U	1900 U					
BENZYL ALCOHOL	390 U	390 U	400 U					

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-24	BOR-24	BOR-24	EX13-007	EX13-007	EX13-009	EX13-023	M07C-06
Sample Code	BOR-24 [7.0-7.5]	BOR-24 [11.0-11.5]	BOR-24 [14.0-14.5]	137-S13-007	137-S13-010	137-S13-009	137-S13-023	280-S7C-017
Sampling Date	7/18/1990	7/18/1990	7/18/1990	10/8/1993	10/8/1993	10/8/1993	10/19/1994	8/17/1994
Sampling Depth (feet bgs)	7 - 7.5	11 - 11.5	14 - 14.5	4 -	4 -	7 -	5 -	.5 - 1.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	IMF RA	IMF RA	IMF RA	IMF RA	FO 1994
Analyte								
BIS(2-CHLOROETHOXY)METHANE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
BIS(2-CHLOROETHYL)ETHER	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 U	390 UJ	400 UJ	510 UJ	1500 UJ	1600 UJ	450 U	3600 U
BUTYLBENZYLPHTHALATE	390 U	390 U	400 U	510 U	1500 UJ	1600 UJ	450 UJ	3600 U
CARBAZOLE				510 U	130 J	480 J	450 U	3600 U
DIBENZOFURAN	390 U	390 U	400 U	510 U	1500 U	220 J	450 U	3600 U
DIETHYLPHTHALATE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
DIMETHYLPHTHALATE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
DI-N-BUTYLPHTHALATE	390 UJ	390 UJ	400 UJ	510 UJ	1500 U	1600 U	450 UJ	3600 U
DI-N-OCTYLPHTHALATE	390 U	390 U	400 U	510 U	1500 UJ	1600 UJ	450 U	3600 U
HEXACHLOROBENZENE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
HEXACHLOROBUTADIENE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
HEXACHLOROCYCLOPENTADIENE	390 U	390 U	400 U	510 U			450 U	3600 U
HEXACHLOROETHANE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
ISOPHORONE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
NITROBENZENE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
N-NITROSODIMETHYLAMINE	390 U	390 U	400 U					
N-NITROSO-DI-N-PROPYLAMINE	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
N-NITROSODIPHENYLAMINE	48 JB	49 JB	49 JB	510 UJ	1500 U	1600 U	53 J	3600 U
PENTACHLOROPHENOL	1900 U	1900 U	1900 U	1300 U	3700 U	4000 U	1100 U	8800 UJ
PHENOL	390 U	390 U	400 U	510 U	1500 U	1600 U	450 U	3600 U
PYRIDINE								

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-06	M07C-06	M07C-09	M07C-09	M07C-09	MWOR-1	MWOR-1	MWOR-1
Sample Code	280-S7C-018	280-S7C-019	280-S7C-095	280-S7C-096	280-S7C-097	MWOR-1 [1.0-1.5]	MWOR-1 [2.5-3.0]	MWOR-1 [7.0-7.5]
Sampling Date	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	7/16/1990	7/16/1990	7/16/1990
Sampling Depth (feet bgs)	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6	1 - 1.5	2.5 - 3	7 - 7.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte								
1,2,4-TRICHLOROBENZENE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
1,2-DICHLOROBENZENE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
1,2-DIPHENYLHYDRAZINE						350 U	710 U	380 U
1,3-DICHLOROBENZENE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
1,4-DICHLOROBENZENE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
2,2'-OXYBIS(1-CHLOROPROPANE)	370 U	390 U	1800 U	370 U	480 U			
2,4,5-TRICHLOROPHENOL	900 U	940 U	4300 U	890 U	1200 U	1700 U	3500 U	1800 U
2,4,6-TRICHLOROPHENOL	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
2,4-DICHLOROPHENOL	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
2,4-DIMETHYLPHENOL	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
2,4-DINITROPHENOL	900 U	940 U	4300 U	890 U	1200 U	1700 U	3500 U	1800 U
2,4-DINITROTOLUENE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
2,6-DINITROTOLUENE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
2-CHLORONAPHTHALENE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
2-CHLOROPHENOL	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
2-METHYLNAPHTHALENE	36 J	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
2-METHYLPHENOL	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
2-NITROANILINE	900 U	940 U	4300 U	890 U	1200 U	1700 U	3500 U	1800 U
2-NITROPHENOL	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
3,3'-DICHLOROBENZIDINE	370 U	390 U	1800 U	370 U	480 U	700 U	1400 U	760 U
3-METHYL PHENOL								
3-NITROANILINE	900 U	940 U	4300 UJ	890 UJ	1200 UJ	1700 U	3500 U	1800 U
4,6-DINITRO-2-METHYLPHENOL	900 U	940 U	4300 U	890 U	1200 U	1700 U	3500 U	1800 U
4-BROMOPHENYL-PHENYLETHER	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
4-CHLORO-3-METHYLPHENOL	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
4-CHLOROANILINE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
4-CHLOROPHENYL-PHENYLETHER	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
4-METHYLPHENOL	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
4-NITROANILINE	900 U	940 U	4300 U	890 U	1200 U	1700 U	3500 U	1800 U
4-NITROPHENOL	900 U	940 U	4300 U	890 U	1200 U	1700 U	3500 U	1800 U
ANILINE						350 U	710 U	380 U
AZOBENZENE								
BENZIDINE								
BENZOIC ACID						1700 U	3500 U	1800 U
BENZYL ALCOHOL						350 U	710 U	380 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-06	M07C-06	M07C-09	M07C-09	M07C-09	MWOR-1	MWOR-1	MWOR-1
Sample Code	280-S7C-018	280-S7C-019	280-S7C-095	280-S7C-096	280-S7C-097	MWOR-1 [1.0-1.5]	MWOR-1 [2.5-3.0]	MWOR-1 [7.0-7.5]
Sampling Date	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	7/16/1990	7/16/1990	7/16/1990
Sampling Depth (feet bgs)	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6	1 - 1.5	2.5 - 3	7 - 7.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte								
BIS(2-CHLOROETHOXY)METHANE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
BIS(2-CHLOROETHYL)ETHER	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
BIS(2-ETHYLHEXYL)PHTHALATE	370 U	390 UJ	1800 UJ	370 UJ	480 UJ	350 U	710 UJ	380 U
BUTYLBENZYLPHTHALATE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
CARBAZOLE	370 U	390 U	1800 U	370 U	480 U			
DIBENZOFURAN	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
DIETHYLPHTHALATE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
DIMETHYLPHTHALATE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
DI-N-BUTYLPHTHALATE	370 UJ	390 UJ	1800 UJ	370 UJ	480 UJ	350 U	710 U	380 U
DI-N-OCTYLPHTHALATE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
HEXACHLOROBENZENE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
HEXACHLOROBUTADIENE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
HEXACHLOROCYCLOPENTADIENE	370 U	390 UJ	1800 U	370 U	480 U	350 U	710 U	380 U
HEXACHLOROETHANE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
ISOPHORONE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
NITROBENZENE	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	
N-NITROSODIMETHYLAMINE						350 U	710 U	380 U
N-NITROSO-DI-N-PROPYLAMINE	370 U	390 U	1800 U	370 U	480 U		710 U	380 U
N-NITROSODIPHENYLAMINE	370 U	390 U	1800 U	370 U	480 U		710 U	380 U
PENTACHLOROPHENOL	900 U	940 U	4300 U	890 U	1200 U	1700 U	3500 U	1800 U
PHENOL	370 U	390 U	1800 U	370 U	480 U	350 U	710 U	380 U
PYRIDINE								

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-1	MWOR-2	MWOR-2	MWOR-2	MWOR-2
Sample Code	MWOR-1 [11.5-12.0]	MWOR-1 [14.5-15.0]	MWOR-2 [2.0-2.5]	MWOR-2 [2.5-3.0]	MWOR-2 [7.0-7.5]	MWOR-2 [10.0-10.5]
Sampling Date	7/16/1990	7/16/1990	7/16/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	11.5 - 12	14.5 - 15	2 - 2.5	2.5 - 3	7 - 7.5	10 - 10.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
1,2,4-TRICHLOROBENZENE	390 U	380 U	350 U	350 U	410 U	400 U
1,2-DICHLOROBENZENE	390 U	380 U	350 U	350 U	410 U	400 U
1,2-DIPHENYLHYDRAZINE	390 U	380 U	350 U	350 U	410 U	400 U
1,3-DICHLOROBENZENE	390 U	380 U	350 U	350 U	410 U	400 U
1,4-DICHLOROBENZENE	390 U	380 U	350 U	350 U	410 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)						
2,4,5-TRICHLOROPHENOL	1900 U	1800 U	1700 U	1700 U	2000 U	2000 U
2,4,6-TRICHLOROPHENOL	390 U	380 U	350 U	350 U	410 U	400 U
2,4-DICHLOROPHENOL	390 U	380 U	350 U	350 U	410 U	400 U
2,4-DIMETHYLPHENOL	390 U	380 U	350 U	350 U	410 U	400 U
2,4-DINITROPHENOL	1900 U	1800 U	1700 U	1700 U	2000 U	2000 U
2,4-DINITROTOLUENE	390 U	380 U	350 U	350 U	410 U	400 U
2,6-DINITROTOLUENE	390 U	380 U	350 U	350 U	410 U	400 U
2-CHLORONAPHTHALENE	390 U	380 U	350 U	350 U	410 U	400 U
2-CHLOROPHENOL	390 U	380 U	350 U	350 U	410 U	400 U
2-METHYLNAPHTHALENE	390 U	380 U	350 U	350 U	410 U	400 U
2-METHYLPHENOL	390 U	380 U	350 U	350 U	410 U	400 U
2-NITROANILINE	1900 U	1800 U	1700 U	1700 U	2000 U	2000 U
2-NITROPHENOL	390 U	380 U	350 U	350 U	410 U	400 U
3,3'-DICHLOROBENZIDINE	780 U	750 U	710 U	710 U	820 U	800 U
3-METHYL PHENOL						
3-NITROANILINE	1900 U	1800 U	1700 U	1700 U	2000 U	2000 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	1800 U	1700 U	1700 U	2000 U	2000 U
4-BROMOPHENYL-PHENYLETHER	390 U	380 U	350 U	350 U	410 U	400 U
4-CHLORO-3-METHYLPHENOL	390 U	380 U	350 U	350 U	410 U	400 U
4-CHLOROANILINE	390 U	380 U	350 U	350 U	410 U	400 U
4-CHLOROPHENYL-PHENYLETHER	390 U	380 U	350 U	350 U	410 U	400 U
4-METHYLPHENOL	390 U	380 U	350 U	350 U	410 U	400 U
4-NITROANILINE	1900 U	1800 U	1700 U	1700 U	2000 U	2000 U
4-NITROPHENOL	1900 U	1800 U	1700 U	1700 U	2000 U	2000 U
ANILINE	390 U	380 U				
AZOBENZENE						
BENZIDINE						
BENZOIC ACID	1900 U	1800 U	1700 U	1700 U	2000 U	2000 U
BENZYL ALCOHOL	390 U	380 U	350 U	350 U	410 U	400 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-1	MWOR-2	MWOR-2	MWOR-2	MWOR-2
Sample Code	MWOR-1 [11.5-12.0]	MWOR-1 [14.5-15.0]	MWOR-2 [2.0-2.5]	MWOR-2 [2.5-3.0]	MWOR-2 [7.0-7.5]	MWOR-2 [10.0-10.5]
Sampling Date	7/16/1990	7/16/1990	7/16/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	11.5 - 12	14.5 - 15	2 - 2.5	2.5 - 3	7 - 7.5	10 - 10.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
BIS(2-CHLOROETHOXY)METHANE	390 U	380 U	350 U	350 U	410 U	400 U
BIS(2-CHLOROETHYL)ETHER	390 U	380 U	350 U	350 U	410 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 U	380 U	350 U	350 UJ	410 U	400 U
BUTYLBENZYLPHTHALATE	390 U	380 U	350 U	350 U	410 U	400 U
CARBAZOLE						
DIBENZOFURAN	390 U	380 U	350 U	350 U	410 U	400 U
DIETHYLPHTHALATE	390 U	380 U	350 U	350 U	410 U	400 U
DIMETHYLPHTHALATE	390 U	380 U	350 U	350 U	410 U	400 U
DI-N-BUTYLPHTHALATE	390 U	380 U	350 U	350 U	410 U	400 UJ
DI-N-OCTYLPHTHALATE	390 U	380 U	350 U	350 U	410 U	400 U
HEXACHLOROBENZENE	390 U	380 U	350 U	350 U	410 U	400 U
HEXACHLOROBUTADIENE	390 U	380 U	350 U	350 U	410 U	400 U
HEXACHLOROCYCLOPENTADIENE	390 U	380 U	350 U	350 U	410 U	400 U
HEXACHLOROETHANE	390 U	380 U	350 U	350 U	410 U	400 U
ISOPHORONE	390 U	380 U	350 U	350 U	410 U	400 U
NITROBENZENE	390 U	380 U	350 U	350 U	410 U	400 U
N-NITROSODIMETHYLAMINE	390 U	380 U				
N-NITROSO-DI-N-PROPYLAMINE	390 U	380 U	350 U	350 U	410 U	400 U
N-NITROSODIPHENYLAMINE	390 U	49 JB	350 U	350 U	410 U	400 U
PENTACHLOROPHENOL	1900 U	1800 U	1700 U	1700 U	2000 U	2000 U
PHENOL	390 U	380 U	350 U	350 U	410 U	400 U
PYRIDINE						

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-3	MWOR-3	MWOR-3	MWOR-3	MWOR-3
Sample Code	MWOR-2 [12.0-12.5]	MWOR-3 [2.0-2.5]	MWOR-3 [2.5-3.0]	MWOR-3 [7.0-7.5]	MWOR-3 [10.0-10.5]	MWOR-3 [11.5-12.0]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	12 - 12.5	2 - 2.5	2.5 - 3	7 - 7.5	10 - 10.5	11.5 - 12
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
1,2,4-TRICHLOROBENZENE	410 U	340 U	340 U	380 U	390 U	390 U
1,2-DICHLOROBENZENE	410 U	340 U	340 U	380 U	390 U	390 U
1,2-DIPHENYLHYDRAZINE	410 U	340 U	340 U	380 U	390 U	390 U
1,3-DICHLOROBENZENE	410 U	340 U	340 U	380 U	390 U	390 U
1,4-DICHLOROBENZENE	410 U	340 U	340 U	380 U	390 U	390 U
2,2'-OXYBIS(1-CHLOROPROPANE)						
2,4,5-TRICHLOROPHENOL	2000 U	1700 U	1700 U	1900 U	1900 U	1900 U
2,4,6-TRICHLOROPHENOL	410 U	340 U	340 U	380 U	390 U	390 U
2,4-DICHLOROPHENOL	410 U	340 U	340 U	380 U	390 U	390 U
2,4-DIMETHYLPHENOL	410 U	340 U	340 U	380 U	390 U	390 U
2,4-DINITROPHENOL	2000 U	1700 U	1700 U	1900 U	1900 U	1900 U
2,4-DINITROTOLUENE	410 U	340 U	340 U	380 U	390 U	390 U
2,6-DINITROTOLUENE	410 U	340 U	340 U	380 U	390 U	390 U
2-CHLORONAPHTHALENE	410 U	340 U	340 U	380 U	390 U	390 U
2-CHLOROPHENOL	410 U	340 U	340 U	380 U	390 U	390 U
2-METHYLNAPHTHALENE	410 U	340 U	340 U	380 U	390 U	390 U
2-METHYLPHENOL	410 U	340 U	340 U	380 U	390 U	390 U
2-NITROANILINE	2000 U	1700 U	1700 U	1900 U	1900 U	1900 U
2-NITROPHENOL	410 U	340 U	340 U	380 U	390 U	390 U
3,3'-DICHLOROBENZIDINE	820 U	690 U	690 U	770 U	780 U	790 U
3-METHYL PHENOL						
3-NITROANILINE	2000 U	1700 U	1700 U	1900 U	1900 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	2000 U	1700 U	1700 U	1900 U	1900 U	1900 U
4-BROMOPHENYL-PHENYLETHER	410 U	340 U	340 U	380 U	390 U	390 U
4-CHLORO-3-METHYLPHENOL	410 U	340 U	340 U	380 U	390 U	390 U
4-CHLOROANILINE	410 U	340 U	340 U	380 U	390 U	390 U
4-CHLOROPHENYL-PHENYLETHER	410 U	340 U	340 U	380 U	390 U	390 U
4-METHYLPHENOL	410 U	340 U	340 U	380 U	390 U	390 U
4-NITROANILINE	2000 U	1700 U	1700 U	1900 U	1900 U	1900 U
4-NITROPHENOL	2000 U	1700 U	1700 U	1900 U	1900 U	1900 U
ANILINE						
AZOBENZENE						
BENZIDINE						
BENZOIC ACID	2000 U	1700 U	1700 U	1900 U	1900 U	1900 U
BENZYL ALCOHOL	410 U	340 U	340 U	380 U	390 U	390 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-3	MWOR-3	MWOR-3	MWOR-3	MWOR-3
Sample Code	MWOR-2 [12.0-12.5]	MWOR-3 [2.0-2.5]	MWOR-3 [2.5-3.0]	MWOR-3 [7.0-7.5]	MWOR-3 [10.0-10.5]	MWOR-3 [11.5-12.0]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	12 - 12.5	2 - 2.5	2.5 - 3	7 - 7.5	10 - 10.5	11.5 - 12
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
BIS(2-CHLOROETHOXY)METHANE	410 U	340 U	340 U	380 U	390 U	390 U
BIS(2-CHLOROETHYL)ETHER	410 U	340 U	340 U	380 U	390 U	390 U
BIS(2-ETHYLHEXYL)PHTHALATE	410 U	340 UJ	340 U	380 UJ	390 UJ	390 UJ
BUTYLBENZYLPHTHALATE	410 U	340 U	340 U	380 U	390 U	390 U
CARBAZOLE						
DIBENZOFURAN	410 U	340 U	340 U	380 U	390 U	390 U
DIETHYLPHTHALATE	410 U	340 U	340 U	380 U	390 U	390 UJ
DIMETHYLPHTHALATE	410 U	340 U	340 U	380 U	390 U	390 U
DI-N-BUTYLPHTHALATE	410 UJ	340 U	340 UJ	380 UJ	390 U	390 U
DI-N-OCTYLPHTHALATE	410 U	340 U	340 U	380 U	390 U	390 U
HEXACHLOROBENZENE	410 U	340 U	340 U	380 U	390 U	390 U
HEXACHLOROBUTADIENE	410 U	340 U	340 U	380 U	390 U	390 U
HEXACHLOROCYCLOPENTADIENE	410 U	340 U	340 U	380 U	390 U	390 U
HEXACHLOROETHANE	410 U	340 U	340 U	380 U	390 U	390 U
ISOPHORONE	410 U	340 U	340 U	380 U	390 U	390 U
NITROBENZENE	410 U	340 U	340 U	380 U	390 U	390 U
N-NITROSODIMETHYLAMINE						
N-NITROSO-DI-N-PROPYLAMINE	410 U	340 U	340 U	380 U	390 U	390 U
N-NITROSODIPHENYLAMINE	410 U	340 U	340 U	380 U	390 U	390 U
PENTACHLOROPHENOL	2000 U	1700 U	1700 U	1900 U	1900 U	1900 U
PHENOL	410 U	340 U	340 U	380 U	390 U	390 U
PYRIDINE						

Notes:

UG/KG Micrograms per kilogram

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-4	MWOR-4	MWOR-4	MWOR-4	MWOR-4
Sample Code	MWOR-4 [1.5-2.0]	MWOR-4 [2.5-3.0]	MWOR-4 [6.5-7.0]	MWOR-4 [10.0-10.5]	MWOR-4 [14.0-14.5]
Sampling Date	7/19/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	1.5 - 2	2.5 - 3	6.5 - 7	10 - 10.5	14 - 14.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,2,4-TRICHLOROBENZENE	350 U	360 U	400 U	390 U	400 U
1,2-DICHLOROBENZENE	350 U	360 U	400 U	390 U	400 U
1,2-DIPHENYLHYDRAZINE	350 U	360 U	400 U	390 U	400 U
1,3-DICHLOROBENZENE	350 U	360 U	400 U	390 U	400 U
1,4-DICHLOROBENZENE	350 U	360 U	400 U	390 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)					
2,4,5-TRICHLOROPHENOL	1700 U	1800 U	1900 U	1900 U	1900 U
2,4,6-TRICHLOROPHENOL	350 U	360 U	400 U	390 U	400 U
2,4-DICHLOROPHENOL	350 U	360 U	400 U	390 U	400 U
2,4-DIMETHYLPHENOL	350 U	360 U	400 U	390 U	400 U
2,4-DINITROPHENOL	1700 U	1800 U	1900 U	1900 U	1900 U
2,4-DINITROTOLUENE	350 U	360 U	400 U	390 U	400 U
2,6-DINITROTOLUENE	350 U	360 U	400 U	390 U	400 U
2-CHLORONAPHTHALENE	350 U	360 U	400 U	390 U	400 U
2-CHLOROPHENOL	350 U	360 U	400 U	390 U	400 U
2-METHYLNAPHTHALENE	350 U	360 U	400 U	390 U	400 U
2-METHYLPHENOL	350 U	360 U	400 U	390 U	400 U
2-NITROANILINE	1700 U	1800 U	1900 U	1900 U	1900 U
2-NITROPHENOL	350 U	360 U	400 U	390 U	400 U
3,3'-DICHLOROBENZIDINE	710 U	730 U	800 U	790 U	790 U
3-METHYL PHENOL					
3-NITROANILINE	1700 U	1800 U	1900 U	1900 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	1700 U	1800 U	1900 U	1900 U	1900 U
4-BROMOPHENYL-PHENYLETHER	350 U	360 U	400 U	390 U	400 U
4-CHLORO-3-METHYLPHENOL	350 U	360 U	400 U	390 U	400 U
4-CHLOROANILINE	350 U	360 U	400 U	390 U	400 U
4-CHLOROPHENYL-PHENYLETHER	350 U	360 U	400 U	390 U	400 U
4-METHYLPHENOL	350 U	360 U	400 U	390 U	400 U
4-NITROANILINE	1700 U	1800 U	1900 U	1900 U	1900 U
4-NITROPHENOL	1700 U	1800 U	1900 U	1900 U	1900 U
ANILINE	350 U	360 U	400 U	390 U	400 U
AZOBENZENE					
BENZIDINE					
BENZOIC ACID	1700 U	1800 U	1900 U	1900 U	1900 U
BENZYL ALCOHOL	350 U	360 U	400 U	390 U	400 U

TABLE E-45: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-4	MWOR-4	MWOR-4	MWOR-4	MWOR-4
Sample Code	MWOR-4 [1.5-2.0]	MWOR-4 [2.5-3.0]	MWOR-4 [6.5-7.0]	MWOR-4 [10.0-10.5]	MWOR-4 [14.0-14.5]
Sampling Date	7/19/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	1.5 - 2	2.5 - 3	6.5 - 7	10 - 10.5	14 - 14.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
BIS(2-CHLOROETHOXY)METHANE	350 U	360 U	400 U	390 U	400 U
BIS(2-CHLOROETHYL)ETHER	350 U	360 U	400 U	390 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	350 UJ	360 UJ	400 UJ	390 UJ	400 U
BUTYLBENZYLPHTHALATE	350 U	360 U	400 U	390 U	400 U
CARBAZOLE					
DIBENZOFURAN	350 U	360 U	400 U	390 U	400 U
DIETHYLPHTHALATE	350 U	360 U	400 U	390 U	400 U
DIMETHYLPHTHALATE	350 U	360 U	400 U	390 U	400 U
DI-N-BUTYLPHTHALATE	350 UJ	360 UJ	400 UJ	390 UJ	400 U
DI-N-OCTYLPHTHALATE	350 U	360 U	400 U	390 U	400 U
HEXACHLOROBENZENE	350 U	360 U	400 U	390 U	400 U
HEXACHLOROBUTADIENE	350 U	360 U	400 U	390 U	400 U
HEXACHLOROCYCLOPENTADIENE	350 U	360 U	400 U	390 U	400 U
HEXACHLOROETHANE	350 U	360 U	400 U	390 U	400 U
ISOPHORONE	350 U	360 U	400 U	390 U	400 U
NITROBENZENE	350 U	360 U	400 U	390 U	400 U
N-NITROSODIMETHYLAMINE	350 U	360 U	400 U	390 U	400 U
N-NITROSO-DI-N-PROPYLAMINE	350 U	360 U	400 U	390 U	400 U
N-NITROSODIPHENYLAMINE	43 JB	72 JB	46 JB	390 U	400 U
PENTACHLOROPHENOL	1700 U	1800 U	1900 U	1900 U	1900 U
PHENOL	350 U	360 U	400 U	390 U	400 U
PYRIDINE					

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
Sample ID	18591-1	18591-3	18591-4	18591-5	18591-6	18591-7	18591-8	18606-1
Sampling Date	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	11/1/1989
Sampling Depth (feet bgs)	5.5 -	5 -	5.5 -	4.5 -	4.5 -	5.5 -	4.5 -	3.5 -
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0
Analyte								
1,1,1-TRICHLOROETHANE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
1,1,2,2-TETRACHLOROETHANE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
1,1,2-TRICHLOROETHANE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
1,1-DICHLOROETHANE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
1,1-DICHLOROETHENE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
1,2,4-TRIMETHYLBENZENE								
1,2-DICHLOROBENZENE								
1,2-DICHLOROETHANE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2-BUTANONE	1000 U	10 U	500 U	5000 U	10 U	10 U	10 U	5 U
2-CHLOROETHYLVINYLETHER	1000 U	10 U	500 U	5000 U	10 U	10 U	10 U	10 U
2-HEXANONE	1000 U	10 U	500 U	5000 U	10 U	10 U	10 U	5 U
4-METHYL-2-PENTANONE	1000 U	10 U	500 U	5000 U	10 U	10 U	10 U	5 U
ACETONE	1000 U	10 U	500 U	5000 U	10 U	10 U	10 U	5 U
BENZENE	500 U	5 U	250 U	7000	5 U	5 U	5 U	5 U
BROMODICHLOROMETHANE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
BROMOFORM	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
BROMOMETHANE	1000 U	10 U	500 U	5000 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
CARBON TETRACHLORIDE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
CHLOROBENZENE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
CHLOROETHANE	1000 U	10 U	500 U	5000 U	10 U	10 U	10 U	10 U
CHLOROFORM	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
CHLOROMETHANE	1000 U	10 U	500 U	5000 U	10 U	10 U	10 U	10 U
CIS-1,2-DICHLOROETHENE								
CIS-1,2-DICHLOROPROPENE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
ETHYLBENZENE	500 U	2.6 J	250 U	7800	5 U	5 U	5 U	5 U
ETHYLENE DIBROMIDE								
HEXANE								
M,P-XYLENE								
METHYLENE CHLORIDE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
METHYL-T-BUTYL ETHER								
O-XYLENE								
STYRENE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
TETRACHLOROETHENE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
TOLUENE	500 U	5 U	250 U	39000	5 U	5 U	5 U	5 U
TRANS-1,2-DICHLOROETHENE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
TRANS-1,3-DICHLOROPROPENE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
TRICHLOROETHENE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
TRICHLOROFLUOROMETHANE	500 U	5 U	250 U	2500 U	5 U	5 U	5 U	5 U
VINYL ACETATE	1000 U	10 U	500 U	5000 U	10 U	10 U	10 U	5 U
VINYL CHLORIDE	1000 U	10 U	500 U	5000 U	10 U	10 U	10 U	10 U
XYLENE (TOTAL)	500 U	3.6 J	250 U	22000	5 U	5 U	5 U	5 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-12	B-13	B-14	B-14	B-15	B-15	B-16	B-17
Sample ID	18607-1	18606-2	18607-2	18607-4	18607-5	18620-1	18606-3	18607-6
Sampling Date	11/1/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989
Sampling Depth (feet bgs)	5 -	3 -	4 -	15 -	5.5 -	5.5 -	5 -	5.5 -
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0
Analyte								
1,1,1-TRICHLOROETHANE		5 U				5 U	5 U	
1,1,2,2-TETRACHLOROETHANE		5 U				5 U	5 U	
1,1,2-TRICHLOROETHANE		5 U				5 U	5 U	
1,1-DICHLOROETHANE		5 U				5 U	5 U	
1,1-DICHLOROETHENE		5 U				5 U	5 U	
1,2,4-TRIMETHYLBENZENE								
1,2-DICHLOROBENZENE								
1,2-DICHLOROETHANE		5 U				5 U	5 U	
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE		5 U				5 U	5 U	
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2-BUTANONE		5 U				5 U	5 U	
2-CHLOROETHYLVINYLETHER		10 U				10 U	10 U	
2-HEXANONE		5 U				5 U	5 U	
4-METHYL-2-PENTANONE		5 U				5 U	5 U	
ACETONE		5 U				5 U	5 U	
BENZENE	5 U	5 U	10 U	250 U	5 U	5 U	5 U	5 U
BROMODICHLOROMETHANE		5 U				5 U	5 U	
BROMOFORM		5 U				5 U	5 U	
BROMOMETHANE		10 U				10 U	10 U	
CARBON DISULFIDE		5 U				5 U	5 U	
CARBON TETRACHLORIDE		5 U				5 U	5 U	
CHLOROBENZENE		5 U				5 U	5 U	
CHLOROETHANE		10 U				10 U	10 U	
CHLOROFORM		5 U				5 U	5 U	
CHLOROMETHANE		10 U				10 U	10 U	
CIS-1,2-DICHLOROETHENE								
CIS-1,2-DICHLOROPROPENE		5 U				5 U	5 U	
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE		5 U				5 U	5 U	
ETHYLBENZENE	5 U	5 U	10 U	250 U	5 U	5 U	5 U	5 U
ETHYLENE DIBROMIDE								
HEXANE								
M,P-XYLENE								
METHYLENE CHLORIDE		5 U				5 U	5 U	
METHYL-T-BUTYL ETHER								
O-XYLENE								
STYRENE		5 U				5 U	5 U	
TETRACHLOROETHENE		5 U				5 U	5 U	
TOLUENE	5 U	5 U	10 U	250 U	5 U	5 U	5 U	5 U
TRANS-1,2-DICHLOROETHENE		5 U				5 U	5 U	
TRANS-1,3-DICHLOROPROPENE		5 U				5 U	5 U	
TRICHLOROETHENE		5 U				5 U	5 U	
TRICHLOROFLUOROMETHANE		5 U				5 U	5 U	
VINYL ACETATE		5 U				5 U	5 U	
VINYL CHLORIDE		10 U				10 U	10 U	
XYLENE (TOTAL)	5 U	5 U	10 U	9300	5 U	5 U	5 U	5 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-28	B13-28	B13-28	B13-29	B13-29	B13-29	B13-30
Sample ID	280-S13-001	280-S13-002	280-S13-003	280-S13-004	280-S13-006	280-S13-007	280-S13-008
Sampling Date	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	5.5 - 6	1 - 1.5	2.5 - 3.5	5 - 5.5	1 - 2
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,1,1-TRICHLOROETHANE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
1,1,2,2-TETRACHLOROETHANE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
1,1,2-TRICHLOROETHANE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
1,1-DICHLOROETHANE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
1,1-DICHLOROETHENE	11 U	12 U	60 U	11 UJ	12 UJ	12 U	12 U
1,2,4-TRIMETHYLBENZENE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	11 U	12 U	60 UJ	11 U	12 U	12 U	12 U
1,2-DICHLOROETHENE (TOTAL)	11 U	12 U	60 U	11 U	12 U	12 U	12 U
1,2-DICHLOROPROPANE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	12 UJ	12 UJ	60 UJ	11 U	12 U	12 U	12 UJ
2-CHLOROETHYLVINYLETHER							
2-HEXANONE	11 U	12 U	60 UJ	11 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	11 U	12 U	60 UJ	11 U	12 U	12 U	12 U
ACETONE	110 UJ	60 UJ	60 UJ	110 UJ	12 UJ	60 UJ	60 UJ
BENZENE	11 U	12 U	60 U	26	82	12 U	12 U
BROMODICHLOROMETHANE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
BROMOFORM	11 U	12 U	60 U	11 U	12 U	12 U	12 U
BROMOMETHANE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
CARBON DISULFIDE	11 U	12 U	60 U	11 UJ	12 UJ	12 U	12 U
CARBON TETRACHLORIDE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
CHLOROBENZENE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
CHLOROETHANE	11 U	12 U	60 UJ	11 U	12 U	12 U	12 U
CHLOROFORM	11 U	12 U	60 U	11 U	12 U	12 U	12 U
CHLOROMETHANE	11 U	12 U	60 UJ	11 UJ	12 UJ	12 UJ	12 UJ
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	11 UJ	12 UJ	60 U	11 U	12 U	12 U	12 U
DIBROMOCHLOROMETHANE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
ETHYLBENZENE	11 U	12 U	21 J	97	560	6 J	12 U
ETHYLENE DIBROMIDE							
HEXANE							
M,P-XYLENE							
METHYLENE CHLORIDE	11 U	12 U	60 UJ	11 UJ	12 UJ	12 U	12 U
METHYL-T-BUTYL ETHER							
O-XYLENE							
STYRENE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
TETRACHLOROETHENE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
TOLUENE	11 U	12 U	60 U	9 J	220	12 U	12 U
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	11 UJ	12 UJ	60 U	11 U	12 U	12 U	12 U
TRICHLOROETHENE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	11 U	12 U	60 U	11 U	12 U	12 U	12 U
XYLENE (TOTAL)	11 U	5 J	62	240	2800	18	12 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-30	B13-30	B13-31	B13-31	B13-31	B13-32	B13-32
Sample ID	280-S13-009	280-S13-010	280-S13-011	280-S13-012	280-S13-013	280-S13-016	280-S13-017
Sampling Date	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	8/12/1994	8/12/1994
Sampling Depth (feet bgs)	2.5 - 3.5	5 - 5.5	1 - 2	2.5 - 3.5	4.5 - 5.5	2 - 3	4 - 5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,1,1-TRICHLOROETHANE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
1,1,2,2-TETRACHLOROETHANE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
1,1,2-TRICHLOROETHANE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
1,1-DICHLOROETHANE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
1,1-DICHLOROETHENE	12 U	61 U	12 U	12 UJ	12 U	12 U	11 U
1,2,4-TRIMETHYLBENZENE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	12 U	61 U	12 U	12 U	12 U	12 UJ	11 UJ
1,2-DICHLOROETHENE (TOTAL)	12 U	61 U	12 U	12 U	12 U	12 U	11 U
1,2-DICHLOROPROPANE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	12 UJ	61 U	60 UJ	12 U	12 U	33 UJ	34 UJ
2-CHLOROETHYLVINYLETHER							
2-HEXANONE	12 U	61 U	12 U	12 U	12 U	12 UJ	11 UJ
4-METHYL-2-PENTANONE	12 U	61 U	12 U	12 U	12 U	12 UJ	11 UJ
ACETONE	120 UJ	61 UJ	180 J	12 UJ	240 J	190 J	71 UJ
BENZENE	3 J	61 U	2 J	12 U	12 U	12 U	11 U
BROMODICHLOROMETHANE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
BROMOFORM	12 U	61 U	12 U	12 U	12 U	12 U	11 U
BROMOMETHANE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
CARBON DISULFIDE	12 U	61 U	2 J	12 UJ	12 U	12 UJ	1 J
CARBON TETRACHLORIDE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
CHLOROBENZENE	12 U	61 U	12 U	12 U	2 J	12 U	11 U
CHLOROETHANE	12 U	61 U	12 U	12 U	12 U	12 UJ	11 UJ
CHLOROFORM	12 U	61 U	12 U	12 U	12 U	12 U	11 U
CHLOROMETHANE	12 UJ	61 U	12 UJ	12 UJ	12 UJ	12 U	11 U
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
DIBROMOCHLOROMETHANE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
ETHYLBENZENE	3 J	5100	6 J	97	150	10 J	160
ETHYLENE DIBROMIDE							
HEXANE							
M,P-XYLENE							
METHYLENE CHLORIDE	12 U	61 U	12 U	12 UJ	12 U	10 UJ	11 U
METHYL-T-BUTYL ETHER							
O-XYLENE							
STYRENE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
TETRACHLOROETHENE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
TOLUENE	5 J	61 U	2 J	12 U	12 U	1 J	8 J
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
TRICHLOROETHENE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	12 U	61 U	12 U	12 U	12 U	12 U	11 U
XYLENE (TOTAL)	21	38000	20	370	540	28	2900

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-06	M07C-06	M07C-06	M07C-09	M07C-09	M07C-09
Sample ID	280-S7C-017	280-S7C-018	280-S7C-019	280-S7C-095	280-S7C-096	280-S7C-097
Sampling Date	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994
Sampling Depth (feet bgs)	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte						
1,1,1-TRICHLOROETHANE	11 UJ	13 UJ	12 UJ		11 U	14 U
1,1,2,2-TETRACHLOROETHANE	11 UJ	13 UJ	12 UJ		11 U	14 U
1,1,2-TRICHLOROETHANE	11 UJ	13 UJ	12 UJ		11 U	14 U
1,1-DICHLOROETHANE	11 UJ	13 UJ	12 UJ		11 U	14 U
1,1-DICHLOROETHENE	11 UJ	13 UJ	12 UJ		11 U	14 U
1,2,4-TRIMETHYLBENZENE						
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE	11 UJ	13 UJ	12 UJ		11 U	14 U
1,2-DICHLOROETHENE (TOTAL)	11 UJ	13 UJ	12 UJ		11 U	14 U
1,2-DICHLOROPROPANE	11 UJ	13 UJ	12 UJ		11 U	14 U
1,3,5-TRIMETHYLBENZENE						
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE	11 UJ	13 UJ	12 UJ		35 UJ	14 U
2-CHLOROETHYLVINYLETHER						
2-HEXANONE	11 UJ	13 UJ	12 UJ		11 U	14 U
4-METHYL-2-PENTANONE	11 UJ	13 UJ	12 UJ		11 U	14 U
ACETONE	26 UJ	59 UJ	30 UJ		150 J	31 UJ
BENZENE	11 UJ	13 UJ	12 UJ		11 U	14 U
BROMODICHLOROMETHANE	11 UJ	13 UJ	12 UJ		11 U	14 U
BROMOFORM	11 UJ	13 UJ	12 UJ		11 U	14 U
BROMOMETHANE	11 UJ	13 UJ	12 UJ		11 U	14 U
CARBON DISULFIDE	11 UJ	13 UJ	12 UJ		11 U	14 U
CARBON TETRACHLORIDE	11 UJ	13 UJ	12 UJ		11 U	14 U
CHLOROBENZENE	11 UJ	13 UJ	12 UJ		11 U	14 U
CHLOROETHANE	11 UJ	13 UJ	12 UJ		11 U	14 U
CHLOROFORM	11 UJ	13 UJ	12 UJ		11 U	14 U
CHLOROMETHANE	11 UJ	13 UJ	12 UJ		11 U	14 U
CIS-1,2-DICHLOROETHENE						
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE	11 UJ	13 UJ	12 UJ		11 U	14 U
DIBROMOCHLOROMETHANE	11 UJ	13 UJ	12 UJ		11 U	14 U
ETHYLBENZENE	11 UJ	13 UJ	12 UJ		11 U	14 U
ETHYLENE DIBROMIDE	6 UJ	6 UJ	6 UJ	11 U	11 U	14 U
HEXANE						
M,P-XYLENE						
METHYLENE CHLORIDE	11 UJ	13 UJ	12 UJ		44 UJ	52 UJ
METHYL-T-BUTYL ETHER						
O-XYLENE						
STYRENE	11 UJ	13 UJ	12 UJ		11 U	14 U
TETRACHLOROETHENE	11 UJ	13 UJ	12 UJ		11 U	14 U
TOLUENE	11 UJ	60 UJ	12 UJ		11 U	14 U
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE	11 UJ	13 UJ	12 UJ		11 U	14 U
TRICHLOROETHENE	11 UJ	13 UJ	12 UJ		11 U	14 U
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE	11 UJ	13 UJ	12 UJ		11 U	14 U
XYLENE (TOTAL)	11 UJ	52 UJ	12 UJ		11 U	14 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-06	M13-06	M13-07	M13-07	M13-07	M13-08	M13-08
Sample ID	280-S13-019	280-S13-020	280-S13-022	280-S13-023	280-S13-024	280-S13-025	280-S13-026
Sampling Date	8/12/1994	8/12/1994	8/12/1994	8/12/1994	8/12/1994	11/19/1994	11/19/1994
Sampling Depth (feet bgs)	2.5 - 3.5	4 - 5	1.5 - 2.5	2.5 - 3.5	4.5 - 5.5	1 - 2	2.5 - 3.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,1,1-TRICHLOROETHANE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
1,1,2,2-TETRACHLOROETHANE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
1,1,2-TRICHLOROETHANE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
1,1-DICHLOROETHANE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
1,1-DICHLOROETHENE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
1,2,4-TRIMETHYLBENZENE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	10 UJ	12 UJ	10 UJ	12 UJ	13 UJ	11 UJ	12 U
1,2-DICHLOROETHENE (TOTAL)	10 U	12 U	10 U	12 U	13 U	11 U	12 U
1,2-DICHLOROPROPANE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	10 UJ	12 UJ	10 UJ	12 UJ	13 UJ	11 U	12 U
2-CHLOROETHYLVINYLETHER							
2-HEXANONE	10 UJ	12 UJ	10 UJ	12 UJ	13 UJ	11 U	12 U
4-METHYL-2-PENTANONE	10 UJ	12 UJ	10 UJ	12 UJ	13 UJ	11 U	12 U
ACETONE	10 UJ	12 UJ	10 UJ	12 UJ	15 UJ	11 UJ	12 UJ
BENZENE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
BROMODICHLOROMETHANE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
BROMOFORM	10 U	12 U	10 U	12 U	13 U	11 U	12 U
BROMOMETHANE	10 U	12 U	10 U	12 U	13 U	11 UJ	12 UJ
CARBON DISULFIDE	10 UJ	12 UJ	10 UJ	12 UJ	13 UJ	11 U	2 J
CARBON TETRACHLORIDE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
CHLOROBENZENE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
CHLOROETHANE	10 UJ	12 UJ	10 UJ	12 UJ	13 UJ	11 UJ	12 U
CHLOROFORM	10 U	12 U	10 U	12 U	13 U	11 U	12 U
CHLOROMETHANE	10 U	12 U	10 U	12 U	13 U	11 UJ	12 UJ
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
DIBROMOCHLOROMETHANE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
ETHYLBENZENE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
ETHYLENE DIBROMIDE							
HEXANE							
M,P-XYLENE							
METHYLENE CHLORIDE	10 U	12 UJ	10 U	12 U	13 UJ	11 UJ	12 U
METHYL-T-BUTYL ETHER							
O-XYLENE							
STYRENE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
TETRACHLOROETHENE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
TOLUENE	10 U	12 U	10 U	12 U	1 J	11 U	12 U
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
TRICHLOROETHENE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	10 U	12 U	10 U	12 U	13 U	11 U	12 U
XYLENE (TOTAL)	10 U	12 U	10 U	12 U	13 U	11 U	12 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-08	M13-09	M13-09	M13-09	B-IMF-01	B-IMF-06	B-IMF-07
Sample ID	280-S13-027	280-S13-028	280-S13-029	280-S13-030	IMF-01-08	IMF-06-10	IMF-07-10
Sampling Date	11/19/1994	11/19/1994	11/19/1994	11/19/1994	7/30/1991	7/30/1991	7/30/1991
Sampling Depth (feet bgs)	5 - 6	1 - 2	2.5 - 3.5	5 - 6	8 - 8.5	10 - 10.5	10 - 10.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	IMF RA	IMF RA	IMF RA
Analyte							
1,1,1-TRICHLOROETHANE	12 U	11 U	12 U	12 U			
1,1,2,2-TETRACHLOROETHANE	12 U	11 U	12 U	12 U			
1,1,2-TRICHLOROETHANE	12 U	11 U	12 U	12 U			
1,1-DICHLOROETHANE	12 U	11 U	12 U	12 U			
1,1-DICHLOROETHENE	12 U	11 U	12 U	12 U	3.2 U	3.2 U	3.2 U
1,2,4-TRIMETHYLBENZENE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	12 UJ	11 UJ	12 UJ	12 UJ	2.5 U	2.5 U	2.5 U
1,2-DICHLOROETHENE (TOTAL)	12 U	11 U	12 U	12 U			
1,2-DICHLOROPROPANE	12 U	11 U	12 U	12 U			
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	12 U	11 U	12 U	12 UJ	10 U	10 U	10 U
2-CHLOROETHYLVINYLETHER							
2-HEXANONE	12 U	11 U	12 U	12 U			
4-METHYL-2-PENTANONE	12 U	11 U	12 U	12 U			
ACETONE	12 UJ	11 UJ	12 UJ	22 UJ			
BENZENE	12 U	11 U	12 U	12 U	2.9	1 U	1 U
BROMODICHLOROMETHANE	12 U	11 U	12 U	12 U			
BROMOFORM	12 U	11 U	12 U	12 U			
BROMOMETHANE	12 UJ	11 UJ	12 UJ	12 UJ			
CARBON DISULFIDE	12 U	11 U	12 U	12 U			
CARBON TETRACHLORIDE	12 U	11 U	12 U	12 U	2.6 U	2.6 U	2.6 U
CHLOROBENZENE	12 U	11 U	12 U	12 U	1.4 U	1.4 U	1.4 U
CHLOROETHANE	12 UJ	11 UJ	12 UJ	12 UJ			
CHLOROFORM	12 U	11 U	12 U	12 U	2.5 U	2.5 U	2.5 U
CHLOROMETHANE	12 UJ	11 UJ	12 UJ	12 UJ			
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	12 U	11 U	12 U	12 U			
DIBROMOCHLOROMETHANE	12 U	11 U	12 U	12 U			
ETHYLBENZENE	12 U	11 U	12 U	12 U			
ETHYLENE DIBROMIDE							
HEXANE							
M,P-XYLENE							
METHYLENE CHLORIDE	12 UJ	11 UJ	12 UJ	12 UJ			
METHYL-T-BUTYL ETHER							
O-XYLENE							
STYRENE	12 U	11 U	12 U	12 U			
TETRACHLOROETHENE	12 U	11 U	12 U	12 U	1.9 U	1.9 U	1.9 U
TOLUENE	12 U	11 U	12 U	12 U			
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	12 U	11 U	12 U	12 U			
TRICHLOROETHENE	12 U	11 U	12 U	12 U	3 U	3 U	3 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	12 U	11 U	12 U	12 U	4.6 U	4.6 U	4.6 U
XYLENE (TOTAL)	12 U	11 U	12 U	12 U			

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	EX13-007	EX13-007	EX13-009	EX13-023	BOR-6	BOR-6
Sample ID	137-S13-007	137-S13-010	137-S13-009	137-S13-023	BOR-6 [5.5-6.0]	BOR-6 [8.0-8.5]
Sampling Date	10/8/1993	10/8/1993	10/8/1993	10/19/1994	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	4 -	4 -	7 -	5 -	5.5 - 6	8 - 8.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	IMF RA	IMF RA	IMF RA	IMF RA	PH 1&2A 1991	PH 1&2A 1991
Analyte						
1,1,1-TRICHLOROETHANE	15 U	11 U	60 U	14 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	15 U	11 U	60 U	14 U	6 U	6 U
1,1,2-TRICHLOROETHANE	15 U	11 U	60 U	14 U	6 U	6 U
1,1-DICHLOROETHANE	15 U	11 U	60 U	14 U	6 U	6 U
1,1-DICHLOROETHENE	15 U	11 U	60 U	14 U	6 U	6 U
1,2,4-TRIMETHYLBENZENE						
1,2-DICHLOROBENZENE					6 U	6 U
1,2-DICHLOROETHANE	15 U	11 U	60 U	14 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	15 U	11 U	60 U	14 U	6 U	6 U
1,2-DICHLOROPROPANE	15 U	11 U	60 U	14 U	6 U	6 U
1,3,5-TRIMETHYLBENZENE						
1,3-DICHLOROBENZENE					6 U	6 U
1,4-DICHLOROBENZENE					6 U	6 U
2-BUTANONE	15 UJ	11 UJ	60 UJ	14 UJ	12 U	12 U
2-CHLOROETHYLVINYLETHER					12 U	12 U
2-HEXANONE	15 U	11 U	60 U	14 U	12 U	12 U
4-METHYL-2-PENTANONE	15 UJ	11 UJ	41 J	14 U	12 U	12 U
ACETONE	85 UJ	11 UJ	470 J	70 UJ	12 UJ	12 UJ
BENZENE	15 U	2 J	270	1 J	6 U	6 U
BROMODICHLOROMETHANE	15 U	11 U	60 U	14 U	6 U	6 U
BROMOFORM	15 U	11 U	60 U	14 U	6 U	6 U
BROMOMETHANE	15 U	11 U	60 U	14 U	12 U	12 U
CARBON DISULFIDE	15 UJ	11 U	60 U	14 U	6 U	6 U
CARBON TETRACHLORIDE	15 U	11 U	60 U	14 U	6 U	6 U
CHLOROBENZENE	15 U	11 U	60 U	14 U	6 U	6 U
CHLOROETHANE	15 U	11 U	60 U	14 UJ	12 U	12 U
CHLOROFORM	15 U	11 U	60 U	14 U	6 U	6 U
CHLOROMETHANE	15 U	11 U	60 U	14 U	12 U	12 U
CIS-1,2-DICHLOROETHENE						
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE	15 U	11 U	60 U	14 U	6 U	6 U
DIBROMOCHLOROMETHANE	15 U	11 U	60 U	14 U	6 U	6 U
ETHYLBENZENE	15 U	8 J	220 J	14 U	6 U	6 U
ETHYLENE DIBROMIDE						
HEXANE						
M,P-XYLENE						
METHYLENE CHLORIDE	49 UJ	22 UJ	60 UJ	14 U	21 UJ	19 UJ
METHYL-T-BUTYL ETHER						
O-XYLENE						
STYRENE	15 U	11 U	60 U	14 U	6 U	6 U
TETRACHLOROETHENE	15 U	11 U	60 U	14 U	6 U	6 U
TOLUENE	15 U	27	9100 J	14 U	8	18
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE	15 U	11 U	60 U	14 U	6 U	6 U
TRICHLOROETHENE	15 U	11 U	60 U	14 U	6 U	6 U
TRICHLOROFLUOROMETHANE					6 U	6 U
VINYL ACETATE					12 U	12 U
VINYL CHLORIDE	15 U	11 U	60 U	14 U	12 U	12 U
XYLENE (TOTAL)	15 U	120	32000 J	14 U	6 U	6 U

Notes:
UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-6	BOR-6	BOR-7	BOR-7	BOR-7
Sample ID	BOR-6 [11.0-11.5]	BOR-6 [14.0-14.5]	BOR-7 [2.5-3.0]	BOR-7 [4.0-4.5]	BOR-7 [8.5-9.0]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	2.5 - 3	4 - 4.5	8.5 - 9
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	6 U	6 U	11 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	11 U	6 U	6 U
1,1,2-TRICHLOROETHANE	6 U	6 U	11 U	6 U	6 U
1,1-DICHLOROETHANE	6 U	6 U	11 U	6 U	6 U
1,1-DICHLOROETHENE	6 U	6 U	11 U	6 U	6 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE	6 U	6 U	11 U	6 U	6 U
1,2-DICHLOROETHANE	6 U	6 U	11 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	11 U	6 U	6 U
1,2-DICHLOROPROPANE	6 U	6 U	11 U	6 U	6 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE	6 U	6 U	11 U	6 U	6 U
1,4-DICHLOROBENZENE	6 U	6 U	11 U	6 U	6 U
2-BUTANONE	12 U	12 U	22 U	12 U	12 U
2-CHLOROETHYLVINYLETHER	12 U	12 U	22 U	12 U	12 U
2-HEXANONE	12 U	12 U	22 U	12 U	12 U
4-METHYL-2-PENTANONE	12 U	12 U	22 U	12 U	12 U
ACETONE	12 UJ	29 UJ	22 UJ	12 UJ	12 UJ
BENZENE	6 U	6 U	11 U	6 U	6 U
BROMODICHLOROMETHANE	6 U	6 U	11 U	6 U	6 U
BROMOFORM	6 U	6 U	11 U	6 U	6 U
BROMOMETHANE	12 U	12 U	22 U	12 U	12 U
CARBON DISULFIDE	6 U	6 U	11 U	6 U	6 U
CARBON TETRACHLORIDE	6 U	6 U	11 U	6 U	6 U
CHLOROBENZENE	6 U	6 U	11 U	6 U	6 U
CHLOROETHANE	12 U	12 U	22 U	12 U	12 U
CHLOROFORM	6 U	6 U	11 U	6 U	6 U
CHLOROMETHANE	12 U	12 U	22 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	6 U	6 U	11 U	6 U	6 U
DIBROMOCHLOROMETHANE	6 U	6 U	11 U	6 U	6 U
ETHYLBENZENE	6 U	6 U	11 U	6 U	6 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	22 UJ	11 UJ	31 UJ	12 UJ	14 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	6 U	11 U	6 U	6 U
TETRACHLOROETHENE	6 U	6 U	11 U	6 U	6 U
TOLUENE	54	13	260	9	14
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	11 U	6 U	6 U
TRICHLOROETHENE	6 U	6 U	11 U	6 U	6 U
TRICHLOROFLUOROMETHANE	6 U	6 U	11 U	6 U	6 U
VINYL ACETATE	12 U	12 U	22 U	12 U	12 U
VINYL CHLORIDE	12 U	12 U	22 U	12 U	12 U
XYLENE (TOTAL)	6 U	6 U	11 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-7	BOR-8	BOR-8	BOR-8	BOR-8
Sample ID	BOR-7 [13.5-14.0]	BOR-8 [4.0-4.5]	BOR-8 [7.0-7.5]	BOR-8 [11.0-11.5]	BOR-8 [14.0-14.5]
Sampling Date	7/5/1990	7/16/1990	7/16/1990	7/16/1990	7/16/1990
Sampling Depth (feet bgs)	13.5 - 14	4 - 4.5	7 - 7.5	11 - 11.5	14 - 14.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	6 U	6 U	6 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	6 U	6 U	6 U
1,1,2-TRICHLOROETHANE	6 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHANE	6 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHENE	6 U	6 U	6 U	6 U	6 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE	6 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHANE	6 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	6 U	6 U	6 U
1,2-DICHLOROPROPANE	6 U	6 U	6 U	6 U	6 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE	6 U	6 U	6 U	6 U	6 U
1,4-DICHLOROBENZENE	6 U	6 U	6 U	6 U	6 U
2-BUTANONE	12 U	11 U	12 U	13 UJ	11 UJ
2-CHLOROETHYLVINYLETHER	12 U	11 U	12 U	13 U	11 U
2-HEXANONE	12 U	11 U	12 U	13 U	11 U
4-METHYL-2-PENTANONE	12 U	11 U	12 U	13 U	11 U
ACETONE	12 UJ	23 UJ	14 UJ	21 UJ	32 UJ
BENZENE	6 U	6 U	6 U	6 U	6 U
BROMODICHLOROMETHANE	6 U	6 U	6 U	6 U	6 U
BROMOFORM	6 U	6 U	6 U	6 U	6 U
BROMOMETHANE	12 U	11 U	12 U	13 U	11 U
CARBON DISULFIDE	6 U	6 U	6 U	6 U	6 U
CARBON TETRACHLORIDE	6 U	6 U	6 U	6 U	6 U
CHLOROBENZENE	6 U	6 U	6 U	6 U	6 U
CHLOROETHANE	12 U	11 U	12 U	13 U	11 U
CHLOROFORM	6 U	6 U	6 U	6 U	6 U
CHLOROMETHANE	12 U	11 U	12 U	13 U	11 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	6 U	6 U
DIBROMOCHLOROMETHANE	6 U	6 U	6 U	6 U	6 U
ETHYLBENZENE	6 U	6 U	6 U	6 U	6 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	14 UJ	15 UJ	15 UJ	11 UJ	8 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	6 U	6 U	6 U	6 U
TETRACHLOROETHENE	6 U	6 U	6 U	6 U	6 U
TOLUENE	36	25	1 J	4 J	7
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	6 U	6 U
TRICHLOROETHENE	6 U	6 U	6 U	6 U	6 U
TRICHLOROFLUOROMETHANE	6 U	6 U	6 U	6 U	6 U
VINYL ACETATE	12 U	11 U	12 U	13 U	11 U
VINYL CHLORIDE	12 U	11 U	12 U	13 U	11 U
XYLENE (TOTAL)	6 U	6 U	6 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-9	BOR-9	BOR-9	BOR-9	BOR-10
Sample ID	BOR-9 [2.0-2.5]	BOR-9 [6.5-7.0]	BOR-9 [11.0-11.5]	BOR-9 [14.0-14.5]	BOR-10 [3.5-4.0]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/12/1990
Sampling Depth (feet bgs)	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5	3.5 - 4
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	6 U	720 U	750 U	790 U	
1,1,2,2-TETRACHLOROETHANE	6 U	720 U	750 U	790 U	5 U
1,1,2-TRICHLOROETHANE	6 U	720 U	750 U	790 U	5 U
1,1-DICHLOROETHANE	6 U	720 U	750 U	790 U	5 U
1,1-DICHLOROETHENE	6 U	720 U	750 U	790 U	5 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE					5 U
1,2-DICHLOROETHANE	6 U	720 U	750 U	790 U	5 U
1,2-DICHLOROETHENE (TOTAL)	6 U	720 U	750 U	790 U	5 U
1,2-DICHLOROPROPANE	6 U	720 U	750 U	790 U	5 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE					5 U
1,4-DICHLOROBENZENE					5 U
2-BUTANONE	12 U	1400 U	1500 U	1600 U	10 UJ
2-CHLOROETHYLVINYLETHER					10 U
2-HEXANONE	12 U	1400 U	1500 U	1600 U	10 U
4-METHYL-2-PENTANONE	6 U	720 U	750 U	790 U	10 U
ACETONE	12 U	1400 U	1500 U	1600 U	18 UJ
BENZENE	6 U	1000	960	790 U	5 U
BROMODICHLOROMETHANE	6 U	720 U	750 U	790 U	5 U
BROMOFORM	6 U	720 U	750 U	790 U	5 U
BROMOMETHANE	12 U	1400 U	1500 U	1600 U	10 U
CARBON DISULFIDE	6 U	720 U	750 U	790 U	5 U
CARBON TETRACHLORIDE	6 U	720 U	750 U	790 U	5 U
CHLOROBENZENE	6 U	720 U	750 U	790 U	5 U
CHLOROETHANE	12 U	1400 U	1500 U	1600 U	10 U
CHLOROFORM	6 U	720 U	750 U	790 U	5 U
CHLOROMETHANE	12 U	1400 U	1500 U	1600 U	10 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	6 U	720 U	750 U	790 U	5 U
DIBROMOCHLOROMETHANE	6 U	720 U	750 U	790 U	5 U
ETHYLBENZENE	6 U	720 U	1800	790 U	5 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	14 UJ	2800 UJ	2000 UJ	3300 UJ	10 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	720 U	750 U	790 U	5 U
TETRACHLOROETHENE	6 U	720 U	750 U	790 U	5 U
TOLUENE	17	1300	750 U	980	4 J
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	720 U	750 U	790 U	5 U
TRICHLOROETHENE	6 U	720 U	750 U	790 U	5 U
TRICHLOROFLUOROMETHANE					5 U
VINYL ACETATE	12 U	1400 U	1500 U	1600 U	10 U
VINYL CHLORIDE	12 U	1400 U	1500 U	1600 U	10 U
XYLENE (TOTAL)	6 U	720 U	4100	790 U	5 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-10	BOR-10	BOR-10	BOR-11	BOR-11
Sample ID	BOR-10 [7.0-7.5]	BOR-10 [11.0-11.5]	BOR-10 [14.0-14.5]	BOR-11 [2.5-3.0]	BOR-11 [6.5-7.0]
Sampling Date	7/12/1990	7/12/1990	7/12/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	7 - 7.5	11 - 11.5	14 - 14.5	2.5 - 3	6.5 - 7
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	6 U	9 U	6 U	5 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	9 U	6 U	5 U	6 U
1,1,2-TRICHLOROETHANE	6 U	9 U	6 U	5 U	6 U
1,1-DICHLOROETHANE	6 U	9 U	6 U	5 U	6 U
1,1-DICHLOROETHENE	6 U	9 U	6 U	5 U	6 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE	6 U	9 U	6 U	5 U	6 U
1,2-DICHLOROETHANE	6 U	9 U	6 U	5 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	9 U	6 U	5 U	6 U
1,2-DICHLOROPROPANE	6 U	9 U	6 U	5 U	6 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE	6 U	9 U	6 U	5 U	6 U
1,4-DICHLOROBENZENE	6 U	9 U	6 U	5 U	6 U
2-BUTANONE	12 UJ	20 UJ	12 UJ	10 UJ	12 U
2-CHLOROETHYLVINYLETHER	12 U	18 U	12 U	10 U	12 U
2-HEXANONE	12 U	18 U	12 U	10 U	12 U
4-METHYL-2-PENTANONE	12 U	18 U	12 U	10 U	12 U
ACETONE	38 UJ	71 UJ	18 UJ	18 UJ	12 UJ
BENZENE	6 U	9 U	6 U	5 U	6 U
BROMODICHLOROMETHANE	6 U	9 U	6 U	5 U	6 U
BROMOFORM	6 U	9 U	6 U	5 U	6 U
BROMOMETHANE	12 U	18 U	12 U	10 U	12 U
CARBON DISULFIDE	6 U	14 UJ	6 U	5 U	6 U
CARBON TETRACHLORIDE	6 U	9 U	6 U	5 U	6 U
CHLOROBENZENE	6 U	9 U	6 U	5 U	6 U
CHLOROETHANE	12 U	18 U	12 U	10 U	12 U
CHLOROFORM	6 U	9 U	6 U	5 U	6 U
CHLOROMETHANE	12 U	18 U	12 U	10 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	6 U	9 U	6 U	5 U	6 U
DIBROMOCHLOROMETHANE	6 U	9 U	6 U	5 U	6 U
ETHYLBENZENE	6 U	9 U	6 U	5 U	6 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	11 UJ	19 UJ	10 UJ	10 UJ	31 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	9 U	6 U	5 U	6 U
TETRACHLOROETHENE	6 U	9 U	6 U	5 U	6 U
TOLUENE	16	110	3 J	38	4 J
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	9 U	6 U	5 U	6 U
TRICHLOROETHENE	6 U	9 U	6 U	5 U	6 U
TRICHLOROFLUOROMETHANE	6 U	9 U	6 U	5 U	6 U
VINYL ACETATE	12 U	18 U	12 U	10 U	12 U
VINYL CHLORIDE	12 U	18 U	12 U	10 U	12 U
XYLENE (TOTAL)	6 U	9 U	6 U	5 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-11	BOR-11	BOR-13	BOR-13	BOR-13
Sample ID	BOR-11 [11.0-11.5]	BOR-11 [14.0-14.5]	BOR-13 [2.0-2.5]	BOR-13 [6.5-7.0]	BOR-13 [11.0-11.5]
Sampling Date	7/18/1990	7/18/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	2 - 2.5	6.5 - 7	11 - 11.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	9 U	6 U	5.2 U	6.1 U	5.2 U
1,1,2,2-TETRACHLOROETHANE	9 U	6 U	5.2 U	6.1 U	5.2 U
1,1,2-TRICHLOROETHANE	9 U	6 U	5.2 U	6.1 U	5.2 U
1,1-DICHLOROETHANE	9 U	6 U	5.2 U	6.1 U	5.2 U
1,1-DICHLOROETHENE	9 U	6 U	5.2 U	6.1 U	5.2 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE	9 U	6 U			
1,2-DICHLOROETHANE	9 U	6 U	5.2 U	6.1 U	5.2 U
1,2-DICHLOROETHENE (TOTAL)	9 U	6 U	5.2 U	6.1 U	5.2 U
1,2-DICHLOROPROPANE	9 U	6 U	5.2 U	6.1 U	5.2 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE	9 U	6 U			
1,4-DICHLOROBENZENE	9 U	6 U			
2-BUTANONE	19 UJ	12 U	10 U	12 U	10 U
2-CHLOROETHYLVINYLETHER	19 U	12 U			
2-HEXANONE	19 U	12 U	10 U	12 U	10 U
4-METHYL-2-PENTANONE	19 U	12 U	5.2 U	6.1 U	5.2 U
ACETONE	43 UJ	12 UJ	10 U	17 UJ	25 UJ
BENZENE	9 U	6 U	5.2 U	6.1 U	5.2 U
BROMODICHLOROMETHANE	9 U	6 U	5.2 U	6.1 U	5.2 U
BROMOFORM	9 U	6 U	5.2 U	6.1 U	5.2 U
BROMOMETHANE	19 U	12 U	10 U	12 U	10 U
CARBON DISULFIDE	10 UJ	6 U	5.2 U	6.1 U	5.2 U
CARBON TETRACHLORIDE	9 U	6 U	5.2 U	6.1 U	5.2 U
CHLOROBENZENE	9 U	6 U	5.2 U	6.1 U	5.2 U
CHLOROETHANE	19 U	12 U	10 U	12 U	10 U
CHLOROFORM	9 U	6 U	5.2 U	6.1 U	5.2 U
CHLOROMETHANE	19 U	12 U	10 U	12 U	10 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	9 U	6 U	5.2 U	6.1 U	5.2 U
DIBROMOCHLOROMETHANE	9 U	6 U	5.2 U	6.1 U	5.2 U
ETHYLBENZENE	9 U	6 U	5.2 U	6.1 U	5.2 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	49 UJ	17 UJ	15 UJ	17 UJ	27 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	9 U	6 U	5.2 U	6.1 U	5.2 U
TETRACHLOROETHENE	9 U	6 U	5.2 U	6.1 U	5.2 U
TOLUENE	100	10	21	26	37
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	9 U	6 U	5.2 U	6.1 U	5.2 U
TRICHLOROETHENE	9 U	6 U	5.2 U	6.1 U	5.2 U
TRICHLOROFLUOROMETHANE	9 U	6 U			
VINYL ACETATE	19 U	12 U	10 U	12 U	10 U
VINYL CHLORIDE	19 U	12 U	10 U	12 U	10 U
XYLENE (TOTAL)	9 U	6 U	5.2 U	6.1 U	5.2 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-13	BOR-14	BOR-14	BOR-14	BOR-15
Sample ID	BOR-13 [14.0-14.5]	BOR-14 [6.0-6.5]	BOR-14 [8.0-8.5]	BOR-14 [13.0-13.5]	BOR-15 [2.0-2.5]
Sampling Date	7/3/1990	5/23/1990	5/23/1990	5/23/1990	7/18/1990
Sampling Depth (feet bgs)	14 - 14.5	6 - 6.5	8 - 8.5	13 - 13.5	2 - 2.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	6 U	6 U	6 U	6.2 U	630 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	6 U	6.2 U	1300 U
1,1,2-TRICHLOROETHANE	6 U	6 U	6 U	6.2 U	630 U
1,1-DICHLOROETHANE	6 U	6 U	6 U	6.2 U	630 U
1,1-DICHLOROETHENE	6 U	6 U	6 U	6.2 U	630 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE					630 U
1,2-DICHLOROETHANE	6 U	6 U	6 U	6.2 U	630 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	6 U	6.2 U	630 U
1,2-DICHLOROPROPANE	6 U	6 U	6 U	6.2 U	630 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE					630 U
1,4-DICHLOROBENZENE					630 U
2-BUTANONE	12 U	12 U	12 U	12 U	1300 U
2-CHLOROETHYLVINYLETHER					1300 U
2-HEXANONE	12 U	12 U	12 U	12 U	1300 U
4-METHYL-2-PENTANONE	6 U	6 U	6 U	6.2 U	1300 U
ACETONE	12 U	12 U	12 U	12 U	1300 U
BENZENE	6 U	6 U	6 U	6.2 U	630 U
BROMODICHLOROMETHANE	6 U	6 U	6 U	6.2 U	630 U
BROMOFORM	6 U	6 U	6 U	6.2 U	630 U
BROMOMETHANE	12 U	12 U	12 U	12 U	1300 U
CARBON DISULFIDE	6 U	6 U	6 U	6.2 U	630 U
CARBON TETRACHLORIDE	6 U	6 U	6 U	6.2 U	630 U
CHLOROBENZENE	6 U	6 U	6 U	6.2 U	630 U
CHLOROETHANE	12 U	12 U	12 U	12 U	1300 U
CHLOROFORM	6 U	6 U	6 U	6.2 U	630 U
CHLOROMETHANE	12 U	12 U	12 U	12 U	1300 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	6.2 U	630 U
DIBROMOCHLOROMETHANE	6 U	6 U	6 U	6.2 U	630 U
ETHYLBENZENE	6 U	6 U	6 U	6.2 U	630 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	29 UJ	18 UJ	13 UJ	14 UJ	1300 U
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	6 U	6 U	6.2 U	630 U
TETRACHLOROETHENE	6 U	6 U	6 U	6.2 U	630 U
TOLUENE	29	6 U	6 U	6.2 U	1600
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	6.2 U	630 U
TRICHLOROETHENE	6 U	6 U	6 U	6.2 U	630 U
TRICHLOROFLUOROMETHANE					630 U
VINYL ACETATE	12 U	12 U	12 U	12 U	1300 U
VINYL CHLORIDE	12 U	12 U	12 U	12 U	1300 U
XYLENE (TOTAL)	6 U	6 U	6 U	6.2 U	630 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-15	BOR-15	BOR-15	BOR-16	BOR-16
Sample ID	BOR-15 [6.5-7.0]	BOR-15 [11.0-11.5]	BOR-15 [14.0-14.5]	BOR-16 [2.0-2.5]	BOR-16 [6.5-7.0]
Sampling Date	7/18/1990	7/18/1990	7/18/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	6.5 - 7	11 - 11.5	14 - 14.5	2 - 2.5	6.5 - 7
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	6 U	6 U	6 U	5 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	6 U	5 U	6 U
1,1,2-TRICHLOROETHANE	6 U	6 U	6 U	5 U	6 U
1,1-DICHLOROETHANE	6 U	6 U	6 U	5 U	6 U
1,1-DICHLOROETHENE	6 U	6 U	6 U	5 U	6 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE	6 U	6 U	6 U		
1,2-DICHLOROETHANE	6 U	6 U	6 U	5 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	6 U	5 U	6 U
1,2-DICHLOROPROPANE	6 U	6 U	6 U	5 U	6 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE	6 U	6 U	6 U		
1,4-DICHLOROBENZENE	6 U	6 U	6 U		
2-BUTANONE	12 U	13 UJ	12 UJ	10 U	12 U
2-CHLOROETHYLVINYLETHER	12 U	13 U	12 U		
2-HEXANONE	12 U	13 U	12 U	10 U	12 U
4-METHYL-2-PENTANONE	12 U	13 U	12 U	5 U	6 U
ACETONE	26 UJ	39 UJ	28 UJ	10 U	18 UJ
BENZENE	6 U	2 J	6 U	5 U	6 U
BROMODICHLOROMETHANE	6 U	6 U	6 U	5 U	6 U
BROMOFORM	6 U	6 U	6 U	5 U	6 U
BROMOMETHANE	12 U	13 U	12 U	10 U	12 U
CARBON DISULFIDE	6 U	6 U	6 U	5 U	6 U
CARBON TETRACHLORIDE	6 U	6 U	6 U	5 U	6 U
CHLOROBENZENE	6 U	6 U	6 U	5 U	6 U
CHLOROETHANE	12 U	13 U	12 U	10 U	12 U
CHLOROFORM	6 U	6 U	6 U	5 U	6 U
CHLOROMETHANE	12 U	13 U	12 U	10 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	5 U	6 U
DIBROMOCHLOROMETHANE	6 U	6 U	6 U	5 U	6 U
ETHYLBENZENE	6 U	10	6 U	5 U	6 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	40 UJ	31 UJ	26 UJ	12 UJ	16 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	6 U	6 U	5 U	6 U
TETRACHLOROETHENE	6 U	6 U	6 U	5 U	6 U
TOLUENE	13	14	5 J	57	15
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	5 U	6 U
TRICHLOROETHENE	6 U	6 U	6 U	5 U	6 U
TRICHLOROFLUOROMETHANE	6 U	6 U	6 U		
VINYL ACETATE	12 U	13 U	12 U	10 U	12 U
VINYL CHLORIDE	12 U	13 U	12 U	10 U	12 U
XYLENE (TOTAL)	6 U	27	6 U	5 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-16	BOR-16	BOR-17	BOR-17	BOR-17
Sample ID	BOR-16 [11.0-11.5]	BOR-16 [14.0-14.5]	BOR-17 [2.5-3.0]	BOR-17 [7.0-7.5]	BOR-17 [10.0-10.5]
Sampling Date	7/23/1990	7/23/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	2.5 - 3	7 - 7.5	10 - 10.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	6 U	6 U	11 U	6 U	2900 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	11 U	6 U	5900 U
1,1,2-TRICHLOROETHANE	6 U	6 U	11 U	6 U	2900 U
1,1-DICHLOROETHANE	6 U	6 U	11 U	6 U	2900 U
1,1-DICHLOROETHENE	6 U	6 U	11 U	6 U	2900 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE			11 U	6 U	2900 U
1,2-DICHLOROETHANE	6 U	6 U	11 U	6 U	2900 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	11 U	6 U	2900 U
1,2-DICHLOROPROPANE	6 U	6 U	11 U	6 U	2900 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE			11 U	6 U	2900 U
1,4-DICHLOROBENZENE			11 U	6 U	2900 U
2-BUTANONE	12 U	12 U	22 U	12 UJ	5900 U
2-CHLOROETHYLVINYLETHER			22 U	12 U	5900 U
2-HEXANONE	12 U	12 U	22 U	12 U	5900 U
4-METHYL-2-PENTANONE	6 U	6 U	22 U	12 U	5900 U
ACETONE	12 U	12 U	22 U	50 UJ	5900 U
BENZENE	6 U	6 U	11 U	6 U	2900 U
BROMODICHLOROMETHANE	6 U	6 U	11 U	6 U	2900 U
BROMOFORM	6 U	6 U	11 U	6 U	2900 U
BROMOMETHANE	12 U	12 U	22 U	12 U	5900 U
CARBON DISULFIDE	6 U	6 U	11 U	6 U	2900 U
CARBON TETRACHLORIDE	6 U	6 U	11 U	6 U	2900 U
CHLOROBENZENE	6 U	6 U	11 U	6 U	2900 U
CHLOROETHANE	12 U	12 U	22 U	12 U	5900 U
CHLOROFORM	6 U	6 U	11 U	6 U	2900 U
CHLOROMETHANE	12 U	12 U	22 U	12 U	5900 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	6 U	6 U	11 U	6 U	2900 U
DIBROMOCHLOROMETHANE	6 U	6 U	11 U	6 U	2900 U
ETHYLBENZENE	6 U	6 U	11 U	6 U	1400 J
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	11 UJ	14 UJ	11 U	20 UJ	5900 U
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	6 U	11 U	6 U	2900 U
TETRACHLOROETHENE	6 U	6 U	11 U	6 U	2900 U
TOLUENE	27	12	320 BD	15	2900 U
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	11 U	6 U	2900 U
TRICHLOROETHENE	6 U	6 U	11 U	6 U	2900 U
TRICHLOROFLUOROMETHANE			11 U	6 U	2900 U
VINYL ACETATE	12 U	12 U	22 U	12 U	5900 U
VINYL CHLORIDE	12 U	12 U	22 U	12 U	5900 U
XYLENE (TOTAL)	6 U	6 U	11 U	6 U	2900 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-17	BOR-18	BOR-18	BOR-18	BOR-18
Sample ID	BOR-17 [11.5-12.0]	BOR-18 [3.5-4.0]	BOR-18 [7.0-7.5]	BOR-18 [11.0-11.5]	BOR-18 [14.0-14.5]
Sampling Date	7/17/1990	7/23/1990	7/23/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	11.5 - 12	3.5 - 4	7 - 7.5	11 - 11.5	14 - 14.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	6 U	7 U	7 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	7 U	7 U	6 U	6 U
1,1,2-TRICHLOROETHANE	6 U	7 U	7 U	6 U	6 U
1,1-DICHLOROETHANE	6 U	7 U	7 U	6 U	6 U
1,1-DICHLOROETHENE	6 U	7 U	7 U	6 U	6 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE	6 U				
1,2-DICHLOROETHANE	6 U	7 U	7 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	7 U	7 U	6 U	6 U
1,2-DICHLOROPROPANE	6 U	7 U	7 U	6 U	6 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE	6 U				
1,4-DICHLOROBENZENE	6 U				
2-BUTANONE	12 UJ	13 U	13 U	12 U	12 U
2-CHLOROETHYLVINYLETHER	12 U				
2-HEXANONE	12 U	13 U	13 U	12 U	12 U
4-METHYL-2-PENTANONE	12 U	7 U	7 U	6 U	6 U
ACETONE	70 UJ	25 UJ	13 U	12 U	12 UJ
BENZENE	10	7 U	7 U	6 U	6 U
BROMODICHLOROMETHANE	6 U	7 U	7 U	6 U	6 U
BROMOFORM	6 U	7 U	7 U	6 U	6 U
BROMOMETHANE	12 U	13 U	13 U	12 U	12 U
CARBON DISULFIDE	6 U	7 U	7 U	6 U	6 U
CARBON TETRACHLORIDE	6 U	7 U	7 U	6 U	6 U
CHLOROBENZENE	6 U	7 U	7 U	6 U	6 U
CHLOROETHANE	12 U	13 U	13 U	12 U	12 U
CHLOROFORM	6 U	7 U	7 U	6 U	6 U
CHLOROMETHANE	12 U	13 U	13 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	6 U	7 U	7 U	6 U	6 U
DIBROMOCHLOROMETHANE	6 U	7 U	7 U	6 U	6 U
ETHYLBENZENE	5 J	7 U	7 U	6 U	6 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	15 UJ	16 UJ	16 UJ	11 UJ	15 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	7 U	7 U	6 U	6 U
TETRACHLOROETHENE	6 U	7 U	7 U	6 U	6 U
TOLUENE	13	62	36	26	38
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	7 U	7 U	6 U	6 U
TRICHLOROETHENE	6 U	7 U	7 U	6 U	6 U
TRICHLOROFLUOROMETHANE	6 U				
VINYL ACETATE	12 U	13 U		12 U	12 U
VINYL CHLORIDE	12 U	13 U	13 U	12 U	12 U
XYLENE (TOTAL)	6 U	7 U	7 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-19	BOR-19	BOR-19	BOR-19	BOR-21
Sample ID	BOR-19 [2.5-3.0]	BOR-19 [7.0-7.5]	BOR-19 [11.0-11.5]	BOR-19 [14.0-14.5]	BOR-21 [2.5-3.0]
Sampling Date	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	2.5 - 3	7 - 7.5	11 - 11.5	14 - 14.5	2.5 - 3
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	5 U	6 U	740 U	6 U	5 U
1,1,2,2-TETRACHLOROETHANE	5 U	6 U	1500 U	6 U	5 U
1,1,2-TRICHLOROETHANE	5 U	6 U	740 U	6 U	5 U
1,1-DICHLOROETHANE	5 U	6 U	740 U	6 U	5 U
1,1-DICHLOROETHENE	5 U	6 U	740 U	6 U	5 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE	5 U	6 U	740 U	6 U	5 U
1,2-DICHLOROETHANE	5 U	6 U	740 U	6 U	5 U
1,2-DICHLOROETHENE (TOTAL)	5 U	6 U	740 U	6 U	5 U
1,2-DICHLOROPROPANE	5 U	6 U	740 U	6 U	5 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE	5 U	6 U	740 U	6 U	5 U
1,4-DICHLOROBENZENE	5 U	6 U	740 U	6 U	5 U
2-BUTANONE	11 U	12 UJ	1500 U	12 U	11 U
2-CHLOROETHYLVINYLETHER	11 U	12 U	1500 U	12 U	11 U
2-HEXANONE	11 U	12 U	1500 U	12 U	11 U
4-METHYL-2-PENTANONE	11 U	12 U	1500 U	12 U	11 U
ACETONE	29 UJ	79 UJ	1500 U	45 UJ	53 UJ
BENZENE	5 U	6 U	360 J	6 U	5 U
BROMODICHLOROMETHANE	5 U	6 U	740 U	6 U	5 U
BROMOFORM	5 U	6 U	740 U	6 U	5 U
BROMOMETHANE	11 U	12 U	1500 U	12 U	11 U
CARBON DISULFIDE	5 U	6 U	740 U	6 U	5 U
CARBON TETRACHLORIDE	5 U	6 U	740 U	6 U	5 U
CHLOROBENZENE	5 U	6 U	740 U	6 U	5 U
CHLOROETHANE	11 U	12 U	1500 U	12 U	11 U
CHLOROFORM	5 U	6 U	740 U	6 U	5 U
CHLOROMETHANE	11 U	12 U	1500 U	12 U	11 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	5 U	6 U	740 U	6 U	5 U
DIBROMOCHLOROMETHANE	5 U	6 U	740 U	6 U	5 U
ETHYLBENZENE	5 U	6 U	1500	6 U	5 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	12 UJ	25 UJ	1500 U	8 UJ	5 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	5 U	6 U	740 U	6 U	5 U
TETRACHLOROETHENE	5 U	6 U	740 U	6 U	5 U
TOLUENE	5 U	40	290 J	6	18
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5 U	6 U	740 U	6 U	5 U
TRICHLOROETHENE	5 U	6 U	740 U	6 U	5 U
TRICHLOROFLUOROMETHANE	5 U	6 U	740 U	6 U	5 U
VINYL ACETATE	11 U	12 U	1500 U	12 U	11 U
VINYL CHLORIDE	11 U	12 U	1500 U	12 U	11 U
XYLENE (TOTAL)	5 U	6 U	740 U	6 U	5 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-21	BOR-21	BOR-21	BOR-24	BOR-24
Sample ID	BOR-21 [7.0-7.5]	BOR-21 [11.5-12.0]	BOR-21 [14.0-14.5]	BOR-24 [2.5-3.0]	BOR-24 [7.0-7.5]
Sampling Date	7/19/1990	7/19/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	7 - 7.5	11.5 - 12	14 - 14.5	2.5 - 3	7 - 7.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	6 U	750 U	6 U	5 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	1500 U	6 U	5 U	6 U
1,1,2-TRICHLOROETHANE	6 U	750 U	6 U	5 U	6 U
1,1-DICHLOROETHANE	6 U	750 U	6 U	5 U	6 U
1,1-DICHLOROETHENE	6 U	750 U	6 U	5 U	6 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE	6 U	750 U	6 U	5 U	6 U
1,2-DICHLOROETHANE	6 U	750 U	6 U	5 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	750 U	6 U	5 U	6 U
1,2-DICHLOROPROPANE	6 U	750 U	6 U	5 U	6 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE	6 U	750 U	6 U	5 U	6 U
1,4-DICHLOROBENZENE	6 U	750 U	6 U	5 U	6 U
2-BUTANONE	12 UJ	1500 U	12 U	11 U	12 U
2-CHLOROETHYLVINYLETHER	12 U	1500 U	12 U	11 U	12 U
2-HEXANONE	12 U	1500 U	12 U	11 U	12 U
4-METHYL-2-PENTANONE	12 U	1500 U	12 U	11 U	12 U
ACETONE	35 UJ	1500 U	19 UJ	11 UJ	33 UJ
BENZENE	6 U	750 U	6 U	5 U	6 U
BROMODICHLOROMETHANE	6 U	750 U	6 U	5 U	6 U
BROMOFORM	6 U	750 U	6 U	5 U	6 U
BROMOMETHANE	12 U	1500 U	12 U	11 U	12 U
CARBON DISULFIDE	6 U	750 U	6 U	5 U	6 U
CARBON TETRACHLORIDE	6 U	750 U	6 U	5 U	6 U
CHLOROBENZENE	6 U	750 U	6 U	5 U	6 U
CHLOROETHANE	12 U	1500 U	12 U	11 U	12 U
CHLOROFORM	6 U	750 U	6 U	5 U	6 U
CHLOROMETHANE	12 U	1500 U	12 U	11 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	6 U	750 U	6 U	5 U	6 U
DIBROMOCHLOROMETHANE	6 U	750 U	6 U	5 U	6 U
ETHYLBENZENE	6 U	750 U	5 J	5 U	6 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	12 UJ	1500 U	18 UJ	14 UJ	6 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	750 U	6 U	5 U	6 U
TETRACHLOROETHENE	6 U	750 U	6 U	5 U	6 U
TOLUENE	1 JB	750 U	2 J	5 U	2 J
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	750 U	6 U	5 U	6 U
TRICHLOROETHENE	6 U	750 U	6 U	5 U	6 U
TRICHLOROFLUOROMETHANE	6 U	750 U	6 U	5 U	6 U
VINYL ACETATE	12 U	1500 U	12 U	11 U	12 U
VINYL CHLORIDE	12 U	1500 U	12 U	11 U	12 U
XYLENE (TOTAL)	6 U	750 U	6 U	5 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-24	BOR-24	MWOR-1	MWOR-1	MWOR-1
Sample ID	BOR-24 [11.0-11.5]	BOR-24 [14.0-14.5]	MWOR-1 [2.5-3.0]	MWOR-1 [7.0-7.5]	MWOR-1 [11.5-12.0]
Sampling Date	7/18/1990	7/18/1990	7/16/1990	7/16/1990	7/16/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	2.5 - 3	7 - 7.5	11.5 - 12
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	6 U	6 U	14 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	14 U	6 U	6 U
1,1,2-TRICHLOROETHANE	6 U	6 U	14 U	6 U	6 U
1,1-DICHLOROETHANE	6 U	6 U	14 U	6 U	6 U
1,1-DICHLOROETHENE	6 U	6 U	14 U	6 U	6 U
1,2,4-TRIMETHYLBENZENE					
1,2-DICHLOROBENZENE	6 U	6 U	14 U	6 U	6 U
1,2-DICHLOROETHANE	6 U	6 U	14 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	14 U	6 U	6 U
1,2-DICHLOROPROPANE	6 U	6 U	14 U	6 U	6 U
1,3,5-TRIMETHYLBENZENE					
1,3-DICHLOROBENZENE	6 U	6 U	14 U	6 U	6 U
1,4-DICHLOROBENZENE	6 U	6 U	14 U	6 U	6 U
2-BUTANONE	12 U	12 U	27 U	11 U	12 U
2-CHLOROETHYLVINYLETHER	12 U	12 U	27 U	11 U	12 U
2-HEXANONE	12 U	12 U	27 U	11 U	12 U
4-METHYL-2-PENTANONE	12 U	12 U	27 U	11 U	12 U
ACETONE	36 UJ	12 UJ	27 U	16 UJ	12 UJ
BENZENE	6 U	6 U	14 U	6 U	6 U
BROMODICHLOROMETHANE	6 U	6 U	14 U	6 U	6 U
BROMOFORM	6 U	6 U	14 U	6 U	6 U
BROMOMETHANE	12 U	12 U	27 U	11 U	12 U
CARBON DISULFIDE	6 U	6 U	14 U	6 U	6 U
CARBON TETRACHLORIDE	6 U	6 U	14 U	6 U	6 U
CHLOROBENZENE	6 U	6 U	14 U	6 U	6 U
CHLOROETHANE	12 U	12 U	27 U	11 U	12 U
CHLOROFORM	6 U	6 U	14 U	6 U	6 U
CHLOROMETHANE	12 U	12 U	27 U	11 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE	6 U	6 U	14 U	6 U	6 U
DIBROMOCHLOROMETHANE	6 U	6 U	14 U	6 U	6 U
ETHYLBENZENE	6 U	6 U	14 U	6 U	6 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	7 UJ	17 UJ	14 U	14 UJ	14 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	6 U	14 U	6 U	6 U
TETRACHLOROETHENE	6 U	6 U	14 U	6 U	6 U
TOLUENE	6 U	3 J	450	13	10
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	14 U	6 U	6 U
TRICHLOROETHENE	6 U	6 U	14 U	6 U	6 U
TRICHLOROFLUOROMETHANE	6 U	6 U	14 U	6 U	6 U
VINYL ACETATE	12 U	12 U	27 U	11 U	12 U
VINYL CHLORIDE	12 U	12 U	27 U	11 U	12 U
XYLENE (TOTAL)	6 U	6 U	14 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-2	MWOR-2	MWOR-2
Sample ID	MWOR-1 [14.5-15.0]	MWOR-2 [2.5-3.0]	MWOR-2 [7.0-7.5]	MWOR-2 [10.0-10.5]
Sampling Date	7/16/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	14.5 - 15	2.5 - 3	7 - 7.5	10 - 10.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
1,1,1-TRICHLOROETHANE	6 U	5 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	5 U	6 U	6 U
1,1,2-TRICHLOROETHANE	6 U	5 U	6 U	6 U
1,1-DICHLOROETHANE	6 U	5 U	6 U	6 U
1,1-DICHLOROETHENE	6 U	5 U	6 U	6 U
1,2,4-TRIMETHYLBENZENE				
1,2-DICHLOROBENZENE	6 U	5 U	6 U	6 U
1,2-DICHLOROETHANE	6 U	5 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	5 U	6 U	6 U
1,2-DICHLOROPROPANE	6 U	5 U	6 U	6 U
1,3,5-TRIMETHYLBENZENE				
1,3-DICHLOROBENZENE	6 U	5 U	6 U	6 U
1,4-DICHLOROBENZENE	6 U	5 U	6 U	6 U
2-BUTANONE	11 UJ	11 U	13 U	12 U
2-CHLOROETHYLVINYLETHER	11 U	11 U	13 U	12 U
2-HEXANONE	11 U	11 U	13 U	12 U
4-METHYL-2-PENTANONE	11 U	11 U	13 U	12 U
ACETONE	13 UJ	11 UJ	16 UJ	16 UJ
BENZENE	6 U	5 U	6 U	6 U
BROMODICHLOROMETHANE	6 U	5 U	6 U	6 U
BROMOFORM	6 U	5 U	6 U	6 U
BROMOMETHANE	11 U	11 U	13 U	12 U
CARBON DISULFIDE	6 U	5 U	6 U	6 U
CARBON TETRACHLORIDE	6 U	5 U	6 U	6 U
CHLOROBENZENE	6 U	5 U	6 U	6 U
CHLOROETHANE	11 U	11 U	13 U	12 U
CHLOROFORM	6 U	5 U	6 U	6 U
CHLOROMETHANE	11 U	11 U	13 U	12 U
CIS-1,2-DICHLOROETHENE				
CIS-1,2-DICHLOROPROPENE				
CIS-1,3-DICHLOROPROPENE	6 U	5 U	6 U	6 U
DIBROMOCHLOROMETHANE	6 U	5 U	6 U	6 U
ETHYLBENZENE	6 U	5 U	6 U	6 U
ETHYLENE DIBROMIDE				
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	11 UJ	6 UJ	23 UJ	22 UJ
METHYL-T-BUTYL ETHER				
O-XYLENE				
STYRENE	6 U	5 U	6 U	6 U
TETRACHLOROETHENE	6 U	5 U	6 U	6 U
TOLUENE	12	5 U	8	5 J
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6 U	5 U	6 U	6 U
TRICHLOROETHENE	6 U	5 U	6 U	6 U
TRICHLOROFLUOROMETHANE	6 U	5 U	6 U	6 U
VINYL ACETATE	11 U	11 U	13 U	12 U
VINYL CHLORIDE	11 U	11 U	13 U	12 U
XYLENE (TOTAL)	6 U	5 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-3	MWOR-3	MWOR-3
Sample ID	MWOR-2 [12.0-12.5]	MWOR-3 [2.5-3.0]	MWOR-3 [7.0-7.5]	MWOR-3 [10.0-10.5]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	12 - 12.5	2.5 - 3	7 - 7.5	10 - 10.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
1,1,1-TRICHLOROETHANE	6 U	5 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	5 U	6 U	6 U
1,1,2-TRICHLOROETHANE	6 U	5 U	6 U	6 U
1,1-DICHLOROETHANE	6 U	5 U	6 U	6 U
1,1-DICHLOROETHENE	6 U	5 U	6 U	6 U
1,2,4-TRIMETHYLBENZENE				
1,2-DICHLOROBENZENE	6 U	5 U	6 U	6 U
1,2-DICHLOROETHANE	6 U	5 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	5 U	6 U	6 U
1,2-DICHLOROPROPANE	6 U	5 U	6 U	6 U
1,3,5-TRIMETHYLBENZENE				
1,3-DICHLOROBENZENE	6 U	5 U	6 U	6 U
1,4-DICHLOROBENZENE	6 U	5 U	6 U	6 U
2-BUTANONE	13 UJ	10 U	12 UJ	12 U
2-CHLOROETHYLVINYLETHER	13 U	10 U	12 U	12 U
2-HEXANONE	13 U	10 U	12 U	12 U
4-METHYL-2-PENTANONE	13 U	10 U	12 U	12 U
ACETONE	26 UJ	10 UJ	28 UJ	24 UJ
BENZENE	6 U	5 U	6 U	6 U
BROMODICHLOROMETHANE	6 U	5 U	6 U	6 U
BROMOFORM	6 U	5 U	6 U	6 U
BROMOMETHANE	13 U	10 U	12 U	12 U
CARBON DISULFIDE	6 UJ	5 U	6 U	6 U
CARBON TETRACHLORIDE	6 U	5 U	6 U	6 U
CHLOROBENZENE	6 U	5 U	6 U	6 U
CHLOROETHANE	13 U	10 U	12 U	12 U
CHLOROFORM	6 U	5 U	6 U	6 U
CHLOROMETHANE	13 U	10 U	12 U	12 U
CIS-1,2-DICHLOROETHENE				
CIS-1,2-DICHLOROPROPENE				
CIS-1,3-DICHLOROPROPENE	6 U	5 U	6 U	6 U
DIBROMOCHLOROMETHANE	6 U	5 U	6 U	6 U
ETHYLBENZENE	6 U	5 U	6 U	6 U
ETHYLENE DIBROMIDE				
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	21 UJ	5 UJ	14 UJ	15 UJ
METHYL-T-BUTYL ETHER				
O-XYLENE				
STYRENE	6 U	5 U	6 U	6 U
TETRACHLOROETHENE	6 U	5 U	6 U	6 U
TOLUENE	2 J	46	32	8
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6 U	5 U	6 U	6 U
TRICHLOROETHENE	6 U	5 U	6 U	6 U
TRICHLOROFLUOROMETHANE	6 U	5 U	6 U	6 U
VINYL ACETATE	13 U	10 U	12 U	12 U
VINYL CHLORIDE	13 U	10 U	12 U	12 U
XYLENE (TOTAL)	6 U	5 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-3	MWOR-4	MWOR-4	MWOR-4
Sample ID	MWOR-3 [11.5-12.0]	MWOR-4 [2.5-3.0]	MWOR-4 [6.5-7.0]	MWOR-4 [10.0-10.5]
Sampling Date	7/17/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	11.5 - 12	2.5 - 3	6.5 - 7	10 - 10.5
Units	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
1,1,1-TRICHLOROETHANE	6 U	5 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	5 U	6 U	6 U
1,1,2-TRICHLOROETHANE	6 U	5 U	6 U	6 U
1,1-DICHLOROETHANE	6 U	5 U	6 U	6 U
1,1-DICHLOROETHENE	6 U	5 U	6 U	6 U
1,2,4-TRIMETHYLBENZENE				
1,2-DICHLOROBENZENE	6 U	5 U	6 U	6 U
1,2-DICHLOROETHANE	6 U	5 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	5 U	6 U	6 U
1,2-DICHLOROPROPANE	6 U	5 U	6 U	6 U
1,3,5-TRIMETHYLBENZENE				
1,3-DICHLOROBENZENE	6 U	5 U	6 U	6 U
1,4-DICHLOROBENZENE	6 U	5 U	6 U	6 U
2-BUTANONE	12 U	11 U	12 U	12 U
2-CHLOROETHYLVINYLETHER	12 U	11 U	12 U	12 U
2-HEXANONE	12 U	11 U	12 U	12 U
4-METHYL-2-PENTANONE	12 U	11 U	12 U	12 U
ACETONE	42 UJ	22 UJ	48 UJ	30 UJ
BENZENE	6 U	5 U	6 U	6 U
BROMODICHLOROMETHANE	6 U	5 U	6 U	6 U
BROMOFORM	6 U	5 U	6 U	6 U
BROMOMETHANE	12 U	11 U	12 U	12 U
CARBON DISULFIDE	6 U	5 U	6 U	6 U
CARBON TETRACHLORIDE	6 U	5 U	6 U	6 U
CHLOROBENZENE	6 U	5 U	6 U	6 U
CHLOROETHANE	12 U	11 U	12 U	12 U
CHLOROFORM	6 U	5 U	6 U	6 U
CHLOROMETHANE	12 U	11 U	12 U	12 U
CIS-1,2-DICHLOROETHENE				
CIS-1,2-DICHLOROPROPENE				
CIS-1,3-DICHLOROPROPENE	6 U	5 U	6 U	6 U
DIBROMOCHLOROMETHANE	6 U	5 U	6 U	6 U
ETHYLBENZENE	6 U	5 U	6 U	6 U
ETHYLENE DIBROMIDE				
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	13 UJ	7 UJ	34 UJ	11 UJ
METHYL-T-BUTYL ETHER				
O-XYLENE				
STYRENE	6 U	5 U	6 U	6 U
TETRACHLOROETHENE	6 U	5 U	6 U	6 U
TOLUENE	12	43	6 U	2 J
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6 U	5 U	6 U	6 U
TRICHLOROETHENE	6 U	5 U	6 U	6 U
TRICHLOROFLUOROMETHANE	6 U	5 U	6 U	6 U
VINYL ACETATE	12 U	11 U	12 U	12 U
VINYL CHLORIDE	12 U	11 U	12 U	12 U
XYLENE (TOTAL)	6 U	5 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-46: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-4
Sample ID	MWOR-4 [14.0-14.5]
Sampling Date	7/18/1990
Sampling Depth (feet bgs)	14 - 14.5
Units	UG/KG
Investigation	PH 1&2A 1991
Analyte	
1,1,1-TRICHLOROETHANE	6 U
1,1,2,2-TETRACHLOROETHANE	6 U
1,1,2-TRICHLOROETHANE	6 U
1,1-DICHLOROETHANE	6 U
1,1-DICHLOROETHENE	6 U
1,2,4-TRIMETHYLBENZENE	
1,2-DICHLOROBENZENE	6 U
1,2-DICHLOROETHANE	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U
1,2-DICHLOROPROPANE	6 U
1,3,5-TRIMETHYLBENZENE	
1,3-DICHLOROBENZENE	6 U
1,4-DICHLOROBENZENE	6 U
2-BUTANONE	12 U
2-CHLOROETHYLVINYLETHER	12 U
2-HEXANONE	12 U
4-METHYL-2-PENTANONE	12 U
ACETONE	21 UJ
BENZENE	6 U
BROMODICHLOROMETHANE	6 U
BROMOFORM	6 U
BROMOMETHANE	12 U
CARBON DISULFIDE	6 U
CARBON TETRACHLORIDE	6 U
CHLOROBENZENE	6 U
CHLOROETHANE	12 U
CHLOROFORM	6 U
CHLOROMETHANE	12 U
CIS-1,2-DICHLOROETHENE	
CIS-1,2-DICHLOROPROPENE	
CIS-1,3-DICHLOROPROPENE	6 U
DIBROMOCHLOROMETHANE	6 U
ETHYLBENZENE	6 U
ETHYLENE DIBROMIDE	
HEXANE	
M,P-XYLENE	
METHYLENE CHLORIDE	18 UJ
METHYL-T-BUTYL ETHER	
O-XYLENE	
STYRENE	6 U
TETRACHLOROETHENE	6 U
TOLUENE	6 U
TRANS-1,2-DICHLOROETHENE	
TRANS-1,3-DICHLOROPROPENE	6 U
TRICHLOROETHENE	6 U
TRICHLOROFLUOROMETHANE	6 U
VINYL ACETATE	12 U
VINYL CHLORIDE	12 U
XYLENE (TOTAL)	6 U

Notes:
UG/KG Micrograms per kilogram

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-28	B13-28	B13-28	B13-29	B13-29	B13-29	B13-30	B13-30	B13-30
Sample Code	280-S13-001	280-S13-002	280-S13-003	280-S13-004	280-S13-006	280-S13-007	280-S13-008	280-S13-009	280-S13-010
Sampling Date	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	5.5 - 6	1 - 1.5	2.5 - 3.5	5 - 5.5	1 - 2	2.5 - 3.5	5 - 5.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
ALUMINUM	3150 J	14900 J	9100 J	2900 J	5440 J	13200 J	493 J	4830 J	12100 J
ANTIMONY	0.88 UJ	0.78 UJ	0.78 UJ	0.73 UJ	0.75 UJ	0.81 UJ	0.76 UJ	0.76 UJ	0.79 UJ
ARSENIC	9	2.9	2.9	15.3	4.9	6.2	4.5	1.7 J	3.3
BARIUM	68.5	67.9	60	74.8	32.9 J	56.6	11.6 J	14.3 J	75.3
BERYLLIUM	0.44 J	1.2	1.2	0.49 J	0.53 J	1.5	0.23 U	0.51 J	1.4
CADMIUM	0.1 J	0.19 J	0.26 J	0.26 J	0.19 J	0.33 J	0.17 J	0.13 J	0.27 J
CALCIUM	2050	2650	1750	11800	2000	3830	1310	2520	2030
CHROMIUM	18.3	60.2	30	10.7	32.8	56.6	337	29	33.6
COBALT	3.6 J	8.1 J	9.9 J	14.4	7.1 J	6 J	7.1 J	3.2 J	8.8 J
COPPER	10.8	10.9	9.4	23.1	8.3	12.5	9.8	4.4 J	11
IRON	5960	15300	14900	6430	6200	21300	3380	5740	14700
LEAD	65.7	3	2.7	378	39.8	4.3	207	12.5	3.2
MAGNESIUM	814 J	3340	2700	979 J	1560	3520	157 J	1370	3280
MANGANESE	51.4	109	179	56.6	56.7	87.5	49.4	65.6	94.4
MERCURY	0.17 U	0.18 U	0.18 U	0.4	0.17 U	0.19 U	0.17 U	0.18 U	0.18 U
MOLYBDENUM	2.8 U	3 U	3 U	2.8 U	2.9 U	3.1 U	5.9 J	2.9 U	3 U
NICKEL	15.8 UJ	42.4	47.1	118	25.6	50.3	278	28.9	49.2
POTASSIUM	654 UJ	1110 J	969 J	360 UJ	943 J	1390	170 UJ	581 UJ	1360
SELENIUM	0.66 U	0.7 U	0.71 U	5.4	0.68 U	0.74 U	1 J	0.69 U	0.72 U
SILVER	0.31 U	0.33 U	0.33 U	0.31 U	0.32 U	0.35 U	0.32 U	0.32 U	0.34 U
SODIUM	122 J	315 J	255 J	232 J	130 J	376 J	492 J	571 J	473 J
THALLIUM	0.51 U	0.54 U	0.54 U	0.51 U	0.52 U	1.3 UJ	0.53 U	0.53 U	1.5 UJ
TITANIUM									
VANADIUM	18.1	38.7	27.3	44.6	22.4	52.3	22.9	21.8	32.4
ZINC	19.8	32.5	26.3	29.3	14.5	32.8	7.4	17.5	33.2

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-31	B13-31	B13-31	B13-32	B13-32	B13-32	B13-38	B13-38	B13-38
Sample Code	280-S13-011	280-S13-012	280-S13-013	280-S13-015	280-S13-016	280-S13-017	ALA13B38-1	ALA13B38-2	ALA13B38-3
Sampling Date	12/9/1994	12/9/1994	12/9/1994	8/12/1994	8/12/1994	8/12/1994	4/4/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	4.5 - 5.5	.5 - 1.5	2 - 3	4 - 5	0 - 1.5	4.5 - 5	10 - 10.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
ALUMINUM	1420 J	13200 J	10300 J	7580	8570	9530	4820	8950	10100
ANTIMONY	0.76 UJ	0.76 UJ	0.78 UJ	4.8 J	0.63 J	0.52 UJ	0.59 J	1.3 J	0.98 J
ARSENIC	1.6 J	3	5	18.8	2.7	3.9	1.5	2.6	3
BARIUM	35 J	69.6	68	114	73	46.5	36	271	74.6
BERYLLIUM	0.35 J	1.8	2	0.28 U	0.3 UJ	0.36 UJ	0.13 J	0.54	0.31
CADMIUM	0.16 J	0.28 J	0.3 J	18	0.09 U	0.09 U	0.1 J	0.11 J	0.11 J
CALCIUM	3560	1960	2310	4080	3650	1570	3070	5790	2670
CHROMIUM	20.1	49.8	35	37.8	35.4	40.3	30.1	31	42.2
COBALT	2.6 J	9.7 J	9.3 J	3.1 J	6.5 J	11.1 J	4.2	6.8	6.9
COPPER	4.8 J	11.1	10	40.3	16.4	9.4 UJ	5.3 J	17.9 J	10.1 J
IRON	2790	18000	14600	74800	13000	12000	7970	13900	14400
LEAD	167	3.8	2.5	431	79.6	3.3	3	32.6	4.8
MAGNESIUM	339 J	3390	3050	2200	2270	2430	2310	2330	3670
MANGANESE	22.6	96.6	92.2	297	109	112	108	316	217
MERCURY	0.3	0.18 U	0.18 U	0.19 U	0.17 U	0.17 U	0.01 J	0.03	0.02 J
MOLYBDENUM	2.9 U	2.9 U	3 U	3.5 U	3.2 U	3.1 U	0.15 U	0.89 UJ	0.18 UJ
NICKEL	13.8 UJ	47	51	35.6	29.2	29.9	23.5	25.3	45.3
POTASSIUM	373 UJ	1200	1460	927 J	987 J	1520	655	903	925
SELENIUM	0.69 U	0.69 U	0.71 U	0.68 U	0.61 U	0.6 U	0.24 J	0.62	0.44 J
SILVER	0.32 U	0.32 U	0.33 U	1.6 J	0.49 J	0.23 J	0.2 UJ	0.19 UJ	0.16 U
SODIUM	576 J	400 J	388 J	193 J	267 J	286 J	85 J	316	437
THALLIUM	0.53 U	0.53 U	0.55 U	0.5 U	0.45 U	0.45 U	0.11 U	0.12 U	0.12 U
TITANIUM									
VANADIUM	10.1 J	37.5	39.4	24.6	24.8	34.5	20.4	30.9	28.6
ZINC	7	36.3	34	7120	99.6	27	16.3 J	32.9 J	26.4 J

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-38	B13-39	B13-39	B13-39	B13-39	B13-39	B13-40	B13-40	B13-40
Sample Code	ALA13B38-4	ALA13B39-1	ALA13B39-2	ALA13B39-3	ALA13B39-4	ALA13B39-5	ALA13B40-1	ALA13B40-2	ALA13B40-3
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	15.5 - 16	3 - 3.5	8 - 8.5	11.5 - 12	14 - 14.5	16 - 16.5	.5 - 1	4.5 - 5	9.5 - 10
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
ALUMINUM	10200	5230	5670	35700	13200	10600	6120	4660	4610
ANTIMONY	0.88 J	0.59 J	0.68 J	2.2 J	0.71 J	0.88 J	0.9 J	0.49 J	0.43 J
ARSENIC	3	1.3	2	14	7.2	3.2	1.4	1.1	1.9
BARIUM	77.9	24.2	47	111	47.3	82.7	81.2	26	30.5
BERYLLIUM	0.3	0.17 J	0.23 J	0.63	0.19 J	0.23 J	0.19 J	0.14 J	0.05 U
CADMIUM	0.13 J	0.05 J	0.06 J	0.66	0.23 J	0.1 J	0.05 J	0.02 U	0.05 J
CALCIUM	2600	4330	8290	6050	7880	2420	5670	2550	5710
CHROMIUM	43.7	32.1	35.1	118	51.1	42.3	49.8	29.6 J	30.2
COBALT	7.4	3.9	4.4	20.2	10.7	7.2	4.3	4 J	3.6
COPPER	12.2 J	5.9 J	5.5 J	47.9 J	17.5 J	9.8 J	5.3 J	4.1	10.6 J
IRON	14800	8330	9050	46800	18700	14800	9600	7490 J	7130
LEAD	2.1	1.2	1.8	22.8	22.9	2.3	1.3	1.1	8
MAGNESIUM	3870	2470	2650	14400	5570	3900	2690	2240	1990
MANGANESE	202	105	120	679	252	199	120	95.1	87.2
MERCURY	0.04	0.02 J	0.04	0.38	0.21	0.02	0.01 J	0.01 J	0.02
MOLYBDENUM	0.21 UJ	0.16 UJ	0.17 U	0.25 U	0.66 UJ	0.17 U	0.17 U	0.17 U	0.21 UJ
NICKEL	48.2	23.8	24.6	119	46.7	46.3	25.6	22 J	20.2
POTASSIUM	973	731	842	4950	2080	1520	733	686	644
SELENIUM	0.51 J	0.29 J	0.38 J	1.5	0.76	0.5 J	0.22 J	0.34 J	0.32 J
SILVER	0.16 U	0.15 UJ	0.23 UJ	0.41 UJ	0.29 UJ	0.16 U	0.16 U	0.4 J	0.19 UJ
SODIUM	616	101 J	171 J	4680	1790	1270	127 J	326	492
THALLIUM	0.12 U	0.11 U	0.12 U	0.18 U	0.15 U	0.12 U	0.12 U	0.12 U	0.12 U
TITANIUM									
VANADIUM	29.7	22.5	24.2	85.9	41.3	30.2	28.2	20.4	17.6
ZINC	26.2 J	15.8 J	17 J	118 J	53.8 J	26.9 J	16.4 J	14 J	17.6 J

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-40	B13-40	B13-41	B13-41	B13-41	B13-41	B13-41	B13-41	B13-41
Sample Code	ALA13B40-4	ALA13B40-5	ALA13B41-1	ALA13B41-2	ALA13B41-3	ALA13B41-4	ALA13B41-5	ALA13B41-6	ALA13B41-7
Sampling Date	4/4/1994	4/4/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	13 - 13.5	15.5 - 16	.5 - 1	4.5 - 5	7 - 7.5	8 - 8.5	8.5 - 9	9 - 9.5	11 - 11.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
ALUMINUM	18500	9360	5600	5500	2680	5440	8680	11500	11200
ANTIMONY	1.1 J	0.86 J	0.75 J	0.66 J	0.15 UJ	0.53 J	0.15 UJ	0.16 UJ	0.63 J
ARSENIC	7.4	3.1	2.7	1.2	13.9	2.9	3.1	5.4	3
BARIUM	72.6	72.1	39.3	34.3	44.9	59.5	40	44	80.6
BERYLLIUM	0.35	0.23 J	0.27	0.31	0.11 J	0.11 J	0.34	0.32 J	0.32
CADMIUM	0.37	0.12 J	0.29	0.02 U	0.02 U	0.02 U	0.02 U	0.24 J	0.02 U
CALCIUM	7460	2190	3970	3200	2200	5750	2810	3060	1890
CHROMIUM	65.6	42	35.7	33.3 J	67.8 J	33.8 J	41.4 J	110 J	40.1 J
COBALT	12	6.7	4.3	4 J	4 J	2.2 J	8.3 J	15.2 J	5.3 J
COPPER	25.5 J	10.8 J	6.7 J	4.4	18.3	6.2	11.9	36.1	10.8
IRON	25700	14500	9160	8110 J	7330 J	7330 J	10700 J	12800 J	16100 J
LEAD	46.9	2.4	4.7	1.1	413	22.5	6.5	150	2.5
MAGNESIUM	7570	3660	2510	2390	663	1630	2910	3530	3860
MANGANESE	397	202	120	98.4	39.4	75.7	101	134	136
MERCURY	0.16	0.02 J	0.01 J	0.01 U	0.03	0.07	0.06	0.05	0.02 J
MOLYBDENUM	0.24 UJ	0.17 U	0.15 U	0.16 U	1.5 J	0.17 U	0.18 U	0.72 J	0.17 U
NICKEL	67.3	45.4	26.3	23.1 J	44.3 J	13.9 J	46.9 J	121 J	48.7 J
POTASSIUM	2700	1190	713	663	588	835	1070	1400	1420
SELENIUM	0.85	0.5 J	0.31 J	0.18 J	0.93	0.43 J	0.28 J	0.64 J	0.38 J
SILVER	0.19 U	0.16 UJ	0.14 U	0.26 UJ	0.22 UJ	0.27 UJ	0.28 UJ	0.18 U	0.25 UJ
SODIUM	2610	1020	86 J	118 J	390	251 J	198 J	452	730
THALLIUM	0.14 U	0.12 U	0.11 U	0.12 U	0.13 U	0.12 U	0.13 U	0.14 U	0.12 U
TITANIUM									
VANADIUM	49.4	28.5	24.1	22.7	19.9	22.7	29	47.7	27.2
ZINC	83.8 J	26.2 J	19.1 J	15.1 J	9.8 J	11.5 J	49.7 J	131 J	28 J

Notes:

MG/KG Milligrams per kilogram

MG/KG-DRY Milligrams per kilogram-dry weight

UG/L Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-41	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42
Sample Code	ALA13B41-8	ALA13B42-1	ALA13B42-2	ALA13B42-3	ALA13B42-4	ALA13B42-5	ALA13B42-6	ALA13B42-7	ALA13B42-8
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	15 - 15.5	3 - 3.5	5.5 - 6	6.5 - 7	7.5 - 8	9.5 - 10	12.5 - 13	15.5 - 16	19.5 - 20
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
ALUMINUM	7340	4350	780	14000	10700	12700	12600	8100	8380
ANTIMONY	0.59 J	0.52 J	0.15 UJ	0.87 J	0.97 J	0.69 J	0.56 J	0.58 J	0.6 J
ARSENIC	2.8	1.3	1.7	7.3	6.1	4	3.4	2.3	2.6
BARIUM	52.1	25.2	29.1	100	104	53.8	80.6	52.8	60.1
BERYLLIUM	0.47	0.07 UJ	0.05 U	0.11 J	0.08 J	0.23 J	0.31	0.19 J	0.24 J
CADMIUM	0.02 U	0.02 U	0.02 J	0.02 U	0.18 J	0.19 J	0.11 J	0.14 J	0.12 J
CALCIUM	2150	2500	363	1370	1950	2060	1580	2220	2520
CHROMIUM	36.1 J	24.8 J	3.4 J	71.3 J	59.6	60.9	53.7	46.5	49.7
COBALT	4.7 J	3.9 J	0.15 UJ	3 J	2.7 J	3.8	3.5	3.4	3.8
COPPER	6.3	3.9	1.2 J	9.6	9.1 J	10.9 J	11.2 J	6.8 J	9.5 J
IRON	12100 J	7110 J	1110 J	33000 J	28900	19600	14500	11500	12300
LEAD	1.9	1.1	2.7	2.9	2.1	2.5	2.5	1.8	1.8
MAGNESIUM	2890	2300	153 J	2800	2780	3800	3230	2610	3090
MANGANESE	111	90	7.5	66.1	79.9	103	106	82.9	105
MERCURY	0.01 U	0.01 U	0.01 U	0.01 U	0.02 J	0.02 J	0.02 J	0.01 J	0.01 J
MOLYBDENUM	0.17 U	0.17 U	0.17 U	0.18 U	0.17 U	0.17 U	0.17 U	0.16 U	0.17 U
NICKEL	35.7 J	21.5 J	1.2 J	40 J	34.5	42.3	40.5	30.9	34.8
POTASSIUM	877	674	439	1970	1610	1400	1100	909	804
SELENIUM	0.32 J	0.26 J	0.2 J	0.81	0.93	0.51 J	0.33 J	0.23 J	0.37 J
SILVER	0.26 UJ	0.32 UJ	0.16 U	0.39 UJ	0.24 UJ	0.16 U	0.18 UJ	0.19 UJ	0.17 U
SODIUM	230 J	69.9 J	132 J	1430	956	733	1290	642	564
THALLIUM	0.12 U	0.12 U	0.12 U	0.13 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U
TITANIUM									
VANADIUM	24.4	17.9	2 J	38	35.8	42.5	39	29.9	29.2
ZINC	22.1 J	13.8 J	5.6 J	20.4 J	21.1 J	27.2 J	25.3 J	19.3 J	27.5 J

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-43	B13-43	B13-43	B13-43	B13-44	B13-44	B13-44	B13-44	B13-44
Sample Code	ALA13B43-1	ALA13B43-2	ALA13B43-3	ALA13B43-4	ALA13B44-1	ALA13B44-2	ALA13B44-3	ALA13B44-4	ALA13B44-5
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994
Sampling Depth (feet bgs)	3.5 - 4	9.5 - 10	12 - 12.5	14.5 - 15	2 - 2.5	3.5 - 4	6 - 6.5	8.5 - 9	11.5 - 12
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
ALUMINUM	4380	15000	11700	8450	3730	5990	4430	5280	9980
ANTIMONY	0 37 J	0 75 J	0 69 J	0 82 J	0.74 J	1 J	1.2 J	1 J	1.1 J
ARSENIC	1 2	2 5	2 8	2 5	1 5	4.1	2.4	2.7	4
BARIUM	21	104	89 9	66 7	51 7	121	109	86.8	66.2
BERYLLIUM	0 05 U	0 32	0 29	0 22 J	0 07 UJ	0.28 UJ	0.18 UJ	0.29 UJ	0.29 UJ
CADMIUM	0 02 U	0 02 U	0 02 U	0 02 U	0.07 J	0.24 J	0.18 J	0.14 J	0.17 J
CALCIUM	2680	2030	2180	2590	7070 J	3470 J	4800 J	2080 J	1430 J
CHROMIUM	27 4 J	46 2 J	45.1 J	35.2 J	24	26.5	20.7	24.6	36.4
COBALT	3 7 J	6 5 J	6.9 J	6.3 J	3.6	5	4.5	5.8	6.7
COPPER	4 1	9.3	10	7.5	5.9 J	14.8 J	11.1 J	7.4 J	11.1 J
IRON	7020 J	15200 J	14400 J	12100 J	7070	11400	8840	11500	15200
LEAD	1	2.8	2.4	2	7.7	64.6	93.1	2	2.8
MAGNESIUM	2140	3340	3570	3250	2030	2510	2150	2640	3910
MANGANESE	82.3	167	170	169	106	241	248	193	210
MERCURY	0.01 U	0.01 U	0.01 J	0.01 U	0.02 J	0.07	0.12	0.02 J	0.02 J
MOLYBDENUM	0.17 U	0.17 U	0.25 J	0.17 U	0.23 UJ	0.38 UJ	0.16 U	0.16 U	0.16 U
NICKEL	20.7 J	48.3 J	44.5 J	37.6 J	20.9	24.8	18.1	24.7	51.8
POTASSIUM	643	788	727	859	585	925	824	555	603
SELENIUM	0.17 J	0.36 J	0.42 J	0.32 J	0.14 J	0.58	0.32 J	0.29 J	0.39 J
SILVER	0.24 UJ	0.38 UJ	0.3 UJ	0.39 UJ	0.15 U	0.16 U	0.16 U	0.16 U	0.16 U
SODIUM	106 J	423	310	289 J	199 J	213 J	283 J	361	871
THALLIUM	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.12 U	0.12 U	0.12 U	0.12 U
TITANIUM									
VANADIUM	18.6	30.5	30.2	26	15.4	20.3	15.7	17.8	22.9
ZINC	13.3 J	25.2 J	25.1 J	21.3 J	18.6	47.1	37.5	22	28.5

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-44	B13-44	M07C-06	M07C-06	M07C-06	M07C-09	M07C-09	M07C-09
Sample Code	ALA13B44-6	ALA13B44-6D	280-S7C-017	280-S7C-018	280-S7C-019	280-S7C-095	280-S7C-096	280-S7C-097
Sampling Date	4/6/1994	4/6/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994
Sampling Depth (feet bgs)	14.5 - 15	15 - 15.5	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte								
ALUMINUM	8990	8620	14200		3690	7130	15000	8180
ANTIMONY	1.1 J	1.2 J	1.5 UJ	0.81 UJ	1.3 UJ	0.49 UJ	0.51 UJ	0.66 UJ
ARSENIC	3.2	3.2	3.2	19.4	2 J	1.2 UJ	3.9 UJ	1.8 UJ
BARIUM	67.1	67.5	142	111	72.2	376	150	66.7
BERYLLIUM	0.36 UJ	0.33 UJ	1.9	1.1	0.65 J	0.6 J	1.7	0.91 J
CADMIUM	0.16 J	0.13 J	0.09 U	0.09 U	0.09 U	0.2 J	0.28 J	0.2 J
CALCIUM	1770 J	1750 J	11700	3700	3810	3550	8680	2060
CHROMIUM	38	37.5	27.4 J	28 J	20.7 J	36 J	26.4 J	42.4 J
COBALT	6.3	6.5	10.8 J	7.6 J	6.2 J	6.5 UJ	14.9 UJ	8.1 UJ
COPPER	9.4 J	9.3 J	31.1	8.2	6	8.5	23.9	12.8
IRON	14500	13900	19300	10500	7050	9710	21500	11700
LEAD	2.6	2.5	17.1 J	3.8 J	2.8 J	9.3	13.8	4
MAGNESIUM	3630	3540	6190	2330	1860	2410	6430	2510
MANGANESE	222	218	493	359	137	149	404	221
MERCURY	0.02 J	0.01 J	0.16 U	0.17 U	0.34	0.16 U	0.17 U	0.22 U
MOLYBDENUM	0.16 U	0.16 U	3 U	3.1 U	3.2 U	3 U	3.1 U	4 U
NICKEL	48.8	47.4	26.9	28.6	15.1	24.6	33.2	24.8
POTASSIUM	805	773	2130	1030 J	723 J	1000 J	3220	1110 J
SELENIUM	0.33 J	0.39 J	0.64 J	0.6 U	0.78 J	0.57 U	0.59 U	0.77 U
SILVER	0.16 U	0.16 U	0.61 UJ	0.2 U	1.3 UJ	0.19 U	0.2 U	0.26 U
SODIUM	968	936	381 J	127 J	109 J	108 J	143 J	220 J
THALLIUM	0.12 U	0.12 U	0.43 U	0.44 U	0.46 U	0.42 U	0.44 U	0.57 U
TITANIUM								
VANADIUM	24.5	23.6	49.9	24.5	15.8	27	35.2	32.6
ZINC	28.7	27.5	55.1	22.3	17	88.3	61.2	24.1

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-06	M13-06	M13-06	M13-07	M13-07	M13-07	M13-07	M13-08	M13-08
Sample Code	280-S13-018	280-S13-019	280-S13-020	280-S13-021	280-S13-022	280-S13-023	280-S13-024	280-S13-025	280-S13-026
Sampling Date	8/12/1994	8/12/1994	8/12/1994	8/12/1994	8/12/1994	8/12/1994	8/12/1994	11/19/1994	11/19/1994
Sampling Depth (feet bgs)	0 - 1	2.5 - 3.5	4 - 5	0 - 1	1.5 - 2.5	2.5 - 3.5	4.5 - 5.5	1 - 2	2.5 - 3.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
ALUMINUM	4150	4610	3790	3410	3790	5740	4350	3890	5100
ANTIMONY	0.45 UJ	0.47 UJ	0.8 J	0.46 UJ	0.48 UJ	0.54 UJ	0.57 UJ	0.72 UJ	0.74 UJ
ARSENIC	2.2	1.8 J	1.6 J	1.6 J	1.5 J	1.7 J	3.3	3.5	1.9 J
BARIUM	28.3 J	91.4	23.7 J	26.5 J	21.8 J	36.4 J	40.3 J	50.9	62.2
BERYLLIUM	0.22 U	0.22 U	0.26 U	0.22 U	0.23 U	0.26 U	0.27 U	0.52 J	0.48 J
CADMIUM	0.08 U	0.08 U	0.09 U	0.08 U	0.08 U	0.09 U	0.1 U	0.08 J	0.07 U
CALCIUM	2440	2640	1620	2970	2450	3050	2520	1590	1950
CHROMIUM	27.7	30	23.9	25.9	26.7	29.9	25.5	27.7	25.5
COBALT	4 J	4.2 J	5.3 J	3.3 J	3.8 J	5.8 J	3.5 J	3.6 J	4.9 J
COPPER	7 UJ	7.5 UJ	6.7 UJ	4.8 UJ	5.3 UJ	7.8 UJ	5.6 UJ	5.7 UJ	6.6 UJ
IRON	6890	7210	6950	6300	6660	9510	6830	7060	7930
LEAD	1.6	1.5	1.5	2.9	1.8	1.7	3.5	2.7	2.2
MAGNESIUM	2070	2080	2140	1850	1870	2790	2130	1110	1480
MANGANESE	85.1	89.1	79	80.4	84.7	107	88	157	174
MERCURY	0.15 U	0.16 U	0.18 U	0.15 U	0.16 U	0.18 U	0.19 U	0.17 U	0.18 U
MOLYBDENUM	2.8 U	2.9 U	3.3 U	2.8 U	2.9 U	3.3 U	3.4 U	2.8 U	2.9 U
NICKEL	22.1	23	25	21	22.6	33	22.6	15.1	19.7
POTASSIUM	550 J	576 J	629 J	432 J	504 J	927 J	669 J	595 J	634 J
SELENIUM	0.53 U	0.55 U	0.63 U	0.55 U	0.56 U	0.64 U	0.66 U	0.66 U	0.68 U
SILVER	0.18 U	0.18 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.31 U	0.32 U
SODIUM	70 J	100 J	82.4 J	74.4 J	69.6 J	110 J	175 J	261 J	325 J
THALLIUM	0.39 U	0.42 UJ	0.47 U	0.4 U	0.41 U	0.47 U	0.49 U	0.5 U	0.52 U
TITANIUM									
VANADIUM	19.1	18.6	15.5	15.9	16.3	21.4	18.6	19.5	18.9
ZINC	17.7	17.5	18.5	16.9	17.3	25.6	18.1	113	18.2

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47:. SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-08	M13-09	M13-09	M13-09	B-10	B-11	B-13	B-15	B-16	B-4
Sample Code	280-S13-027	280-S13-028	280-S13-029	280-S13-030	18591-8	18606-1	18606-2	18620-1	18606-3	18591-1
Sampling Date	11/19/1994	11/19/1994	11/19/1994	11/19/1994	10/31/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989	10/31/1989
Sampling Depth (feet bgs)	5 - 6	1 - 2	2.5 - 3.5	5 - 6	4.5 -	3.5 -	3 -	5.5 -	5 -	5.5 -
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0
Analyte										
ALUMINUM	3880	5830	4830	5070						
ANTIMONY	0.75 UJ	0.74 UJ	0.76 UJ	0.74 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ARSENIC	2 J	13.8	2.6	2.2 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
BARIUM	33.3 J	63	46.6	48.8	9.6	16	17	61 U	9.7	16
BERYLLIUM	0.32 J	0.66 J	0.39 J	0.48 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CADMIUM	0.07 U	0.09 J	0.07 U	0.07 J	0.55	0.5 U	0.83	1	0.5	0.53
CALCIUM	1650	2730	1800	1650						
CHROMIUM	21.7	27.2	22.8	23.3	14	13	21	7.8	13	11
COBALT	2.9 J	4.5 J	4.1 J	5.1 J	2.8	2	2.8	4.9	3	1.4
COPPER	5 UJ	12.6	5.4 UJ	5.5 UJ	3.2	4.6	5.7	15	3.7	4.5
IRON	6850	11100	6150	6830						
LEAD	1.8	6.5	1.8	2.5	2.5 U	2.5 U	9.1	3	2.5 U	9.3
MAGNESIUM	1340	2230	1340	1550						
MANGANESE	163	200	93.1	81.7						
MERCURY	0.18 U	0.17 U	0.18 U	0.18 U	0.1 U	0.1 U	0.1 U	0.1 U	0.86	0.51
MOLYBDENUM	2.9 U	2.8 U	2.9 U	2.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
NICKEL	15.2	22.6	15.4	19.5	15	12	16	7.9	16	7.4
POTASSIUM	543 J	848 J	605 J	592 J						
SELENIUM	0.68 U	0.67 U	0.69 U	0.67 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SILVER	0.32 U	0.31 U	0.32 U	0.31 U	1 U	1 U	1 U	1 U	1 U	1 U
SODIUM	341 J	590 J	309 J	343 J						
THALLIUM	0.52 U	0.51 U	0.53 U	0.52 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
TITANIUM										
VANADIUM	17.3	20.9	16.6	17.7	6	6.8	7.9	10	5.8	11
ZINC	16.5	31.9	16.1	19.2	8.9	9.8	23	200	10	16

Notes:

MG/KG Milligrams per kilogram

MG/KG-DRY Milligrams per kilogram-dry weight

UG/L Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-5	B-6	B-7	B-8	B-9	B-IMF-01	B-IMF-01	B-IMF-01	B-IMF-01	B-IMF-02
Sample Code	18591-3	18591-4	18591-5	18591-6	18591-7	IMF-01-02	IMF-01-08	IMF-01-10	IMF-01-08	IMF-02-06
Sampling Date	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	7/19/1991	7/19/1991	7/19/1991	7/30/1991	7/18/1991
Sampling Depth (feet bgs)	5 -	5.5 -	4.5 -	4.5 -	5.5 -	2 - 2.5	8 - 8.5	9.5 - 10	8 - 8.5	6 - 6.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	UG/L	MG/KG-DRY
Investigation	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte										
ALUMINUM										
ANTIMONY	2.5 U	2.5 U	2.2 J	2.5 U	2.5 U					
ARSENIC	2.5 U	2.5 U	81	2.5 U	2.5 U					
BARIUM	58	35	70	67	10					
BERYLLIUM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					
CADMIUM	0.7	0.62	0.3 J	0.79	0.5 U					
CALCIUM										
CHROMIUM	16	16	33	18	14					
COBALT	3.4	3.1	4.8	3.5	2.5					
COPPER	8.2	5.8	70	21	3.5					
IRON										
LEAD	2.5 U	2.5 U	13000	140	2.5 U	48.1	148	21.4	2240	27.2
MAGNESIUM										
MANGANESE										
MERCURY	0.11	0.1 U	0.78	0.31	0.1 U					
MOLYBDENUM	0.5 U	0.5 U	0.32 J	0.5 U	0.5 U					
NICKEL	15	11	39	12	14					
POTASSIUM										
SELENIUM	2.5 U	2.5 U	16	2.5 U	2.5 U					
SILVER	1 U	1 U	0.93 J	1 U	1 U					
SODIUM										
THALLIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U					
TITANIUM										
VANADIUM	11	9.9	13	13	7.4					
ZINC	17	10	20	72	9.4					

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-IMF-02	B-IMF-03	B-IMF-03	B-IMF-03	B-IMF-04	B-IMF-04	B-IMF-04	B-IMF-05	B-IMF-05
Sample Code	IMF-02-08	IMF-03-04	IMF-03-08	IMF-03-10	IMF-04-06	IMF-04-08	IMF-04-08	IMF-05-00	IMF-05-06
Sampling Date	7/18/1991	7/18/1991	7/18/1991	7/18/1991	7/18/1991	8/25/1991	7/18/1991	7/19/1991	7/19/1991
Sampling Depth (feet bgs)	8 - 8.3	4 - 4.5	8 - 8.5	10 - 10.5	6 - 6.5	8 - 8.5	8 - 8.5	0 - 0.5	6 - 6.5
Units	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	UG/L	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
Investigation	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte									
ALUMINUM									
ANTIMONY									
ARSENIC									
BARIUM									
BERYLLIUM									
CADMIUM									
CALCIUM									
CHROMIUM									
COBALT									
COPPER									
IRON									
LEAD	3.3	15.8	9.67	3.69	9.95	35.9	63.5	13.7	5.02
MAGNESIUM									
MANGANESE									
MERCURY									
MOLYBDENUM									
NICKEL									
POTASSIUM									
SELENIUM									
SILVER									
SODIUM									
THALLIUM									
TITANIUM									
VANADIUM									
ZINC									

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-IMF-06	B-IMF-06	B-IMF-06	B-IMF-07	B-IMF-07	EX13-002	EX13-003	EX13-004	EX13-006
Sample Code	IMF-06-04	IMF-06-04	IMF-06-10	IMF-07-08	IMF-07-10	137-S13-002	137-S13-003	137-S13-004	137-S13-006
Sampling Date	7/19/1991	7/31/1991	7/19/1991	7/19/1991	7/19/1991	10/8/1993	10/8/1993	10/8/1993	10/8/1993
Sampling Depth (feet bgs)	4 - 4.5	4 - 4.5	10 - 10.5	8 - 8.5	10 - 10.5	5 -	5 -	5 -	4 -
Units	MG/KG-DRY	UG/L	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte									
ALUMINUM									
ANTIMONY									
ARSENIC									
BARIUM									
BERYLLIUM									
CADMIUM									
CALCIUM									
CHROMIUM									
COBALT									
COPPER									
IRON									
LEAD	602	2060	3.85	30.4	52.3	24.9	1.4	13.3	36.7
MAGNESIUM									
MANGANESE									
MERCURY									
MOLYBDENUM									
NICKEL									
POTASSIUM									
SELENIUM									
SILVER									
SODIUM									
THALLIUM									
TITANIUM									
VANADIUM									
ZINC									

Notes:

MG/KG Milligrams per kilogram

MG/KG-DRY Milligrams per kilogram-dry weight

UG/L Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	EX13-007	EX13-007	EX13-008	EX13-009	EX13-020	EX13-021	EX13-022	EX13-023	EX13-024
Sample Code	137-S13-007	137-S13-010	137-S13-008	137-S13-009	137-S13-020	137-S13-021	137-S13-022	137-S13-023	137-S13-024
Sampling Date	10/8/1993	10/8/1993	10/8/1993	10/8/1993	10/19/1994	10/19/1994	10/19/1994	10/19/1994	10/19/1994
Sampling Depth (feet bgs)	4 -	4 -	4 -	7 -	7 -	5 -	5 -	5 -	5 -
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte									
ALUMINUM	15800	3530		3470				15800 J	
ANTIMONY	3.3 UJ	2.4 UJ		2.6 UJ				0.53 U	
ARSENIC	7.4	3.9 J		4.3				7.5	
BARIUM	52.7 J	26.2 J		40.1 J				44 J	
BERYLLIUM	0.61 U	0.44 U		0.47 U				0.11 U	
CADMIUM	5.8	2.4 UJ		0.71 UJ				0.16 U	
CALCIUM	2980	1720		3470				4770	
CHROMIUM	65.3 J	22.1 J		22 J				63.2 J	
COBALT	14.7 J	3.9 UJ		4.9 UJ				12.8 J	
COPPER	23	6		5.6 J				20	
IRON	26000	6650		6390				21500	
LEAD	14.3	68.4	23.8	104	11.1	20.5	13.5	8.5	121
MAGNESIUM	8420 J	1760 J		1710 J				7880 J	
MANGANESE	284	66		83.6				285 J	
MERCURY	0.13 U	0.11 U		0.1 U				0.09	
MOLYBDENUM	0.91 U	0.66 U		0.7 U				1 UJ	
NICKEL	79.2	19.4		20				62.9	
POTASSIUM	2940 J	568 J		564 J				2540 J	
SELENIUM	0.29 UJ	0.46 J		0.43 J				2.1	
SILVER	1.5 U	1.1 U		1.2 U				0.53 U	
SODIUM	2690	60.8 UJ		166 UJ				1650 J	
THALLIUM	0.29 U	0.21 U		0.23 U				0.53 UJ	
TITANIUM									
VANADIUM	43.5	14.7		12.9				47.5	
ZINC	62.1	22.9		18.3				63.1 J	

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-10	BOR-10	BOR-10	BOR-10	BOR-10	BOR-11
Sample Code	BOR-10 [0.5-1.0]	BOR-10 [11.5-12.0]	BOR-10 [14.5-15.0]	BOR-10 [4.0-4.5]	BOR-10 [8.0-8.5]	BOR-11 [0.5-1.0]
Sampling Date	7/12/1990	7/12/1990	7/12/1990	7/12/1990	7/12/1990	7/18/1990
Sampling Depth (feet bgs)	.5 - 1	11.5 - 12	14.5 - 15	4 - 4.5	8 - 8.5	.5 - 1
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	4400	5530	7530	4280	4290	8960
ANTIMONY	2.1 U	3 U	2.3 U	2.2 U	2.5 U	6
ARSENIC	3 8	4.9	4.8	2.6 U	3 U	2.5 U
BARIUM	84 9	51 3	67.5	21.2	48.7	103
BERYLLIUM	0 2 U	0 3 U	0 2	0 2 U	0.2 U	0.2 U
CADMIUM	0 2 U	0 3	0 2	0.2 U	0.2 U	0.7
CALCIUM	2960	5900	1760	2230	5140	8020
CHROMIUM	38 6	35 7	40 3	32.1	27.1	29.1
COBALT	4	7 4	7.4	4.2	4.5	7.8
COPPER	6 4	11 5	12.8	7.3	22.8	42.5
IRON	7000	10600	12700	7050	7040	13700
LEAD	5.1 U	58.5	5.8 U	5.4 U	6.2 U	64.2
MAGNESIUM	1920	3640	3100	2160	2040	5600
MANGANESE	87.9	158	169	90.6	94.3	548
MERCURY						
MOLYBDENUM	1 U	1.5 U	1.2 U	1.1 U	1.2 U	1 U
NICKEL	19	36	41.8	21.7	22.1	46
POTASSIUM	500	1100	1100	620	540	830
SELENIUM	4.3 U	6.3 U	4.8 U	4.5 U	5.2 U	4.3 U
SILVER	0.6 U	0.9 U	0.7 U	0.6 U	0.7 U	0.6 U
SODIUM	174	1620	1360	264	423	493
THALLIUM	2.7 U	3.9 U	3 U	2.8 U	3.2 U	2.7 U
TITANIUM	454	418	442	400	287	257
VANADIUM	19.2	22.4	23.7	17.6	17	27.6
ZINC	19.8	92.5	36.4	22.2	34.4	64.7

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-11	BOR-11	BOR-11	BOR-11	BOR-13	BOR-13
Sample Code	BOR-11 [11.5-12.0]	BOR-11 [14.5-15.0]	BOR-11 [3.5-4.0]	BOR-11 [7.0-7.5]	BOR-13 [0.5-1.0]	BOR-13 [11.5-12.0]
Sampling Date	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	11.5 - 12	14.5 - 15	3.5 - 4	7 - 7.5	.5 - 1	11.5 - 12
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	5690	9190	45.8	3380	4470	12300
ANTIMONY	6	6	4.3	4.2	6.2 U	7.2 U
ARSENIC	5	3.1	2.5 U	2.9 U	10 U	12 U
BARIUM	61.5	78.7	23.6	20.4	31	78
BERYLLIUM	0.3	0.3	0.2 U	0.2 U	1 U	1.2 U
CADMIUM	0.4	0.3	0.2 U	0.2 U	1 U	1.2 U
CALCIUM	26500	1820	3610	1630	4400	2200
CHROMIUM	27.9	41.7	34.4	24.5	29	44
COBALT	9.5	5.3	4	3.9	5.1 U	6 U
COPPER	18.9	10.7	4.7	6.8	9.5	9.3
IRON	9810	13900	7260	5770	8020	16200
LEAD	59.2	5.9 U	5.3 U	6 U	8.8	6 U
MAGNESIUM	2660	3390	2090	1890	1800	3300
MANGANESE	202	130	89.8	70.2	96	120
MERCURY						
MOLYBDENUM	1.2 U	1.2 U	1.1 U	1.2 U	5.1 U	6 U
NICKEL	38.9	49.6	23.6	22.2	26	46
POTASSIUM	960	1300	590	580	620	1500
SELENIUM	5 U	5 U	4.4 U	5 U	10 U	12 U
SILVER	0.7 U	0.7 U	0.6 U	0.7 U	5.1 U	6 U
SODIUM	1350	1240	191	270	510 U	920
THALLIUM	3.1 U	3.1 U	2.7 U	3.1 U	10 U	12 U
TITANIUM	286	452	444	296	470	554
VANADIUM	21	23.8	18.5	14.2	22	31
ZINC	79.8	42	23.9	22.4	20	29

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-13	BOR-13	BOR-13	BOR-14	BOR-14	BOR-14
Sample Code	BOR-13 [14.5-15.0]	BOR-13 [2.5-3.0]	BOR-13 [7.0-7.5]	BOR-14 [0.0-0.5]	BOR-14 [14.0-14.5]	BOR-14 [4.0-4.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	5/23/1990	5/23/1990	5/23/1990
Sampling Depth (feet bgs)	14.5 - 15	2.5 - 3	7 - 7.5	0 - 0.5	14 - 14.5	4 - 4.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	12400	5030	11400	4710	13100	5210
ANTIMONY	7.4 U	6.3 U	7.6 U	6.4 U	7.7 U	7.5 U
ARSENIC	12 U	10 U	13 U	11 U	13 U	12 U
BARIUM	84	53	42	34	110	28
BERYLLIUM	1.2 U	1 U	1.3 U	1.1 U	1.3 U	1.2 U
CADMIUM	1.2 U	1 U	1.3 U	1.1 U	1.3 U	1.2 U
CALCIUM	2000	3200	2900	2900	2600	2200
CHROMIUM	40	31	53	28	50	28
COBALT	6.2 U	5.3 U	7.5	5.4 U	7.2	6.3 U
COPPER	11	5.6	10	36	17	23
IRON	15000	7600	16500	7770	19400	8420
LEAD	6.2 U	5.3 U	6.3 U	5.4 U	6.4 U	6.3 U
MAGNESIUM	3300	2100	4400	2200	4000	2600
MANGANESE	140	91	160	92	250	90
MERCURY						
MOLYBDENUM	6.2 U	5.3 U	6.3 U	5.4 U	6.4 U	6.3 U
NICKEL	48	23	46	24	62	26
POTASSIUM	1500	670	1400	730	1000	930
SELENIUM	12 U	10 U	13 U	11 U	13 U	12 U
SILVER	6.2 U	5.3 U	6.3 U	5.4 U	6.4 U	6.3 U
SODIUM	710	530 U	1900	540 U	900	630 U
THALLIUM	12 U	10 U	13 U	11 U	13 U	12 U
TITANIUM	590	490	610	440	550	460
VANADIUM	31	20	34	19	35	19
ZINC	30	16	33	27	36	24

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-14	BOR-15	BOR-15	BOR-15	BOR-15	BOR-15
Sample Code	BOR-14 [8.5-9.0]	BOR-15 [0.5-1.0]	BOR-15 [11.5-12.0]	BOR-15 [14.5-15.0]	BOR-15 [2.5-3.0]	BOR-15 [7.0-7.5]
Sampling Date	5/23/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	8.5 - 9	.5 - 1	11.5 - 12	14.5 - 15	2.5 - 3	7 - 7.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	8900	18200	11700	10900	4840	5890
ANTIMONY	7.5 U	8.2	4.4	6.7	5.5	5.8
ARSENIC	12 U	2.5	5.3	2.9 U	2.6 U	3.5
BARIUM	52	23	61.6	72.4	30.6	48.6
BERYLLIUM	1.2 U	0.2 U	0.3	0.3	0.2 U	0.3 U
CADMIUM	1.2 U	0.7	0.4	0.4	0.3	0.4
CALCIUM	2000	9100	1840	1670	2390	2730
CHROMIUM	40	22.8	49.8	59.8	31.1	36.7
COBALT	6.2 U	15.2	8.8	4.5	4.7	6
COPPER	22	160	11.9	11.8	7	10.8
IRON	12500	28500	15400	13400	8480	10300
LEAD	6.2 U	14.1	5.9 U	6.1 U	5.5 U	8.3
MAGNESIUM	2800	12000	3880	3040	2660	3300
MANGANESE	140	456	147	140	113	127
MERCURY						
MOLYBDENUM	6.2 U	1 U	1.2 U	1.2 U	1.1 U	1.3 U
NICKEL	35	20.1	69.1	51.3	30.2	37.5
POTASSIUM	740	780	1100	850	740	1200
SELENIUM	12 U	4.3 U	5 U	5.1 U	4.6 U	5.3 U
SILVER	6.2 U	0.6 U	0.7 U	0.7 U	0.7 U	0.8 U
SODIUM	620 U	560	2060	1840	176	488
THALLIUM	12 U	2.7 U	3.1 U	3.2 U	2.9 U	3.3 U
TITANIUM	520	544	524	293	351	431
VANADIUM	30	76.8	29.8	24.7	17.9	20.6
ZINC	30	66.8	37.4	32.2	32.8	33.6

Notes:

MG/KG Milligrams per kilogram

MG/KG-DRY Milligrams per kilogram-dry weight

UG/L Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-16	BOR-16	BOR-16	BOR-16	BOR-16	BOR-17
Sample Code	BOR-16 [0.5-1.0]	BOR-16 [11.5-12.0]	BOR-16 [14.5-15.0]	BOR-16 [2.5-3.0]	BOR-16 [7.0-7.5]	BOR-17 [11.0-11.5]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/17/1990
Sampling Depth (feet bgs)	.5 - 1	11.5 - 12	14.5 - 15	2.5 - 3	7 - 7.5	11 - 11.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	16200	14400	12500	7040	12600	11400
ANTIMONY	6.5 U	7.2 U	7.5 U	6.3 U	7.2 U	3.8
ARSENIC	11 U	12 U	12 U	11 U	12 U	5
BARIUM	290	98	84	68	99	93
BERYLLIUM	1.1 U	1.2 U	1.2 U	1.1 U	1.2 U	0.3
CADMIUM	3.5	1.2 U	1.2 U	1.1 U	1.2 U	0.5
CALCIUM	5600	2900	3300	1900	2100	2400
CHROMIUM	47	51	53	30	44	56.2
COBALT	10	9	7.9	5.3 U	6.8	7.6
COPPER	74	12	10	8.1	11	22
IRON	20300	17900	16800	9060	15500	17800
LEAD	260	6 U	6.3 U	5.7	6 U	7.4
MAGNESIUM	5100	5000	4500	1600	4000	3980
MANGANESE	450	250	240	210	210	155
MERCURY						
MOLYBDENUM	5.4 U	6 U	6.3 U	5.3 U	6 U	1.2 U
NICKEL	50	60	55	28	47	59.4
POTASSIUM	2700	1300	1300	800	800	790
SELENIUM	12	14	12 U	11 U	12 U	5 U
SILVER	5.4 U	6 U	6.3 U	5.3 U	6 U	0.7 U
SODIUM	540 U	600 U	630 U	530 U	600 U	377
THALLIUM	11 U	12 U	12 U	11 U	12 U	3.1 U
TITANIUM	567	644	627	390	490	610
VANADIUM	48	36	33	22	33	31.5
ZINC	1280	35	32	25	30	59.2

Notes:

MG/KG Milligrams per kilogram

MG/KG-DRY Milligrams per kilogram-dry weight

UG/L Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-17	BOR-17	BOR-17	BOR-17	BOR-17	BOR-18
Sample Code	BOR-17 [14.5-15.0]	BOR-17 [2.0-2.5]	BOR-17 [4.0-4.5]	BOR-17 [8.0-8.5]	BOR-17R [10.5-11.0]	BOR-18 [0.5-1.0]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/23/1990
Sampling Depth (feet bgs)	14.5 - 15	2 - 2.5	4 - 4.5	8 - 8.5	10.5 - 11	.5 - 1
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	8990	2990	4710	9930	7970	9550
ANTIMONY	4.6	2.1 U	2.3 U	4.4	4.3	7.3 U
ARSENIC	3.2	2.6 U	2.7 U	2.8 U	2.8 U	20
BARIUM	84.9	76.2	44.9	77.3	79.9	76
BERYLLIUM	0.3	0.2 U	0.2 U	0.3	0.3	1.2 U
CADMIUM	0.6	0.2 U	0.2	0.5	0.5	1.2 U
CALCIUM	2080	2300	2220	1630	2020	3600
CHROMIUM	47.8	23	28.2	36.5	44.3	34
COBALT	8.9	3.8	6.1	6.3	6.8	7.8
COPPER	13	15.2	12.9	15.3	19.6	65
IRON	15400	6060	8820	14900	13900	19400
LEAD	8.1	5.4 U	18.6	7.1	5.7 U	50
MAGNESIUM	4080	1740	2190	3890	3190	6500
MANGANESE	254	72.1	96.2	109	196	280
MERCURY						
MOLYBDENUM	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	6.1 U
NICKEL	58.1	20.8	27.5	44.1	48.6	43
POTASSIUM	990	430	770	820	623	1000
SELENIUM	5 U	4.5 U	4.7 U	4.9 U	4.8 U	12
SILVER	0.7 U	0.6 U	0.7 U	0.7 U	0.7 U	6.1 U
SODIUM	361	137	135	334	370	610 U
THALLIUM	3.1 U	2.8 U	2.9 U	3 U	3 U	12 U
TITANIUM	42.6	245	343	528	435	360
VANADIUM	26.2	12.5	18.5	27.6	25.3	32
ZINC	37.4	27.5	25.5	39.2	39.2	91

Notes:

MG/KG Milligrams per kilogram

MG/KG-DRY Milligrams per kilogram-dry weight

UG/L Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-18	BOR-18	BOR-18	BOR-18	BOR-19	BOR-19
Sample Code	BOR-18 [11.5-12.0]	BOR-18 [14.5-15.0]	BOR-18 [4.0-4.5]	BOR-18 [7.5-8.0]	BOR-19 [0.5-1.0]	BOR-19 [11.5-12.0]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	11.5 - 12	14.5 - 15	4 - 4.5	7.5 - 8	.5 - 1	11.5 - 12
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	10700	14200	5950	12400	4140	11200
ANTIMONY	7.2 U	7.3 U	7.1 U	7 U	5.8	7.5
ARSENIC	12 U	12 U	12 U	12 U	2.6	2.9 U
BARIUM	81	94	68	66	46.4	85.9
BERYLLIUM	1.2 U	1.2 U	1.2 U	1.2 U	0.2 U	0.3
CADMIUM	1.2 U	1.2 U	1.2 U	1.2 U	0.5	0.4
CALCIUM	2300	3100	2000	1900	22300	2260
CHROMIUM	39	54	23	50	34	45.9
COBALT	7.1	9.1	5.9 U	5.9 U	3.5	8.1
COPPER	8.4	14	7.1	9.1	10.7	23.5
IRON	12900	18600	7820	13600	6980	16600
LEAD	6 U	6.1 U	5.9 U	5.9 U	5.2 U	6 U
MAGNESIUM	3500	4900	1500	3400	2040	3940
MANGANESE	320	230	180	120	101	200
MERCURY						
MOLYBDENUM	6 U	6.1 U	5.9 U	5.9 U	1 U	1.2 U
NICKEL	48	63	14	39	27.1	58.6
POTASSIUM	1100	1500	590 U	690	670	916
SELENIUM	12 U	15	12 U	12 U	4.4 U	5.1 U
SILVER	6 U	6.1 U	5.9 U	5.9 U	0.6 U	0.7 U
SODIUM	600 U	610 U	590 U	590 U	467	612
THALLIUM	12 U	12 U	12 U	12 U	2.7 U	3.1 U
TITANIUM	516	655	380	513	382	393
VANADIUM	25	33	17	30	17.9	27.9
ZINC	25	35	17	23	30.2	54.6

Notes:

MG/KG Milligrams per kilogram

MG/KG-DRY Milligrams per kilogram-dry weight

UG/L Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-19	BOR-19	BOR-19	BOR-21	BOR-21	BOR-21
Sample Code	BOR-19 [14.5-15.0]	BOR-19 [3.5-4.0]	BOR-19 [8.0-8.5]	BOR-21 [0.5-1.0]	BOR-21 [12.0-12.5]	BOR-21 [15.0-15.5]
Sampling Date	7/18/1990	7/18/1990	7/18/1990	7/19/1990	7/19/1990	7/19/1990
Sampling Depth (feet bgs)	14.5 - 15	3.5 - 4	8 - 8.5	.5 - 1	12 - 12.5	15 - 15.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	6290	4390	10800	47.9	6350	7830
ANTIMONY	4.5	5.7	4.8	2.1 U	2.4 U	4.6
ARSENIC	3.8	2.8 U	3.5	2.5 U	2.9	3.3
BARIUM	62.8	26.8	109	26.2	53.6	38.1
BERYLLIUM	0.2 U	0.2 U	0.4	0.2 U	0.3	0.2 U
CADMIUM	0.3	0.2	0.5	0.2 U	0.2 U	0.3
CALCIUM	1960	1990	1960	3090	1620	2230
CHROMIUM	40.1	29.9	41.4	52.2	55.7	40.7
COBALT	7.1	4.2	9.4	3.7	4.1	3.3
COPPER	9.8	7	12.1	25.7	13.4	12.2
IRON	11600	7390	14600	7920	13300	13000
LEAD	6 U	5.8 U	6.7	8.8	6.2	8.3
MAGNESIUM	3010	2460	4140	2270	2980	3200
MANGANESE	245	80.2	192	108	146	132
MERCURY						
MOLYBDENUM	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U
NICKEL	45.1	26.8	56.6	28.6	39.4	39.7
POTASSIUM	800	830	770	660	910	1000
SELENIUM	5 U	4.8 U	5 U	4.4 U	4.9 U	5 U
SILVER	0.7 U	0.7 U	0.7 U	0.6 U	0.7 U	0.7 U
SODIUM	380	238	431	237	500	460
THALLIUM	3.1 U	3 U	3.1 U	2.7	3.1 U	3.1 U
TITANIUM	311	389	485	431	350	504
VANADIUM	21	16.9	30.7	19.3	23.2	24
ZINC	34.3	20.9	38.7	33.2	28.5	32

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-21	BOR-21	BOR-24	BOR-24	BOR-24	BOR-24
Sample Code	BOR-21 [3.0-3.5]	BOR-21 [7.5-8.0]	BOR-24 [1.0-1.5]	BOR-24 [11.5-12.0]	BOR-24 [3.0-3.5]	BOR-24 [14.5-15.0]
Sampling Date	7/19/1990	7/19/1990	7/19/1990	7/19/1990	7/19/1990	7/24/1990
Sampling Depth (feet bgs)	3 - 3.5	7.5 - 8	1 - 1.5	11.5 - 12	3 - 3.5	14.5 - 15
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	3400	4790	4910	8100	3780	
ANTIMONY	2.1 U	2.4 U	2.1 U	4	2.2 U	2.4 U
ARSENIC	2.7	2.9 U	4.9	8.1	3.3	3.9
BARIUM	22.2	28	43.7	87.6	64.7	77.9
BERYLLIUM	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.3
CADMIUM	0.2 U	0.2 U	0.7	0.3	0.2 U	0.4
CALCIUM	4140	2350	2440	1720	1560	2580
CHROMIUM	23	32.7	25.9	41.6	24.5	44.3
COBALT	3.1	2.9	4.7	6.5	3.6	6.9
COPPER	9.3	8.9	23.2	15.3	13.3	14.1
IRON	6030	7500	8930	14100	7020	14300
LEAD	6.8	8.8	36.3	7.5	5.5 U	9.8
MAGNESIUM	2100	2250	2740	3550	1290	3870
MANGANESE	89	91.2	140	184	150	169
MERCURY						
MOLYBDENUM	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U	1.2 U
NICKEL	23.5	24.3	26.2	50.4	17.5	50.7
POTASSIUM	550	730	760	590	710	942
SELENIUM	4.5 U	5 U	4.5 U	5 U	4.7 U	5.1 U
SILVER	0.6 U	0.7 U	0.6 U	0.7 U	0.7 U	0.7 U
SODIUM	184	202	176	331	143	275
THALLIUM	2.8 U	3.1 U	2.8 U	3.1 U	2.9 U	3.1 U
TITANIUM	284	441	209	325	250	479
VANADIUM	13.3	17.7	16.6	24.6	16.2	25.4
ZINC	18.7	26.5	40.6	32.4	26.5	36.4

Notes:

MG/KG Milligrams per kilogram

MG/KG-DRY Milligrams per kilogram-dry weight

UG/L Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-24	BOR-6	BOR-6	BOR-6	BOR-6	BOR-6	BOR-7
Sample Code	BOR-24 [7.5-8.0]	BOR-6 [0.5-1.0]	BOR-6 [11.5-12.0]	BOR-6 [14.5-15.0]	BOR-6 [6.0-6.5]	BOR-6 [8.5-9.0]	BOR-7 [14.5-15.0]
Sampling Date	7/24/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/10/1990
Sampling Depth (feet bgs)	7.5 - 8	.5 - 1	11.5 - 12	14.5 - 15	6 - 6.5	8.5 - 9	14.5 - 15
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
ALUMINUM	12300	3460	11100	10200	3960	9840	12400
ANTIMONY	4.4	6.3 U	7.8 U	7.3 U	7 U	7.3 U	7.3 U
ARSENIC	7.1	10 U	13 U	12 U	12 U	12 U	12 U
BARIUM	114	27	42	45	31	67	76
BERYLLIUM	0.4	1 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U
CADMIUM	0.4	1 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U
CALCIUM	2290	4600	1700	2200	870	1400	2100
CHROMIUM	45.1	22	40	42	22	41	40
COBALT	9.5	5.3 U	7.4	7.1	5.8 U	6.1	6.1 U
COPPER	15.2	22	17	12	48	34	20
IRON	19400	5920	18200	14300	7570	14400	14000
LEAD	12.4	5.3 U	6.5 U	6 U	5.8 U	6.1	6.5
MAGNESIUM	4620	1800	4100	3500	1200	2400	3000
MANGANESE	227	75	220	160	130	130	150
MERCURY							
MOLYBDENUM	1.2 U	5.3 U	6.5 U	6 U	5.8 U	6.1 U	6.1 U
NICKEL	60.5	23	61	50	16	38	45
POTASSIUM	800	530 U	780	780	620	850	1100
SELENIUM	4.9 U	10 U	13 U	12 U	12 U	12 U	12 U
SILVER	0.7 U	5.3 U	6.5 U	6 U	5.8 U	6.1 U	6.1 U
SODIUM	429	530 U	650 U	600 U	580 U	910	610 U
THALLIUM	3.1 U	10 U	13 U	12 U	12 U	12 U	12 U
TITANIUM	556	290	480	430	280	290	590
VANADIUM	34	15	33	25	18	32	27
ZINC	37.7	21	35	30	47	30	38

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-7	BOR-7	BOR-7	BOR-7	BOR-8	BOR-8	BOR-8
Sample Code	BOR-7 [3.5-4.0]	BOR-7 [9.0-9.5]	BOR-7 [0.5-1.0]	BOR-7 [2.0-2.5]	BOR-8 [1.0-1.5]	BOR-8 [10.5-11.0]	BOR-8 [12.5-13.0]
Sampling Date	7/10/1990	7/10/1990	7/5/1990	7/5/1990	7/16/1990	7/16/1990	7/16/1990
Sampling Depth (feet bgs)	3.5 - 4	9 - 9.5	.5 - 1	2 - 2.5	1 - 1.5	10.5 - 11	12.5 - 13
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
ALUMINUM	4310		5040	4060	3150	9560	10100
ANTIMONY	6.9 U	7.2 U	6.2 U	6.4 U	6.4 U	7.2 U	7.3 U
ARSENIC	12 U		10 U	11 U	11 U	12 U	12 U
BARIUM	57		35	24	21 U	58	130
BERYLLIUM	1.2 U	1.2 U	1 U	1.1 U	1.1 U	1.2 U	1.2 U
CADMIUM	1.2 U	1.2 U	1 U	1.1 U	1.1 U	1.2 U	1.2 U
CALCIUM	1200		3000	1900	2400	3500	1800
CHROMIUM	23		28	22	20	39	70
COBALT	5.7 U	7.2	5.1 U	5.3 U	5.3 U	8.7	6.2
COPPER	7.4		13	12	15	45	14
IRON	7760		7900	6780	5810	14700	16100
LEAD	5.7 U	9.6	5.1 U	5.3 U	5.3 U	6 U	6 U
MAGNESIUM	1500		2000	2400	1800	3900	4400
MANGANESE	76		93	85	69	170	130
MERCURY							
MOLYBDENUM	5.7 U	6 U	5.1 U	5.3 U	5.3 U	6 U	6 U
NICKEL	16		23	24	20	52	54
POTASSIUM	790		640	640	530 U	1600	1700
SELENIUM	12 U		10 U	11 U	11 U	12 U	12 U
SILVER	5.7 U	6 U	5.1 U	5.3 U	5.3 U	6 U	6 U
SODIUM	570 U		510 U	530 U	530 U	1200	1400
THALLIUM	12 U		10 U	11 U	11 U	12 U	12 U
TITANIUM	290		470	320	300	480	570
VANADIUM	18		20	15	14	30	33
ZINC	16		18	19	18	53	36

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47:. SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-8	BOR-8	BOR-9	BOR-9	BOR-9	BOR-9	BOR-9
Sample Code	BOR-8 [3.5-4.0]	BOR-8 [6.5-7.0]	BOR-9 [0.5-1.0]	BOR-9 [11.5-12.0]	BOR-9 [14.5-15.0]	BOR-9 [2.5-3.0]	BOR-9 [7.0-7.5]
Sampling Date	7/16/1990	7/16/1990	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	3.5 - 4	6.5 - 7	.5 - 1	11.5 - 12	14.5 - 15	2.5 - 3	7 - 7.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
ALUMINUM	3700	4130	2820	12500	9490	5850	7430
ANTIMONY	6.4 U	7.3 U	6.2 U	7 U	7.2 U	6.6 U	7 U
ARSENIC	11 U	12 U	10 U	12 U	12 U	11 U	12 U
BARIUM	21 U	24 U	21 U	81	67	28	41
BERYLLIUM	1.1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U
CADMIUM	1.1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U
CALCIUM	2100	1800	3300	2400	2700	4100	1900
CHROMIUM	26	23	20	40	39	30	34
COBALT	5.3 U	6.1 U	5.2 U	6.8	6.8	5.5 U	5.8 U
COPPER	9.1	6.7	16	10	8.5	8.3	5.8 U
IRON	6330	7190	5450	16000	12500	8580	10000
LEAD	5.3 U	6.1 U	5.2 U	5.8 U	6 U	5.5 U	5.8 U
MAGNESIUM	1800	2300	1600	4000	3400	2700	2300
MANGANESE	79	88	64	180	150	94	100
MERCURY							
MOLYBDENUM	5.3 U	6.1 U	5.2 U	5.8 U	6 U	5.5 U	5.8 U
NICKEL	19	24	18	52	40	27	25
POTASSIUM	530 U	720	520 U	1000	1000	870	670
SELENIUM	11 U	12 U	10 U	12	12 U	11 U	12 U
SILVER	5.3 U	6.1 U	5.2 U	5.8 U	6 U	5.5 U	5.8 U
SODIUM	530 U	610 U	520 U	580 U	600 U	550 U	580 U
THALLIUM	11 U	12 U	10 U	12 U	12 U	11 U	12 U
TITANIUM	410	360	250	533	641	480	450
VANADIUM	17	17	13	32	30	21	26
ZINC	16	17	18	27	24	19	15

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-1	MWOR-1	MWOR-1	MWOR-1	MWOR-2
Sample Code	MWOR-1 [1.0-1.5]	MWOR-1 [12.0-12.5]	MWOR-1 [15.0-15.5]	MWOR-1 [3.0-3.5]	MWOR-1 [7.5-8.0]	MWOR-2 [2.0-2.5]
Sampling Date	7/16/1990	7/16/1990	7/16/1990	7/16/1990	7/16/1990	7/16/1990
Sampling Depth (feet bgs)	1 - 1.5	12 - 12.5	15 - 15.5	3 - 3.5	7.5 - 8	2 - 2.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	3610	12000	7500	4160	4770	8070
ANTIMONY	6.3 U	7.2 U	7.1 U	6.4 U	7 U	3.5
ARSENIC	10 U	12 U	12 U	11 U	12 U	2.6 U
BARIUM	35	140	57	21 U	30	47.7
BERYLLIUM	1 U	1.2 U	1.2 U	1.1 U	1.2 U	0.3
CADMIUM	1 U	1.2 U	1.2 U	1.1 U	1.2 U	0.5
CALCIUM	2600	1900	1700	2100	1500	3550
CHROMIUM	22	63	37	22	29	3.6
COBALT	5.2 U	6 U	5.8 U	5.4 U	5.8 U	5.8
COPPER	9.2	17	8.6	11	6.7	59.6
IRON	6230	15400	10800	6920	8560	26600
LEAD	5.2 U	6 U	5.8 U	5.4 U	5.8 U	5.4 U
MAGNESIUM	1900	3900	3000	2100	1800	3310
MANGANESE	93	93	100	88	120	702
MERCURY						
MOLYBDENUM	5.2 U	6 U	5.8 U	5.4 U	5.8 U	1.1 U
NICKEL	21	55	36	22	23	2.6
POTASSIUM	540	620	710	620	580 U	270
SELENIUM	10 U	12 U	12 U	11 U	12 U	4.5 U
SILVER	5.2 U	6 U	5.8 U	5.4 U	5.8 U	0.6 U
SODIUM	520 U	800	580 U	540 U	580 U	270
THALLIUM	10 U	12 U	12 U	11 U	12 U	2.8 U
TITANIUM	330	440	430	360	300	632
VANADIUM	16	29	22	17	22	27.6
ZINC	18	37	26	19	14	95.8

Notes:

MG/KG Milligrams per kilogram

MG/KG-DRY Milligrams per kilogram-dry weight

UG/L Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-2	MWOR-2	MWOR-2	MWOR-3	MWOR-3
Sample Code	MWOR-2 [11.0-11.5]	MWOR-2 [13.0-13.5]	MWOR-2 [4.0-4.5]	MWOR-2 [8.0-8.5]	MWOR-3 [11.0-11.5]	MWOR-3 [13.0-13.5]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	11 - 11.5	13 - 13.5	4 - 4.5	8 - 8.5	11 - 11.5	13 - 13.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	94.1	8020	3080	3760	11600	7790
ANTIMONY	2.9 U	2.4 U	2.2 U	2.4 U	2.4 U	2.4 U
ARSENIC	6.1	2.9 U	2.6	2.9 U	5.7	3.1
BARIUM	47.6	71.8	17.6	19.3	60	58.6
BERYLLIUM	0.3	0.2 U	0.2 U	0.2 U	0.3	0.2
CADMIUM	0.4	0.4	0.2	0.4	0.5	0.5
CALCIUM	2370	2060	1550	1840	2110	1880
CHROMIUM	45.8	39.3	27.2	25.2	55.3	37.5
COBALT	9.9	7	3.6	3.9	7	7.6
COPPER	92	15.4	12.2	8.5	13.4	10.6
IRON	18800	13600	6160	6940	19200	14800
LEAD	8.6	6.1 U	5.4 U	6 U	6 U	7.6
MAGNESIUM	5790	3540	1860	2110	3800	3660
MANGANESE	274	134	69.5	80.1	166	210
MERCURY						
MOLYBDENUM	1.4 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
NICKEL	54.2	44.3	20.9	21.6	61	55.6
POTASSIUM	1800	1300	410	510	800	680
SELENIUM	6 U	5.1 U	4.6 U	5 U	5 U	5 U
SILVER	0.9 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
SODIUM	2550	1350	102	121	1090	755
THALLIUM	3.7 U	3.2 U	2.8 U	3.1 U	3.1 U	3.1 U
TITANIUM	291	453	276	328	554	376
VANADIUM	30.2	22.7	13.1	14.4	33.3	23.7
ZINC	91.7	34.9	22.5	22.2	35.7	32.1

Notes:

MG/KG Milligrams per kilogram

MG/KG-DRY Milligrams per kilogram-dry weight

UG/L Micrograms per liter

TABLE E-47:. SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-3	MWOR-3	MWOR-3	MWOR-4	MWOR-4	MWOR-4
Sample Code	MWOR-3 [2.0-2.5]	MWOR-3 [4.0-4.5]	MWOR-3 [8.0-8.5]	MWOR-4 [1.5-2.0]	MWOR-4 [10.5-11.0]	MWOR-4 [14.5-15.0]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/19/1990	7/19/1990	7/19/1990
Sampling Depth (feet bgs)	2 - 2.5	4 - 4.5	8 - 8.5	1.5 - 2	10.5 - 11	14.5 - 15
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ALUMINUM	3580	3560	5670	4130	6620	7870
ANTIMONY	2.1 U	2.4 U	2.3 U	2.2 U	2.4 U	3.9
ARSENIC	2.5 U	2.9 U	2.8 U	4.5	2.8 U	5.6
BARIUM	18.9	22.1	42	84.7	58.7	63.7
BERYLLIUM	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.3 U
CADMIUM	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3
CALCIUM	2190	1730	1880	1500	1560	2490
CHROMIUM	27.7	23	31.8	23.2	33.7	44.3
COBALT	4	4.8	3.6	3.5	6.2	6.8
COPPER	8.1	10.5	8.5	13	10.1	15.1
IRON	6910	6840	7560	7440	10800	13200
LEAD	5.2 U	6 U	5.7 U	8.1	7.9	6.5
MAGNESIUM	2010	2200	2140	1490	2730	3440
MANGANESE	79.9	78.2	107	227	130	178
MERCURY						
MOLYBDENUM	1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.3 U
NICKEL	21.6	24	22.6	16	39.4	45.7
POTASSIUM	480	620	410	680	520	860
SELENIUM	4.4 U	5.1 U	4.8 U	4.5 U	4.9 U	5.3 U
SILVER	0.6 U	0.7 U	0.7 U	0.6 U	0.7 U	0.8 U
SODIUM	129	178	766	152	219	213
THALLIUM	2.7 U	3.1 U	3 U	2.8 U	3.1 U	3.3 U
TITANIUM	339	278	403	264	220	542
VANADIUM	15.3	13.8	15.7	15.7	19.4	25.1
ZINC	22.7	30.2	24.4	25.9	29.8	36.2

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-47: SITE 13 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-4	MWOR-4
Sample Code	MWOR-4 [3.0-3.5]	MWOR-4 [7.0-7.5]
Sampling Date	7/19/1990	7/19/1990
Sampling Depth (feet bgs)	3 - 3.5	7 - 7.5
Units	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991
Analyte		
ALUMINUM	8790	17000
ANTIMONY	2.3 U	2.7
ARSENIC	3	3.3
BARIUM	61 4	128
BERYLLIUM	0 2 U	0 3
CADMIUM	0 3	0 3 U
CALCIUM	1230	3150
CHROMIUM	23 3	75
COBALT	3 6	2 7
COPPER	16	13
IRON	7080	13200
LEAD	10	15.2
MAGNESIUM	1390	2940
MANGANESE	195	105
MERCURY		
MOLYBDENUM	1.1 U	1.3 U
NICKEL	17.7	46.5
POTASSIUM	640	550
SELENIUM	4.7 U	5.3 U
SILVER	0.7 U	0.8 U
SODIUM	144	346
THALLIUM	2.9 U	3.3 U
TITANIUM	260	139
VANADIUM	15.8	1780
ZINC	23.8	31.9

Notes:

MG/KG	Milligrams per kilogram
MG/KG-DRY	Milligrams per kilogram-dry weight
UG/L	Micrograms per liter

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-13	B-16	B-12
Sample Code	18591-1	18591-3	18591-4	18591-5	18591-6	18591-7	18591-8	18606-1	18606-2	18606-3	18607-1
Sampling Date	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989
Sampling Depth (feet bgs)	5.5 -	5 -	5.5 -	4.5 -	4.5 -	5.5 -	4.5 -	3.5 -	3 -	5 -	5 -
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0
Analyte											
BENZENE											
DIESEL RANGE ORGANICS	10 U	10 U	10 U	76000 J	10 U	10 U	10 U	10 U	65 J	10 U	55 J
ETHYLBENZENE											
GASOLINE RANGE ORGANICS	10 U	10 U	10 U	16000 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
JET FUEL	300 J	10 U	5100 J	1000 U	10 U	10 U	10 U				10 U
JP5 RANGE ORGANICS											
KEROSENE RANGE ORGANICS								10 U	10 U	10 U	
MOTOR OIL RANGE ORGANICS											
OTHER HEAVY TPH COMPONENTS											
OTHER TPH COMPONENTS, TOTAL	10 U	10 U	10 U	1000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
OTHER TPH COMPONENTS, TOTAL											
TOLUENE											
XYLENE (TOTAL)											

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-14	B-14	B-15	B-17	B13-28	B13-28	B13-28	B13-29	B13-29	B13-29
Sample Code	18607-2	18607-4	18607-5	18607-6	280-S13-001	280-S13-002	280-S13-003	280-S13-004	280-S13-006	280-S13-007
Sampling Date	11/1/1989	11/1/1989	11/1/1989	11/1/1989	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994
Sampling Depth (feet bgs)	4 -	15 -	5.5 -	5.5 -	1 - 2	2.5 - 3.5	5.5 - 6	1 - 1.5	2.5 - 3.5	5 - 5.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	IMF PH0	IMF PH0	IMF PH0	IMF PH0	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
BENZENE										
DIESEL RANGE ORGANICS	490	860 J	51	10 U	230 U	12 U	60 U	1120 UJ	460 UJ	62 U
ETHYLBENZENE										
GASOLINE RANGE ORGANICS	100 U	860 J	10 U	10 U	0.57 U	760 J	9310 J	1710 J	3300 J	2750 J
JET FUEL	100 U	100 U	10 U	10 U						
JP5 RANGE ORGANICS					230 U	12 U	60 U	1120 UJ	460 UJ	62 U
KEROSENE RANGE ORGANICS										
MOTOR OIL RANGE ORGANICS					7400 J	43 J	1550 J	69200 J	27500 J	2170 J
OTHER HEAVY TPH COMPONENTS										
OTHER TPH COMPONENTS, TOTAL	100 U	100 U	10 U	10 U						
OTHER TPH COMPONENTS, TOTAL										
TOLUENE										
XYLENE (TOTAL)										

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-30	B13-30	B13-30	B13-31	B13-31	B13-31	B13-32	B13-32	B13-32
Sample Code	280-S13-008	280-S13-009	280-S13-010	280-S13-011	280-S13-012	280-S13-013	280-S13-015	280-S13-016	280-S13-017
Sampling Date	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	8/12/1994	8/12/1994	8/12/1994
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	5 - 5.5	1 - 2	2.5 - 3.5	4.5 - 5.5	.5 - 1.5	2 - 3	4 - 5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	5810 UJ	480 U	120 U	1160 UJ	120 U	12 U	13 U	12 U	2620 J
ETHYLBENZENE									
GASOLINE RANGE ORGANICS	320 J	780 J	810 J	8.8 J	140 J	160 J	0.63 U	8.9 J	300 J
JET FUEL									
JP5 RANGE ORGANICS	5810 UJ	480 U	120 U	1160 UJ	120 U	12 U	13 U	12 U	570 U
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS	297000 J	7550 J	6680 J	67200 J	3200 J	440 J	57 J	1240 J	1440 U
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-38	B13-38	B13-38	B13-38	B13-39	B13-39	B13-39	B13-39	B13-39	B13-40
Sample Code	ALA13B38-1	ALA13B38-2	ALA13B38-3	ALA13B38-4	ALA13B39-1	ALA13B39-2	ALA13B39-3	ALA13B39-4	ALA13B39-5	ALA13B40-1
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	0 - 1.5	4.5 - 5	10 - 10.5	15.5 - 16	3 - 3.5	8 - 8.5	11.5 - 12	14 - 14.5	16 - 16.5	.5 - 1
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
BENZENE										
DIESEL RANGE ORGANICS	11 UJ	12 UJ	12 UJ	12 UJ	11 UJ	12 UJ	17 UJ	15 UJ	12 UJ	12 UJ
ETHYLBENZENE										
GASOLINE RANGE ORGANICS										
JET FUEL										
JP5 RANGE ORGANICS										
KEROSENE RANGE ORGANICS										
MOTOR OIL RANGE ORGANICS	150 J	19 J	12 UJ	12 UJ	11 UJ	12 UJ	64 J	36 J	12 UJ	230 J
OTHER HEAVY TPH COMPONENTS										
OTHER TPH COMPONENTS, TOTAL										
OTHER TPH COMPONENTS, TOTAL										
TOLUENE										
XYLENE (TOTAL)										

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-40	B13-40	B13-40	B13-40	B13-41	B13-41	B13-41	B13-41	B13-41	B13-41
Sample Code	ALA13B40-2	ALA13B40-3	ALA13B40-4	ALA13B40-5	ALA13B41-1	ALA13B41-2	ALA13B41-3	ALA13B41-4	ALA13B41-5	ALA13B41-6
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	4.5 - 5	9.5 - 10	13 - 13.5	15.5 - 16	.5 - 1	4.5 - 5	7 - 7.5	8 - 8.5	8.5 - 9	9 - 9.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
BENZENE										
DIESEL RANGE ORGANICS	12 UJ	12 UJ	14 UJ	12 UJ	210 UJ	12 UJ	35000 J	2200 J	13 UJ	12000 J
ETHYLBENZENE										
GASOLINE RANGE ORGANICS										
JET FUEL										
JP5 RANGE ORGANICS										
KEROSENE RANGE ORGANICS										
MOTOR OIL RANGE ORGANICS	12 UJ	12 UJ	65 J	12 UJ	270 J	12 UJ	23000 J	1200 J	250 J	7800 J
OTHER HEAVY TPH COMPONENTS										
OTHER TPH COMPONENTS, TOTAL										
OTHER TPH COMPONENTS, TOTAL										
TOLUENE										
XYLENE (TOTAL)										

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-41	B13-41	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42
Sample Code	ALA13B41-7	ALA13B41-8	ALA13B42-1	ALA13B42-2	ALA13B42-3	ALA13B42-4	ALA13B42-5	ALA13B42-6	ALA13B42-7	ALA13B42-8
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	11 - 11.5	15 - 15.5	3 - 3.5	5.5 - 6	6.5 - 7	7.5 - 8	9.5 - 10	12.5 - 13	15.5 - 16	19.5 - 20
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
BENZENE										
DIESEL RANGE ORGANICS	12 UJ	12 UJ	12 UJ	4600 J	480 J	580 J	690 J	1000 J	28 J	11 J
ETHYLBENZENE										
GASOLINE RANGE ORGANICS										
JET FUEL										
JP5 RANGE ORGANICS										
KEROSENE RANGE ORGANICS										
MOTOR OIL RANGE ORGANICS	12 UJ	12 UJ	12 UJ	740 UJ	63 UJ	73 J	46 J	220 J	12 UJ	12 UJ
OTHER HEAVY TPH COMPONENTS										
OTHER TPH COMPONENTS, TOTAL										
OTHER TPH COMPONENTS, TOTAL										
TOLUENE										
XYLENE (TOTAL)										

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-43	B13-43	B13-43	B13-43	B13-44	B13-44	B13-44	B13-44	B13-44	B13-44
Sample Code	ALA13B43-1	ALA13B43-2	ALA13B43-3	ALA13B43-4	ALA13B44-1	ALA13B44-2	ALA13B44-3	ALA13B44-4	ALA13B44-5	ALA13B44-6
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994
Sampling Depth (feet bgs)	3.5 - 4	9.5 - 10	12 - 12.5	14.5 - 15	2 - 2.5	3.5 - 4	6 - 6.5	8.5 - 9	11.5 - 12	14.5 - 15
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
BENZENE										
DIESEL RANGE ORGANICS	12 UJ	380 J	450 J	12 UJ	11 U	110 U	12 U	2100 UJ	12 U	12 U
ETHYLBENZENE										
GASOLINE RANGE ORGANICS										
JET FUEL										
JP5 RANGE ORGANICS					5.4 UJ	56 UJ	5.8 UJ	1400 J	5.9 UJ	5.9 UJ
KEROSENE RANGE ORGANICS										
MOTOR OIL RANGE ORGANICS	12 UJ	87 J	70 J	12 UJ	150 J	5200 J	830 J	12 U	12 U	12 U
OTHER HEAVY TPH COMPONENTS										
OTHER TPH COMPONENTS, TOTAL										
OTHER TPH COMPONENTS, TOTAL										
TOLUENE										
XYLENE (TOTAL)										

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-44	EX13-002	EX13-003	EX13-004	EX13-006	EX13-007	EX13-008	EX13-009	EX13-007
Sample Code	ALA13B44-6D	137-S13-002	137-S13-003	137-S13-004	137-S13-006	137-S13-007	137-S13-008	137-S13-009	137-S13-010
Sampling Date	4/6/1994	10/8/1993	10/8/1993	10/8/1993	10/8/1993	10/8/1993	10/8/1993	10/8/1993	10/8/1993
Sampling Depth (feet bgs)	15 - 15.5	5 -	5 -	5 -	4 -	4 -	4 -	7 -	4 -
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	12 U	200	15	180	1600	91	410	7800	5800
ETHYLBENZENE									
GASOLINE RANGE ORGANICS		2.8 U	2.8 U	3.4 U	6.6	3.9 U	8.2	840	12
JET FUEL									
JP5 RANGE ORGANICS	5.8 UJ	11 U	11 U	14 U	260 U	15 U	250 U	2400 U	2200 U
KEROSENE RANGE ORGANICS		11 U	11 U	14 U	260 U	15 U	250 U	2400 U	2200 U
MOTOR OIL RANGE ORGANICS	12 U								
OTHER HEAVY TPH COMPONENTS		490 J	23 U	380	2100	130	430	3900	7400
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	EX13-020	EX13-021	EX13-022	EX13-023	EX13-024	M13-06	M13-06	M13-06	M13-07
Sample Code	137-S13-020	137-S13-021	137-S13-022	137-S13-023	137-S13-024	280-S13-018	280-S13-019	280-S13-020	280-S13-021
Sampling Date	10/19/1994	10/19/1994	10/19/1994	10/19/1994	10/19/1994	8/12/1994	8/12/1994	8/12/1994	8/12/1994
Sampling Depth (feet bgs)	7 -	5 -	5 -	5 -	5 -	0 - 1	2.5 - 3.5	4 - 5	0 - 1
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BENZENE	75 U	64 U	83 U	66 U	68 U				
DIESEL RANGE ORGANICS	1400 UJ	1300 UJ	1400 UJ	1400 UJ	1400 UJ	10 U	10 U	12 U	10 U
ETHYLBENZENE	75 U	64 U	83 U	66 U	68 U				
GASOLINE RANGE ORGANICS	1500 U	1300 U	1700 U	1300 U	1400 U	0.51 U	0.52 U	0.59 U	0.51 U
JET FUEL									
JP5 RANGE ORGANICS	1400 U	1300 U	1400 U	1400 U	1400 U	10 U	10 U	12 U	10 U
KEROSENE RANGE ORGANICS	1400 U	1300 U	1400 U	1400 U	1400 U				
MOTOR OIL RANGE ORGANICS	14000 UJ	13000 UJ	14000 UJ	14000 UJ	14000 UJ	25 U	26 U	30 U	25 U
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL	1500 J	2000 J	3300 J	1300 U	3800 J				
OTHER TPH COMPONENTS, TOTAL	770000 J	210000 J	230000 J	120000 J	220000 J				
TOLUENE	75 U	64 U	83 U	66 U	68 U				
XYLENE (TOTAL)	75 U	64 U	83 U	66 U	68 U				

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-07	M13-07	M13-07	M13-08	M13-08	M13-08	M13-09	M13-09	M13-09
Sample Code	280-S13-022	280-S13-023	280-S13-024	280-S13-025	280-S13-026	280-S13-027	280-S13-028	280-S13-029	280-S13-030
Sampling Date	8/12/1994	8/12/1994	8/12/1994	11/19/1994	11/19/1994	11/19/1994	11/19/1994	11/19/1994	11/19/1994
Sampling Depth (feet bgs)	1.5 - 2.5	2.5 - 3.5	4.5 - 5.5	1 - 2	2.5 - 3.5	5 - 6	1 - 2	2.5 - 3.5	5 - 6
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	10 U	12 U	13 U	11 U	12 U	12 U	11 U	12 U	
ETHYLBENZENE									
GASOLINE RANGE ORGANICS	0.52 U	0.6 U	0.64 U	0.56 U	0.6 U	0.59 U	0.57 U	0.6 U	220 J
JET FUEL									
JP5 RANGE ORGANICS	10 U	12 U	13 U	11 U	12 U	12 U	11 U	12 U	12 U
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS	26 U	30 U	32 U	22 U	38 J	24 U	83 J	430 J	530 J
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-06	M07C-06	M07C-06	M07C-09	M07C-09	M07C-09	BOR-14	BOR-14
Sample Code	280-S7C-017	280-S7C-018	280-S7C-019	280-S7C-095	280-S7C-096	280-S7C-097	BOR-14 [0.0-0.5]	BOR-14 [14.0-14.5]
Sampling Date	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	5/23/1990	5/23/1990
Sampling Depth (feet bgs)	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6	0 - 0.5	14 - 14.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	PH 1&2A 1991	PH 1&2A 1991
Analyte								
BENZENE								
DIESEL RANGE ORGANICS	55 U	56 U	12 U	11 U	11 U	14 U	11 U	13 U
ETHYLBENZENE								
GASOLINE RANGE ORGANICS	0.6 J	0.56 UJ	0.59 UJ	0.53 U	0.56 U	0.72 U		
JET FUEL								
JP5 RANGE ORGANICS	55 U	56 U	12 U	11 U	11 U	14 U		
KEROSENE RANGE ORGANICS								
MOTOR OIL RANGE ORGANICS	1470 J	990 J	130 J	310 J	110 J	26 U		
OTHER HEAVY TPH COMPONENTS								
OTHER TPH COMPONENTS, TOTAL								
OTHER TPH COMPONENTS, TOTAL								
TOLUENE								
XYLENE (TOTAL)								

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-14	BOR-14	CA13-11	CA13-11	CA13-12	CA13-12	CA13-13	CA13-13	CA13-14
Sample Code	BOR-14 [4.0-4.5]	BOR-14 [8.5-9.0]	030-CAP-205	030-CAP-206	030-CAP-207	030-CAP-208	030-CAP-209	030-CAP-210	030-CAP-211
Sampling Date	5/23/1990	5/23/1990	5/9/2000	5/9/2000	5/9/2000	5/9/2000	5/11/2000	5/11/2000	5/11/2000
Sampling Depth (feet bgs)	4 - 4.5	8.5 - 9	3 - 4	7 - 8	3 - 4	4.5 - 5.3	2.8 - 3.8	4.5 - 5.5	3 - 4
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	12 U	12 U	850	10 U	10 U	1100	10 U	390 J	10 U
ETHYLBENZENE									
GASOLINE RANGE ORGANICS			1300	40000 J	500 U	9100 J	500 UJ	500 U	500 U
JET FUEL									
JP5 RANGE ORGANICS			80	10 U	10 U	170	10 U	82 J	10 U
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS			10000	250 U	250 U	5700	250 U	2600 J	250 U
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	CA13-14	CA13-15	CA13-15	CA13-16	CA13-16	CA13-17	CA13-17	CA13-18	CA13-18
Sample Code	030-CAP-212	030-CAP-213	030-CAP-214	030-CAP-215	030-CAP-216	030-CAP-217	030-CAP-218	030-CAP-219	030-CAP-220
Sampling Date	5/11/2000	5/11/2000	5/11/2000	5/11/2000	5/11/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000
Sampling Depth (feet bgs)	7.5 - 8	4 - 5	3 - 4	1.5 - 2.5	4 - 5	3 - 3.5	4 - 4.5	3 - 3.5	4 - 4.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	10 U	1800	480	380	120	36000	18000	400 J	270 J
ETHYLBENZENE									
GASOLINE RANGE ORGANICS	500 U	22000	11000 J	500 U	500 UJ	2.9 J	200 J	1.1 U	1.2 U
JET FUEL									
JP5 RANGE ORGANICS	10 U	720	140	14	24				
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS	250 U	10000	6500	2300	2300	30000	23000	690	460
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	CA13-19	CA13-19	CA13-20	CA13-20	CA13-12	CA13-21	CA13-21	CA13-22	CA13-22
Sample Code	030-CAP-221	030-CAP-222	030-CAP-223	030-CAP-224	030-CAP-378	030-CAP-411	030-CAP-412	030-CAP-414	030-CAP-415
Sampling Date	6/14/2000	6/14/2000	6/14/2000	6/14/2000	5/9/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000
Sampling Depth (feet bgs)	3 - 3.5	4 - 4.5	3 - 3.5	6.5 - 7	4 - 4.5	3.5 - 4	5.5 - 6	4 - 4.5	7.5 - 8
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	1.1 U	33 J	20000	120	10 U	30000	7400	18000	13000
ETHYLBENZENE									
GASOLINE RANGE ORGANICS	1.1 U	1.2 U	2.5 J	26 J	500 U	1300 J	1400 J	83 J	27 J
JET FUEL									
JP5 RANGE ORGANICS					10 U				
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS	11 U	100	16000	120	250 U	27000	6100	20000	14000
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	CA13-23	CA13-23	CA13-24	CA13-24	CA13-25	CA13-25	CA13-26	CA13-26	030-S19-001
Sample Code	030-CAP-417	030-CAP-418	030-CAP-420	030-CAP-421	030-CAP-424	030-CAP-425	030-CAP-427	030-CAP-428	030-S19-001
Sampling Date	6/15/2000	6/15/2000	6/15/2000	6/15/2000	6/14/2000	6/14/2000	6/21/2000	6/21/2000	10/20/1998
Sampling Depth (feet bgs)	3.5 - 4	5 - 6.5	2.5 - 3	4 - 4.5	3.5 - 4	4.5 - 5	3.5 - 4.5	6.5 - 7	0 - 4.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	1200	3300	1.1 U	130	4.7 J	11 J	280 J	210 J	11 U
ETHYLBENZENE									
GASOLINE RANGE ORGANICS	750 J	23 J	0.53 U	0.53 U	1.2 U	1.2 U	380 J	1100 J	0.56 U
JET FUEL									
JP5 RANGE ORGANICS									11 U
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS	920	3000	11 U	130	12 U	18	11 U	22 U	11 U
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	030-S19-002	030-S19-003	EX13-002	EX13-003	EX13-004	EX13-006	EX13-007	EX13-008
Sample Code	030-S19-002	030-S19-003	137-S13-002	137-S13-003	137-S13-004	137-S13-006	137-S13-007	137-S13-008
Sampling Date	10/21/1998	10/21/1998	10/8/1993	10/8/1993	10/8/1993	10/8/1993	10/8/1993	10/8/1993
Sampling Depth (feet bgs)	0 - 3	0 - 4	5 -	5 -	5 -	4 -	4 -	4 -
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	TPH	TPH	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte								
BENZENE								
DIESEL RANGE ORGANICS	110 U	110 U	200	15	180	1600	91	410
ETHYLBENZENE								
GASOLINE RANGE ORGANICS	0 55 U	0 57 U	2 8 U	2 8 U	3 4 U	6.6	3.9 U	8.2
JET FUEL								
JP5 RANGE ORGANICS	110 U	110 U	11 U	11 U	14 U	260 U	15 U	250 U
KEROSENE RANGE ORGANICS			11 U	11 U	14 U	260 U	15 U	250 U
MOTOR OIL RANGE ORGANICS	570 J	360						
OTHER HEAVY TPH COMPONENTS			490 J	23 U	380	2100	130	430
OTHER TPH COMPONENTS, TOTAL								
OTHER TPH COMPONENTS, TOTAL								
TOLUENE								
XYLENE (TOTAL)								

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	EX13-009	EX13-007	EX13-020	EX13-021	EX13-022	EX13-023	EX13-024	B-4	B-5	B-6
Sample Code	137-S13-009	137-S13-010	137-S13-020	137-S13-021	137-S13-022	137-S13-023	137-S13-024	18591-1	18591-3	18591-4
Sampling Date	10/8/1993	10/8/1993	10/19/1994	10/19/1994	10/19/1994	10/19/1994	10/19/1994	10/31/1989	10/31/1989	10/31/1989
Sampling Depth (feet bgs)	7 -	4 -	7 -	5 -	5 -	5 -	5 -	5.5 -	5 -	5.5 -
Units	MG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
Investigation	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF PH0	IMF PH0	IMF PH0
Analyte										
BENZENE			75 U	64 U	83 U	66 U	68 U			
DIESEL RANGE ORGANICS	7800	5800	1400 UJ	1300 UJ	1400 UJ	1400 UJ	1400 UJ	10 U	10 U	10 U
ETHYLBENZENE			75 U	64 U	83 U	66 U	68 U			
GASOLINE RANGE ORGANICS	840	12	1500 U	1300 U	1700 U	1300 U	1400 U	10 U	10 U	10 U
JET FUEL								300 J	10 U	5100 J
JP5 RANGE ORGANICS	2400 U	2200 U	1400 U	1300 U	1400 U	1400 U	1400 U			
KEROSENE RANGE ORGANICS	2400 U	2200 U	1400 U	1300 U	1400 U	1400 U	1400 U			
MOTOR OIL RANGE ORGANICS			14000 UJ	13000 UJ	14000 UJ	14000 UJ	14000 UJ			
OTHER HEAVY TPH COMPONENTS	3900	7400								
OTHER TPH COMPONENTS, TOTAL			1500 J	2000 J	3300 J	1300 U	3800 J			
OTHER TPH COMPONENTS, TOTAL			770000 J	210000 J	230000 J	120000 J	220000 J	10 U	10 U	10 U
TOLUENE			75 U	64 U	83 U	66 U	68 U			
XYLENE (TOTAL)			75 U	64 U	83 U	66 U	68 U			

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-7	B-8	B-9	B-10	B-11	B-13	B-16	B-12	B-14	B-14	B-15	B-17
Sample Code	18591-5	18591-6	18591-7	18591-8	18606-1	18606-2	18606-3	18607-1	18607-2	18607-4	18607-5	18607-6
Sampling Date	10/31/1989	10/31/1989	10/31/1989	10/31/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989
Sampling Depth (feet bgs)	4.5 -	4.5 -	5.5 -	4.5 -	3.5 -	3 -	5 -	5 -	4 -	15 -	5.5 -	5.5 -
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0
Analyte												
BENZENE												
DIESEL RANGE ORGANICS	76000 J	10 U	10 U	10 U	10 U	65 J	10 U	55 J	490	860 J	51	10 U
ETHYLBENZENE												
GASOLINE RANGE ORGANICS	16000 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	860 J	10 U	10 U
JET FUEL	1000 U	10 U	10 U	10 U				10 U	100 U	100 U	10 U	10 U
JP5 RANGE ORGANICS												
KEROSENE RANGE ORGANICS					10 U	10 U	10 U					
MOTOR OIL RANGE ORGANICS												
OTHER HEAVY TPH COMPONENTS												
OTHER TPH COMPONENTS, TOTAL												
OTHER TPH COMPONENTS, TOTAL	1000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	10 U	10 U
TOLUENE												
XYLENE (TOTAL)												

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-28	B13-28	B13-28	B13-29	B13-29	B13-29	B13-30	B13-30	B13-30
Sample Code	280-S13-001	280-S13-002	280-S13-003	280-S13-004	280-S13-006	280-S13-007	280-S13-008	280-S13-009	280-S13-010
Sampling Date	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	5.5 - 6	1 - 1.5	2.5 - 3.5	5 - 5.5	1 - 2	2.5 - 3.5	5 - 5.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	230 U	12 U	60 U	1120 UJ	460 UJ	62 U	5810 UJ	480 U	120 U
ETHYLBENZENE									
GASOLINE RANGE ORGANICS	0 57 U	760 J	9310 J	1710 J	3300 J	2750 J	320 J	780 J	810 J
JET FUEL									
JP5 RANGE ORGANICS	230 U	12 U	60 U	1120 UJ	460 UJ	62 U	5810 UJ	480 U	120 U
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS	7400 J	43 J	1550 J	69200 J	27500 J	2170 J	297000 J	7550 J	6680 J
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-31	B13-31	B13-31	B13-32	B13-32	B13-32	M13-06	M13-06	M13-06
Sample Code	280-S13-011	280-S13-012	280-S13-013	280-S13-015	280-S13-016	280-S13-017	280-S13-018	280-S13-019	280-S13-020
Sampling Date	12/9/1994	12/9/1994	12/9/1994	8/12/1994	8/12/1994	8/12/1994	8/12/1994	8/12/1994	8/12/1994
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	4.5 - 5.5	.5 - 1.5	2 - 3	4 - 5	0 - 1	2.5 - 3.5	4 - 5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	1160 UJ	120 U	12 U	13 U	12 U	2620 J	10 U	10 U	12 U
ETHYLBENZENE									
GASOLINE RANGE ORGANICS	8.8 J	140 J	160 J	0.63 U	8.9 J	300 J	0.51 U	0.52 U	0.59 U
JET FUEL									
JP5 RANGE ORGANICS	1160 UJ	120 U	12 U	13 U	12 U	570 U	10 U	10 U	12 U
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS	67200 J	3200 J	440 J	57 J	1240 J	1440 U	25 U	26 U	30 U
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-07	M13-07	M13-07	M13-07	M13-08	M13-08	M13-08	M13-09	M13-09
Sample Code	280-S13-021	280-S13-022	280-S13-023	280-S13-024	280-S13-025	280-S13-026	280-S13-027	280-S13-028	280-S13-029
Sampling Date	8/12/1994	8/12/1994	8/12/1994	8/12/1994	11/19/1994	11/19/1994	11/19/1994	11/19/1994	11/19/1994
Sampling Depth (feet bgs)	0 - 1	1.5 - 2.5	2.5 - 3.5	4.5 - 5.5	1 - 2	2.5 - 3.5	5 - 6	1 - 2	2.5 - 3.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	10 U	10 U	12 U	13 U	11 U	12 U	12 U	11 U	12 U
ETHYLBENZENE									
GASOLINE RANGE ORGANICS	0.51 U	0.52 U	0.6 U	0.64 U	0.56 U	0.6 U	0.59 U	0.57 U	0.6 U
JET FUEL									
JP5 RANGE ORGANICS	10 U	10 U	12 U	13 U	11 U	12 U	12 U	11 U	12 U
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS	25 U	26 U	30 U	32 U	22 U	38 J	24 U	83 J	430 J
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-09	M07C-06	M07C-06	M07C-06	M07C-09	M07C-09	M07C-09	B13-38	B13-38
Sample Code	280-S13-030	280-S7C-017	280-S7C-018	280-S7C-019	280-S7C-095	280-S7C-096	280-S7C-097	ALA13B38-1	ALA13B38-2
Sampling Date	11/19/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6	0 - 1.5	4.5 - 5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BENZENE									
DIESEL RANGE ORGANICS	220 J	0 6 J	0 58 UJ	0 59 UJ	0.53 U	0.56 U	0.72 U		
ETHYLBENZENE									
GASOLINE RANGE ORGANICS	12 U	55 U	56 U	12 U	11 U	11 U	14 U		
JET FUEL									
JP5 RANGE ORGANICS	530 J	1470 J	990 J	130 J	310 J	110 J	26 U	150 J	19 J
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS									
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-38	B13-38	B13-39	B13-39	B13-39	B13-39	B13-39	B13-40	B13-40	B13-40
Sample Code	ALA13B38-3	ALA13B38-4	ALA13B39-1	ALA13B39-2	ALA13B39-3	ALA13B39-4	ALA13B39-5	ALA13B40-1	ALA13B40-2	ALA13B40-3
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	10 - 10.5	15.5 - 16	3 - 3.5	8 - 8.5	11.5 - 12	14 - 14.5	16 - 16.5	.5 - 1	4.5 - 5	9.5 - 10
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
BENZENE										
DIESEL RANGE ORGANICS										
ETHYLBENZENE										
GASOLINE RANGE ORGANICS										
JET FUEL										
JP5 RANGE ORGANICS	12 UJ	12 UJ	11 UJ	12 UJ	64 J	36 J	12 UJ	230 J	12 UJ	12 UJ
KEROSENE RANGE ORGANICS										
MOTOR OIL RANGE ORGANICS										
OTHER HEAVY TPH COMPONENTS										
OTHER TPH COMPONENTS, TOTAL										
OTHER TPH COMPONENTS, TOTAL										
TOLUENE										
XYLENE (TOTAL)										

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-40	B13-40	B13-41	B13-41	B13-41	B13-41	B13-41	B13-41	B13-41	B13-41
Sample Code	ALA13B40-4	ALA13B40-5	ALA13B41-1	ALA13B41-2	ALA13B41-3	ALA13B41-4	ALA13B41-5	ALA13B41-6	ALA13B41-7	ALA13B41-8
Sampling Date	4/4/1994	4/4/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	13 - 13.5	15.5 - 16	.5 - 1	4.5 - 5	7 - 7.5	8 - 8.5	8.5 - 9	9 - 9.5	11 - 11.5	15 - 15.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
BENZENE										
DIESEL RANGE ORGANICS										
ETHYLBENZENE										
GASOLINE RANGE ORGANICS										
JET FUEL										
JP5 RANGE ORGANICS	65 J	12 UJ	270 J	12 UJ	23000 J	1200 J	250 J	7800 J	12 UJ	12 UJ
KEROSENE RANGE ORGANICS										
MOTOR OIL RANGE ORGANICS										
OTHER HEAVY TPH COMPONENTS										
OTHER TPH COMPONENTS, TOTAL										
OTHER TPH COMPONENTS, TOTAL										
TOLUENE										
XYLENE (TOTAL)										

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42	B13-43	B13-43
Sample Code	ALA13B42-1	ALA13B42-2	ALA13B42-3	ALA13B42-4	ALA13B42-5	ALA13B42-6	ALA13B42-7	ALA13B42-8	ALA13B43-1	ALA13B43-2
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	3 - 3.5	5.5 - 6	6.5 - 7	7.5 - 8	9.5 - 10	12.5 - 13	15.5 - 16	19.5 - 20	3.5 - 4	9.5 - 10
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
BENZENE										
DIESEL RANGE ORGANICS										
ETHYLBENZENE										
GASOLINE RANGE ORGANICS										
JET FUEL										
JP5 RANGE ORGANICS	12 UJ	740 UJ	63 UJ	73 J	46 J	220 J	12 UJ	12 UJ	12 UJ	87 J
KEROSENE RANGE ORGANICS										
MOTOR OIL RANGE ORGANICS										
OTHER HEAVY TPH COMPONENTS										
OTHER TPH COMPONENTS, TOTAL										
OTHER TPH COMPONENTS, TOTAL										
TOLUENE										
XYLENE (TOTAL)										

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-48: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-43	B13-43	B13-44	B13-44	B13-44	B13-44	B13-44	B13-44	B13-44
Sample Code	ALA13B43-3	ALA13B43-4	ALA13B44-1	ALA13B44-2	ALA13B44-3	ALA13B44-4	ALA13B44-5	ALA13B44-6	ALA13B44-6D
Sampling Date	4/5/1994	4/5/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994
Sampling Depth (feet bgs)	12 - 12.5	14.5 - 15	2 - 2.5	3.5 - 4	6 - 6.5	8.5 - 9	11.5 - 12	14.5 - 15	15 - 15.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
BENZENE									
DIESEL RANGE ORGANICS									
ETHYLBENZENE									
GASOLINE RANGE ORGANICS			5.4 UJ	56 UJ	5.8 UJ	1400 J	5.9 UJ	5.9 UJ	5.8 UJ
JET FUEL									
JP5 RANGE ORGANICS	70 J	12 UJ	150 J	5200 J	830 J	12 U	12 U	12 U	12 U
KEROSENE RANGE ORGANICS									
MOTOR OIL RANGE ORGANICS									
OTHER HEAVY TPH COMPONENTS									
OTHER TPH COMPONENTS, TOTAL									
OTHER TPH COMPONENTS, TOTAL									
TOLUENE									
XYLENE (TOTAL)									

Notes:

MG/KG Miligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-49: SITE 13 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-38	B13-38	B13-38	B13-38	B13-39	B13-39	B13-39	B13-39
Sample Code	ALA13B38-1	ALA13B38-2	ALA13B38-3	ALA13B38-4	ALA13B39-1	ALA13B39-2	ALA13B39-3	ALA13B39-4
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	0 - 1.5	4.5 - 5	10 - 10.5	15.5 - 16	3 - 3.5	8 - 8.5	11.5 - 12	14 - 14.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte								
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	310	17	2	1 U	7	4	58	69

Location	B13-39	B13-40	B13-40	B13-40	B13-40	B13-40	B13-41	B13-41
Sample Code	ALA13B39-5	ALA13B40-1	ALA13B40-2	ALA13B40-3	ALA13B40-4	ALA13B40-5	ALA13B41-1	ALA13B41-2
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	16 - 16.5	.5 - 1	4.5 - 5	9.5 - 10	13 - 13.5	15.5 - 16	.5 - 1	4.5 - 5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte								
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1 U	520	1 U	3	200	1 U	1700	1 U

Location	B13-41	B13-41	B13-41	B13-41	B13-41	B13-41	B13-42	B13-42
Sample Code	ALA13B41-3	ALA13B41-4	ALA13B41-5	ALA13B41-6	ALA13B41-7	ALA13B41-8	ALA13B42-1	ALA13B42-2
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	7 - 7.5	8 - 8.5	8.5 - 9	9 - 9.5	11 - 11.5	15 - 15.5	3 - 3.5	5.5 - 6
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte								
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	170000	24000	410	38000	2	1 U	1 U	26000

Location	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42	B13-43	B13-43
Sample Code	ALA13B42-3	ALA13B42-4	ALA13B42-5	ALA13B42-6	ALA13B42-7	ALA13B42-8	ALA13B43-1	ALA13B43-2
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	6.5 - 7	7.5 - 8	9.5 - 10	12.5 - 13	15.5 - 16	19.5 - 20	3.5 - 4	9.5 - 10
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte								
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	590	2100	2600	9300	110	5	1 U	310

Notes:

MG/KG Miligrams per kilogram

TABLE E-49: SITE 13 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-43	B13-43	B13-44	B13-44	B13-44	B13-44
Sample Code	ALA13B43-3	ALA13B43-4	ALA13B44-1	ALA13B44-2	ALA13B44-3	ALA13B44-4
Sampling Date	4/5/1994	4/5/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994
Sampling Depth (feet bgs)	12 - 12.5	14.5 - 15	2 - 2.5	3.5 - 4	6 - 6.5	8.5 - 9
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1100	1 U	47	3700	170	1500

Location	B13-44	B13-44	B13-44	BOR-6	BOR-6	BOR-6
Sample Code	ALA13B44-5	ALA13B44-6	ALA13B44-6D	BOR-6 [11.5-12.0]	BOR-6 [14.5-15.0]	BOR-6 [6.0-6.5]
Sampling Date	4/6/1994	4/6/1994	4/6/1994	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	11.5 - 12	14.5 - 15	15 - 15.5	11.5 - 12	14.5 - 15	6 - 6.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1 U	1 U	1 U	1.9 U	2 U	1.9 U

Location	BOR-6	BOR-7	BOR-7	BOR-7	BOR-7	BOR-8
Sample Code	BOR-6 [8.5-9.0]	BOR-7 [14.5-15.0]	BOR-7 [2.0-2.5]	BOR-7 [3.5-4.0]	BOR-7 [9.0-9.5]	BOR-8 [11.0-11.5]
Sampling Date	7/5/1990	7/10/1990	7/5/1990	7/10/1990	7/10/1990	7/16/1990
Sampling Depth (feet bgs)	8.5 - 9	14.5 - 15	2 - 2.5	3.5 - 4	9 - 9.5	11 - 11.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	2 U	2 U	168	1.8 U	2 U	57.9

Location	BOR-8	BOR-8	BOR-8	BOR-9	BOR-9	BOR-9
Sample Code	BOR-8 [14.0-14.5]	BOR-8 [4.0-4.5]	BOR-8 [7.0-7.5]	BOR-9 [11.0-11.5]	BOR-9 [14.0-14.5]	BOR-9 [2.0-2.5]
Sampling Date	7/16/1990	7/16/1990	7/16/1990	7/23/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	14 - 14.5	4 - 4.5	7 - 7.5	11 - 11.5	14 - 14.5	2 - 2.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.9 U	1.8 U	2 U	2500	2370	26.8

Notes:

MG/KG Miligrams per kilogram

TABLE E-49: SITE 13 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-9	BOR-10	BOR-10	BOR-10	BOR-10
Sample Code	BOR-9 [6.5-7.0]	BOR-10 [11.0-11.5]	BOR-10 [14.0-14.5]	BOR-10 [3.5-4.0]	BOR-10 [7.0-7.5]
Sampling Date	7/23/1990	7/12/1990	7/12/1990	7/12/1990	7/12/1990
Sampling Depth (feet bgs)	6.5 - 7	11 - 11.5	14 - 14.5	3.5 - 4	7 - 7.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	4360	17.2	2 U	1.7 U	2 U

Location	BOR-11	BOR-11	BOR-11	BOR-11	BOR-13
Sample Code	BOR-11 [11.0-11.5]	BOR-11 [14.0-14.5]	BOR-11 [2.5-3.0]	BOR-11 [6.5-7.0]	BOR-13 [11.0-11.5]
Sampling Date	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/3/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	2.5 - 3	6.5 - 7	11 - 11.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	22.4	2 U	3.5	1.9 U	1.9 U

Location	BOR-13	BOR-13	BOR-13	BOR-15	BOR-15
Sample Code	BOR-13 [14.0-14.5]	BOR-13 [2.0-2.5]	BOR-13 [6.5-7.0]	BOR-15 [11.0-11.5]	BOR-15 [14.0-14.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	14 - 14.5	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	2 U	3.2	91.8	253	3.6

Location	BOR-15	BOR-15	BOR-16	BOR-16	BOR-16
Sample Code	BOR-15 [2.0-2.5]	BOR-15 [6.5-7.0]	BOR-16 [11.0-11.5]	BOR-16 [14.0-14.5]	BOR-16 [2.0-2.5]
Sampling Date	7/18/1990	7/18/1990	7/23/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	2 - 2.5	6.5 - 7	11 - 11.5	14 - 14.5	2 - 2.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	4690	9.6	1.9 U	2 U	56.2

Notes:

MG/KG Milligrams per kilogram

TABLE E-49: SITE 13 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

(Page 4 of 5)

Location	BOR-16	BOR-17	BOR-17	BOR-17	BOR-17	BOR-17
Sample Code	BOR-16 [6.5-7.0]	BOR-17 [10.0-10.5]	BOR-17 [11.5-12.0]	BOR-17 [2.5-3.0]	BOR-17 [7.0-7.5]	BOR-17R [10.5-11.0]
Sampling Date	7/23/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	6.5 - 7	10 - 10.5	11.5 - 12	2.5 - 3	7 - 7.5	10.5 - 11
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.9 U	1970	257	1480	227	1430

Location	BOR-18	BOR-18	BOR-18	BOR-18	BOR-19	BOR-19
Sample Code	11.5]	BOR-18 [14.0-14.5]	BOR-18 [3.5-4.0]	BOR-18 [7.0-7.5]	11.5]	BOR-19 [14.0-14.5]
Sampling Date	7/23/1990	7/23/1990	7/23/1990	7/23/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	3.5 - 4	7 - 7.5	11 - 11.5	14 - 14.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	2 U	2 U	3.2	1.9 U	3660	1.9 U

Location	BOR-19	BOR-19	BOR-21	BOR-21	BOR-21	BOR-21
Sample Code	BOR-19 [2.5-3.0]	BOR-19 [7.0-7.5]	BOR-21 [11.5-12.0]	14.5]	BOR-21 [2.5-3.0]	BOR-21 [7.0-7.5]
Sampling Date	7/18/1990	7/18/1990	7/19/1990	7/18/1990	7/18/1990	7/19/1990
Sampling Depth (feet bgs)	2.5 - 3	7 - 7.5	11.5 - 12	14 - 14.5	2.5 - 3	7 - 7.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	175	2 U	46.8	2 U	2.6	8.6

Location	BOR-24	BOR-24	BOR-24	BOR-24	B-IMF-02	B-IMF-03
Sample Code	11.5]	BOR-24 [14.0-14.5]	BOR-24 [2.5-3.0]	BOR-24 [7.0-7.5]	IMF-02-04	IMF-03-04
Sampling Date	7/18/1990	7/18/1990	7/18/1990	7/18/1990	7/18/1991	7/18/1991
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	2.5 - 3	7 - 7.5	4 - 4.5	4 - 4.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	UG/G-DRY	UG/G-DRY
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	IMF RA	IMF RA
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.9 U	2 U	1.8 U	1.9 U	34100	1470

Notes:

MG/KG Milligrams per kilogram

TABLE E-49: SITE 13 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-IMF-04	B-IMF-05	B-IMF-06	MWOR-1	MWOR-1	MWOR-1
Sample Code	IMF-04-06	IMF-05-00	IMF-06-04	MWOR-1 [11.5-12.0]	MWOR-1 [14.5-15.0]	MWOR-1 [2.5-3.0]
Sampling Date	7/18/1991	7/19/1991	7/19/1991	7/16/1990	7/16/1990	7/16/1990
Sampling Depth (feet bgs)	6 - 6.5	0 - 0.5	4 - 4.5	11.5 - 12	14.5 - 15	2.5 - 3
Units	UG/G-DRY	UG/G-DRY	UG/G-DRY	MG/KG	MG/KG	MG/KG
Investigation	IMF RA	IMF RA	IMF RA	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	37.8	4230	71200	1.9 U	1.9 U	11.5

Location	MWOR-1	MWOR-2	MWOR-2	MWOR-2	MWOR-2	MWOR-3
Sample Code	[7.0-7.5]	[10.0-10.5]	[12.0-12.5]	MWOR-2 [2.5-3.0]	MWOR-2 [7.0-7.5]	10.5]
Sampling Date	7/16/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990	7/17/1990
Sampling Depth (feet bgs)	7 - 7.5	10 - 10.5	12 - 12.5	2.5 - 3	7 - 7.5	10 - 10.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	1991	1991	1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.9 U	2 U	6.4	1.8 U	2 U	15.8

Location	MWOR-3	MWOR-3	MWOR-3	MWOR-4	MWOR-4	MWOR-4
Sample Code	[11.5-12.0]	[2.5-3.0]	[7.0-7.5]	MWOR-4 [10.0-10.5]	MWOR-4 [14.0-14.5]	MWOR-4 [2.5-3.0]
Sampling Date	7/17/1990	7/17/1990	7/17/1990	7/18/1990	7/18/1990	7/18/1990
Sampling Depth (feet bgs)	11.5 - 12	2.5 - 3	7 - 7.5	10 - 10.5	14 - 14.5	2.5 - 3
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	1991	1991	1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.9 U	1.7 U	2.4	2 U	1.9 U	149

Location	MWOR-4
Sample Code	[6.5-7.0]
Sampling Date	7/18/1990
Sampling Depth (feet bgs)	6.5 - 7
Units	MG/KG
Investigation	1991
Analyte	
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.9 U

Notes:

MG/KG Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-13	B-15	B-16
Sample Code	18591-1	18591-3	18591-4	18591-5	18591-6	18591-7	18591-8	18606-1	18606-2	18620-1	18606-3
Sampling Date	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	10/31/1989	11/1/1989	11/1/1989	11/1/1989	11/1/1989
Sampling Depth (feet bgs)	5.5 -	5 -	5.5 -	4.5 -	4.5 -	5.5 -	4.5 -	3.5 -	3 -	5.5 -	5 -
Units*											
Investigation	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0	IMF PH0
Analyte											
AMMONIA											
CATION EXCHANGE CAPACITY											
CHLORIDE											
CYANIDE											
IGNITABILITY											
NITRATE											
PERCENT MOISTURE, %MST											
PH, UNITS	8.7	8.2	8.7	1.6	7	8.3	7.9	9.2	8.8	10.7	8
PHOSPHATE											
PHOSPHORUS											
SULFATE											
SULFIDE											
TOTAL KJELDAHL NITROGEN											
TOTAL ORGANIC CARBON, MG/KG											

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-28	B13-28	B13-28	B13-29	B13-29	B13-29	B13-30	B13-30	B13-30
Sample Code	280-S13-001	280-S13-002	280-S13-003	280-S13-004	280-S13-006	280-S13-007	280-S13-008	280-S13-009	280-S13-010
Sampling Date	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994	12/9/1994
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	5.5 - 6	1 - 1.5	2.5 - 3.5	5 - 5.5	1 - 2	2.5 - 3.5	5 - 5.5
Units*	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY									
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE, %MST	11.9	15.7	17	10.8	14.1	20.5	14	16.1	17.5
PH, UNITS	7.4	7.7	7.6	6.3	7.5	8	7.5	4.5	6.7
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN									
TOTAL ORGANIC CARBON, MG/KG									

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-31	B13-31	B13-31	B13-32	B13-32	B13-32	B13-38	B13-38	B13-38
Sample Code	280-S13-011	280-S13-012	280-S13-013	280-S13-015	280-S13-016	280-S13-017	ALA13B38-1	ALA13B38-2	ALA13B38-3
Sampling Date	12/9/1994	12/9/1994	12/9/1994	8/12/1994	8/12/1994	8/12/1994	4/4/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	4.5 - 5.5	.5 - 1.5	2 - 3	4 - 5	0 - 1.5	4.5 - 5	10 - 10.5
Units*	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST	ME/100G
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY									17.1
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE, %MST	14	14.5	18.2	21.5	13.8	13.3	5.89	16.8	16.3
PH, UNITS	2.2	6.3	7.4	7.1	8.2	8	8.6	7.1	8.2
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN							90.4 J	609 J	116 J
TOTAL ORGANIC CARBON, MG/KG									

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-38	B13-39	B13-39	B13-39	B13-39	B13-39	B13-40	B13-40	B13-40
Sample Code	ALA13B38-4	ALA13B39-1	ALA13B39-2	ALA13B39-3	ALA13B39-4	ALA13B39-5	ALA13B40-1	ALA13B40-2	ALA13B40-3
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	15.5 - 16	3 - 3.5	8 - 8.5	11.5 - 12	14 - 14.5	16 - 16.5	.5 - 1	4.5 - 5	9.5 - 10
Units*	%MST	%MST	%MST	%MST	%MST	%MST	%MST	ME/100G	%MST
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY								4.7	
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE, %MST	16	8.07	16.1	42.5	32.7	16.1	17.7	16.4	15.8
PH, UNITS	8.5	8.8	8.8	8.7	8.8	8.7	8.9	9.3	9.1
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN	89 J	37.4 J	97.1 J	1100 J	389 J	76.2 J	124 J	23.3 J	91.8 J
TOTAL ORGANIC CARBON, MG/KG									

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-40	B13-40	B13-41	B13-41	B13-41	B13-41	B13-41	B13-41	B13-41
Sample Code	ALA13B40-4	ALA13B40-5	ALA13B41-1	ALA13B41-2	ALA13B41-3	ALA13B41-4	ALA13B41-5	ALA13B41-6	ALA13B41-7
Sampling Date	4/4/1994	4/4/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	13 - 13.5	15.5 - 16	.5 - 1	4.5 - 5	7 - 7.5	8 - 8.5	8.5 - 9	9 - 9.5	11 - 11.5
Units*	%MST	%MST	%MST	%MST	ME/100G	%MST	%MST	%MST	%MST
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY					2.7				
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE, %MST	27.4	15.9	3.74	13.8	19.1	16.6	21.5	26.8	16.6
PH, UNITS	8.9	8.7	8.7	8.1	1.1	9.3	8	2.8	6.1
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN	446 J	89.9 J	257 J	40.7 J	1790 J	43.9 J	209 J	2050 J	97.4 J
TOTAL ORGANIC CARBON, MG/KG									

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-41	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42	B13-42
Sample Code	ALA13B41-8	ALA13B42-1	ALA13B42-2	ALA13B42-3	ALA13B42-4	ALA13B42-5	ALA13B42-6	ALA13B42-7	ALA13B42-8
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	15 - 15.5	3 - 3.5	5.5 - 6	6.5 - 7	7.5 - 8	9.5 - 10	12.5 - 13	15.5 - 16	19.5 - 20
Units*	%MST	ME/100G	%MST	%MST	%MST	%MST	%MST	%MST	%MST
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY		4.9							
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE, %MST	15.2	16.3	15.9	20.7	16.4	14	15.7	14.4	17.5
PH, UNITS	6.2	8.5	7.4	6.3	6.8	7.2	7.8	8	7.6
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN	69.9 J	77.7 J	761 J	489 J	311 J	224 J	165 J	98.8 J	79.4 J
TOTAL ORGANIC CARBON, MG/KG									

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-43	B13-43	B13-43	B13-43	B13-44	B13-44	B13-44	B13-44	B13-44
Sample Code	ALA13B43-1	ALA13B43-2	ALA13B43-3	ALA13B43-4	ALA13B44-1	ALA13B44-2	ALA13B44-3	ALA13B44-4	ALA13B44-5
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994	4/6/1994
Sampling Depth (feet bgs)	3.5 - 4	9.5 - 10	12 - 12.5	14.5 - 15	2 - 2.5	3.5 - 4	6 - 6.5	8.5 - 9	11.5 - 12
Units*	%MST	ME/100G	%MST	%MST	%MST	%MST	ME/100G	%MST	%MST
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY		24.4					15.8		
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE, %MST	15.8	15.8	5.65	15.5	7.9	11.2	14.4	13.9	14.6
PH, UNITS	8.8	8	7.9	7.3	8.8	7.9	8.3	8.6	9
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN	50.1 J	169 J	113 J	68.8 J	88.6 J	933 J	812 J	246 J	126 J
TOTAL ORGANIC CARBON, MG/KG									

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-44	B13-44	B-IMF-01	B-IMF-01	B-IMF-01	B-IMF-01	B-IMF-01	B-IMF-01	B-IMF-01	B-IMF-01	B-IMF-02
Sample Code	ALA13B44-6	ALA13B44-6D	IMF-01-00	IMF-01-04	IMF-01-00	IMF-01-02	IMF-01-04	IMF-01-06	IMF-01-08	IMF-01-10	IMF-02-00
Sampling Date	4/6/1994	4/6/1994	12/5/1991	12/5/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	12/5/1991
Sampling Depth (feet bgs)	14.5 - 15	15 - 15.5	0 - 0.5	4 - 4.5	0 - 0.5	2 - 2.5	4 - 4.5	6 - 6.5	8 - 8.5	9.5 - 10	0 - 0.5
Units*	%MST	%MST	UNITS	UNITS	UNITS	%MST	UNITS	UNITS	%MST	%MST	UNITS
Investigation	FO 1994	FO 1994	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte											
AMMONIA											
CATION EXCHANGE CAPACITY											
CHLORIDE											
CYANIDE											
IGNITABILITY											
NITRATE											
PERCENT MOISTURE, %MST	14.4	14.2				34.8			19.2	16.7	
PH, UNITS	8.9	8.9	8.7	7.9	9	6	7.8	8.2	4	6.8	7.6
PHOSPHATE											
PHOSPHORUS											
SULFATE											
SULFIDE											
TOTAL KJELDAHL NITROGEN	118 J	134 J									
TOTAL ORGANIC CARBON, MG/KG											

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-IMF-02	B-IMF-02	B-IMF-02	B-IMF-02	B-IMF-02	B-IMF-03	B-IMF-03	B-IMF-03	B-IMF-03	B-IMF-03	B-IMF-03	B-IMF-03
Sample Code	IMF-02-00	IMF-02-02	IMF-02-04	IMF-02-06	IMF-02-08	IMF-03-00	IMF-03-00	IMF-03-02	IMF-03-04	IMF-03-06	IMF-03-08	IMF-03-10
Sampling Date	7/18/1991	7/18/1991	7/18/1991	7/18/1991	7/18/1991	12/5/1991	7/18/1991	7/18/1991	7/18/1991	7/18/1991	7/18/1991	7/18/1991
Sampling Depth (feet bgs)	0 - 0.5	2 - 2.5	4 - 4.5	6 - 6.5	8 - 8.3	0 - 0.5	0 - 0.5	2 - 2.5	4 - 4.5	6 - 6.5	8 - 8.5	10 - 10.5
Units*	UNITS	UNITS	%MST	%MST	%MST	UNITS	UNITS	UNITS	%MST	UNITS	%MST	%MST
Investigation	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte												
AMMONIA												
CATION EXCHANGE CAPACITY												
CHLORIDE												
CYANIDE												
IGNITABILITY												
NITRATE												
PERCENT MOISTURE, %MST			18.1	18.6	16.1				13.9		13	13.7
PH, UNITS	8.4	9	7.4	7.4	7.6	8.4	7.6	8.4	8.4	7.8	5.2	10
PHOSPHATE												
PHOSPHORUS												
SULFATE												
SULFIDE												
TOTAL KJELDAHL NITROGEN												
TOTAL ORGANIC CARBON, MG/KG												

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Milligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-IMF-04	B-IMF-04	B-IMF-04	B-IMF-04	B-IMF-04	B-IMF-04	B-IMF-04	B-IMF-05	B-IMF-05	B-IMF-05	B-IMF-05	B-IMF-05
Sample Code	IMF-04-00	IMF-04-04	IMF-04-00	IMF-04-04	IMF-04-06	IMF-04-08	IMF-04-10	IMF-05-00	IMF-05-00	IMF-05-00	IMF-05-02	IMF-05-04
Sampling Date	12/5/1991	12/5/1991	7/18/1991	7/18/1991	7/18/1991	7/18/1991	7/18/1991	12/5/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991
Sampling Depth (feet bgs)	0 - 0.5	4 - 4.5	0 - 0.5	4 - 4.5	6 - 6.5	8 - 8.5	9.5 - 10	0 - 0.5	0 - 0.5	0 - 0.5	2 - 2.5	4 - 4.5
Units*	UNITS	UNITS	UNITS	UNITS	%MST	%MST	UNITS	UNITS	%MST	UNITS	UNITS	UNITS
Investigation	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte												
AMMONIA												
CATION EXCHANGE CAPACITY												
CHLORIDE												
CYANIDE												
IGNITABILITY												
NITRATE												
PERCENT MOISTURE, %MST					24.2	37			0.6			
PH, UNITS	8.1	7.9	8.9	8.2	8.1	8.2	7.2	8.3		9	9.1	7.5
PHOSPHATE												
PHOSPHORUS												
SULFATE												
SULFIDE												
TOTAL KJELDAHL NITROGEN												
TOTAL ORGANIC CARBON, MG/KG												

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-IMF-05	B-IMF-05	B-IMF-05	B-IMF-06	B-IMF-06	B-IMF-06	B-IMF-06	B-IMF-06	B-IMF-06	B-IMF-06	B-IMF-06	B-IMF-06
Sample Code	IMF-05-06	IMF-05-08	IMF-05-10	IMF-06-00	IMF-06-04	IMF-06-00	IMF-06-02	IMF-06-04	IMF-06-04	IMF-06-06	IMF-06-08	IMF-06-10
Sampling Date	7/19/1991	7/19/1991	7/19/1991	12/5/1991	12/5/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991
Sampling Depth (feet bgs)	6 - 6.5	8 - 8.5	10 - 10.5	0 - 0.5	4 - 4.5	0 - 0.5	2 - 2.5	4 - 4.5	4 - 4.5	6 - 6.5	8 - 8.5	10 - 10.5
Units*	%MST	UNITS	UNITS	UNITS	UNITS	UNITS	UNITS	DEG-C	UNITS	UNITS	UNITS	%MST
Investigation	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte												
AMMONIA												
CATION EXCHANGE CAPACITY												
CHLORIDE												
CYANIDE												
IGNITABILITY								60 >				
NITRATE												
PERCENT MOISTURE, %MST	16.3							20.4				17
PH, UNITS	9.2	8.5	8.4	8.1	0.9	5.4	10.1		9	9.2	8.3	7
PHOSPHATE												
PHOSPHORUS												
SULFATE												
SULFIDE												
TOTAL KJELDAHL NITROGEN												
TOTAL ORGANIC CARBON, MG/KG												

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-IMF-07	B-IMF-07	B-IMF-07	B-IMF-07	B-IMF-07	B-IMF-07	B-IMF-07	B-IMF-07	B-IMF-08	B-IMF-08	B-IMF-08	B-IMF-08
Sample Code	IMF-07-00	B7-04	IMF-07-00	IMF-07-02	IMF-07-04	IMF-07-06	IMF-07-08	IMF-07-10	IMF-08-00	IMF-08-00	IMF-08-02	IMF-08-04
Sampling Date	12/5/1991	12/5/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	12/5/1991	7/19/1991	7/19/1991	7/19/1991
Sampling Depth (feet bgs)	0 - 0.5	4 - 4.5	0 - 0.5	2 - 2.5	4 - 4.5	6 - 6.5	8 - 8.5	10 - 10.5	0 - 0.5	0 - 0.5	2 - 2.5	4 - 4.5
Units*	UNITS	UNITS	UNITS	UNITS	UNITS	UNITS	%MST	DEG-C	UNITS	UNITS	UNITS	UNITS
Investigation	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA	IMF RA
Analyte												
AMMONIA												
CATION EXCHANGE CAPACITY												
CHLORIDE												
CYANIDE												
IGNITABILITY								60 >				
NITRATE												
PERCENT MOISTURE, %MST							20.6	19.5				
PH, UNITS	7.9	0.7	6.3	9.1	9.4	9.4	7.2	6.2	8	9.1	9.4	9.4
PHOSPHATE												
PHOSPHORUS												
SULFATE												
SULFIDE												
TOTAL KJELDAHL NITROGEN												
TOTAL ORGANIC CARBON, MG/KG												

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Milligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B-IMF-08	B-IMF-08	B-IMF-08	BOR-10	BOR-10	BOR-11	BOR-11	BOR-13
Sample Code	IMF-08-06	IMF-08-08	IMF-08-10	BOR-10 [1.0-1.5]	BOR-10 [4.0-4.5]	BOR-11 [3.5-4.0]	BOR-11 [4.0-4.5]	BOR-13 [1.0-1.5]
Sampling Date	7/19/1991	7/19/1991	7/19/1991	7/12/1990	7/12/1990	7/18/1990	7/18/1990	7/3/1990
Sampling Depth (feet bgs)	6 - 6.5	8 - 8.5	10 - 10.5	1 - 1.5	4 - 4.5	3.5 - 4	4 - 4.5	1 - 1.5
Units*	UNITS	UNITS	UNITS	MG/KG	UNITS	UNITS	MG/KG	MG/KG
Investigation	IMF RA	IMF RA	IMF RA	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte								
AMMONIA								
CATION EXCHANGE CAPACITY								
CHLORIDE				6.5			5.5	18.5
CYANIDE								
IGNITABILITY								-999
NITRATE				0.16 U			0.18	0.1 U
PERCENT MOISTURE, %MST								
PH, UNITS	8.2	8.7	7.5		9.9	9.1		
PHOSPHATE								
PHOSPHORUS				180			232	148
SULFATE				8.2			10.9	5
SULFIDE								
TOTAL KJELDAHL NITROGEN				72.8			146	78.4
TOTAL ORGANIC CARBON, MG/KG				316			416	434

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-13	BOR-14	BOR-14	BOR-14	BOR-14	BOR-14	BOR-14
Sample Code	BOR-13 [2.5-3.0]	BOR-14 [0.5-1.0]	BOR-14 [0.0-0.5]	BOR-14 [1.0-1.5]	BOR-14 [4.0-4.5]	BOR-14 [4.5-5.0]	BOR-14 [8.5-9.0]
Sampling Date	7/3/1990	5/23/1990	5/23/1990	5/23/1990	5/23/1990	5/23/1990	5/23/1990
Sampling Depth (feet bgs)	2.5 - 3	.5 - 1	0 - 0.5	1 - 1.5	4 - 4.5	4.5 - 5	8.5 - 9
Units*	UNITS	MG/KG	UNITS	MG/KG	UNITS	MG/KG	UNITS
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
AMMONIA				22 U		26 U	
CATION EXCHANGE CAPACITY							
CHLORIDE				1.1 U		1.3 U	
CYANIDE							
IGNITABILITY				100 U		100 U	
NITRATE				1.1 U		1.3 U	
PERCENT MOISTURE, %MST							
PH, UNITS	8.8		9		9		7.5
PHOSPHATE				1.1 U		1.3 U	
PHOSPHORUS							
SULFATE				1.5		4.3	
SULFIDE							
TOTAL KJELDAHL NITROGEN				350		250	
TOTAL ORGANIC CARBON, MG/KG		130				3000	

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Milligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-14	BOR-14	BOR-14	BOR-15	BOR-15	BOR-16	BOR-16
Sample Code	BOR-14 [9.0-9.5]	BOR-14 [14.0-14.5]	BOR-14 [14.5-15.0]	BOR-15 [2.5-3.0]	BOR-15 [4.0-4.5]	BOR-16 [2.5-3.0]	BOR-16 [3.5-4.0]
Sampling Date	5/23/1990	5/23/1990	5/23/1990	7/18/1990	7/18/1990	7/23/1990	7/23/1990
Sampling Depth (feet bgs)	9 - 9.5	14 - 14.5	14.5 - 15	2.5 - 3	4 - 4.5	2.5 - 3	3.5 - 4
Units*	MG/KG	UNITS	MG/KG	UNITS	MG/KG	UNITS	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
AMMONIA	25 U		24 U				
CATION EXCHANGE CAPACITY							
CHLORIDE	4 4		8 1		185		17.5
CYANIDE							
IGNITABILITY	100 U		100 U				
NITRATE	1 2 U		1 2 U		3.42		0.12 U
PERCENT MOISTURE, %MST							
PH, UNITS		7 5		8.7		6.2	
PHOSPHATE	1 2 U		1.2 U				
PHOSPHORUS					736		1300
SULFATE	6.6		6.7		28.2		45.2
SULFIDE							
TOTAL KJELDAHL NITROGEN	160		120		174		465
TOTAL ORGANIC CARBON, MG/KG	580		120		1140		4150

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-17	BOR-17	BOR-18	BOR-18	BOR-19	BOR-19	BOR-21
Sample Code	BOR-17 [4.0-4.5]	BOR-17 [5.0-5.5]	BOR-18 [2.5-3.0]	BOR-18 [4.0-4.5]	BOR-19 [3.5-4.0]	BOR-19 [4.0-4.5]	BOR-21 [3.0-3.5]
Sampling Date	7/17/1990	7/17/1990	7/23/1990	7/23/1990	7/18/1990	7/18/1990	7/19/1990
Sampling Depth (feet bgs)	4 - 4.5	5 - 5.5	2.5 - 3	4 - 4.5	3.5 - 4	4 - 4.5	3 - 3.5
Units*	UNITS	MG/KG	MG/KG	UNITS	UNITS	MG/KG	UNITS
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
AMMONIA							
CATION EXCHANGE CAPACITY							
CHLORIDE		3.8	11.3			16.4	
CYANIDE							
IGNITABILITY		999 U					
NITRATE		0.1 U	0.12			0.38	
PERCENT MOISTURE, %MST							
PH, UNITS	8.2			7	9.3		9.8
PHOSPHATE							
PHOSPHORUS		340	1030			571	
SULFATE		55.1	5			54.9	
SULFIDE							
TOTAL KJELDAHL NITROGEN		297	202			90	
TOTAL ORGANIC CARBON, MG/KG		3530	601			416	

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-21	BOR-24	BOR-24	BOR-6	BOR-6	BOR-7	BOR-7
Sample Code	BOR-21 [4.0-4.5]	BOR-24 [3.0-3.5]	BOR-24 [4.0-4.5]	BOR-6 [2.0-2.5]	BOR-6 [11.5-12.0]	BOR-7 [2.0-2.5]	BOR-7 [6.0-6.5]
Sampling Date	7/19/1990	7/19/1990	7/19/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	4 - 4.5	3 - 3.5	4 - 4.5	2 - 2.5	11.5 - 12	2 - 2.5	6 - 6.5
Units*	MG/KG	UNITS	MG/KG	MG/KG	UNITS	UNITS	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
AMMONIA							
CATION EXCHANGE CAPACITY							
CHLORIDE	6.6		5.8	5.6			15.6
CYANIDE							
IGNITABILITY				999 U			999 U
NITRATE	1.32		1.79	1.12			0.36
PERCENT MOISTURE, %MST							
PH, UNITS		8.6			7.4	9.5	
PHOSPHATE							
PHOSPHORUS	232		679	301			467
SULFATE	30.2		13.9	5.2 U			35.9
SULFIDE							
TOTAL KJELDAHL NITROGEN	101		207	78.4			218
TOTAL ORGANIC CARBON, MG/KG	364		416	364			505

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	BOR-8	BOR-8	BOR-8	BOR-9	BOR-9	EX13-020	EX13-021	EX13-022
Sample Code	BOR-8 [2.5-3.0]	BOR-8 [3.0-3.5]	BOR-8 [3.5-4.0]	BOR-9 [2.5-3.0]	BOR-9 [4.0-4.5]	137-S13-020	137-S13-021	137-S13-022
Sampling Date	7/16/1990	7/16/1990	7/16/1990	7/23/1990	7/23/1990	10/19/1994	10/19/1994	10/19/1994
Sampling Depth (feet bgs)	2.5 - 3	3 - 3.5	3.5 - 4	2.5 - 3	4 - 4.5	7 -	5 -	5 -
Units*	MG/KG	MG/KG	UNITS	UNITS	MG/KG	%MST	%MST	%MST
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	IMF RA	IMF RA	IMF RA
Analyte								
AMMONIA								
CATION EXCHANGE CAPACITY								
CHLORIDE	5 2	6 2			20.9			
CYANIDE								
IGNITABILITY	999 U	999 U			999 U			
NITRATE	0 16 U	0 16 U			0.12 U			
PERCENT MOISTURE, %MST						28	22	31
PH, UNITS			9 9	8.7		7.9	8	7.8
PHOSPHATE								
PHOSPHORUS	455	143			2000			
SULFATE	5.2 U	5.3 U			123			
SULFIDE								
TOTAL KJELDAHL NITROGEN	151	151			1270			
TOTAL ORGANIC CARBON, MG/KG	263	631			16800			

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	EX13-023	EX13-024	M07C-06	M07C-06	M07C-06	M07C-09	M07C-09	M07C-09	M13-06
Sample Code	137-S13-023	137-S13-024	280-S7C-017	280-S7C-018	280-S7C-019	280-S7C-095	280-S7C-096	280-S7C-097	280-S13-018
Sampling Date	10/19/1994	10/19/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/12/1994
Sampling Depth (feet bgs)	5 -	5 -	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6	0 - 1
Units*	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST
Investigation	IMF RA	IMF RA	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY									
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE, %MST	26	26	8.8	11.4	14.6	5.8	10	31.3	2.5
PH, UNITS		8.1	8.4 J	7.8 J	7.6 J	8.8	8.2	7.6	9.2
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN									
TOTAL ORGANIC CARBON, MG/KG									

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-06	M13-06	M13-07	M13-07	M13-07	M13-07	M13-08	M13-08	M13-08
Sample Code	280-S13-019	280-S13-020	280-S13-021	280-S13-022	280-S13-023	280-S13-024	280-S13-025	280-S13-026	280-S13-027
Sampling Date	8/12/1994	8/12/1994	8/12/1994	8/12/1994	8/12/1994	8/12/1994	11/19/1994	11/19/1994	11/19/1994
Sampling Depth (feet bgs)	2.5 - 3.5	4 - 5	0 - 1	1.5 - 2.5	2.5 - 3.5	4.5 - 5.5	1 - 2	2.5 - 3.5	5 - 6
Units*	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY									
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE, %MST	3.9	15.4	2	4.5	16.8	21.8	10.4	15.5	15.1
PH, UNITS	9.5	8.8	9.3	9.2	8.8	8.2	7.5	7.1	6.8
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN									
TOTAL ORGANIC CARBON, MG/KG						456			

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-09	M13-09	M13-09	MWOR-1	MWOR-1	MWOR-1	MWOR-1
Sample Code	280-S13-028	280-S13-029	280-S13-030	MWOR-1 [0.5-1.0]	MWOR-1 [3.0-3.5]	MWOR-1 [4.0-4.5]	MWOR-1 [14.5-15.0]
Sampling Date	11/19/1994	11/19/1994	11/19/1994	5/23/1990	7/16/1990	7/16/1990	7/16/1990
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	5 - 6	.5 - 1	3 - 3.5	4 - 4.5	14.5 - 15
Units*	%MST	%MST	%MST	MG/KG	UNITS	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte							
AMMONIA							
CATION EXCHANGE CAPACITY							
CHLORIDE						8.5	
CYANIDE							
IGNITABILITY						999 U	
NITRATE						0.18 U	
PERCENT MOISTURE, %MST	13.2	16	15.1				
PH, UNITS	6	7	6.8		8.9		
PHOSPHATE							
PHOSPHORUS						340	
SULFATE						13.8	
SULFIDE							
TOTAL KJELDAHL NITROGEN						129	
TOTAL ORGANIC CARBON, MG/KG				130		316	120

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-50: SITE 13 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-2	MWOR-3	MWOR-3	MWOR-4	MWOR-4
Sample Code	MWOR-2 [5.0-5.5]	MWOR-2 [4.0-4.5]	MWOR-3 [4.0-4.5]	MWOR-3 [5.0-5.5]	MWOR-4 [3.0-3.5]	MWOR-4 [4.0-4.5]
Sampling Date	7/16/1990	7/17/1990	7/17/1990	7/17/1990	7/19/1990	7/19/1990
Sampling Depth (feet bgs)	5 - 5.5	4 - 4.5	4 - 4.5	5 - 5.5	3 - 3.5	4 - 4.5
Units*	MG/KG	UNITS	UNITS	MG/KG	UNITS	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
AMMONIA						
CATION EXCHANGE CAPACITY						
CHLORIDE	3.9			51.2		6
CYANIDE						
IGNITABILITY	999 U			999 U		
NITRATE	0.21			0.1 U		1.26
PERCENT MOISTURE, %MST						
PH, UNITS		9.2	8.9	9.6	7.7	
PHOSPHATE						
PHOSPHORUS	372			480		785
SULFATE	10.9			30.8		6.5
SULFIDE						
TOTAL KJELDAHL NITROGEN	95			174		168
TOTAL ORGANIC CARBON, MG/KG	416			364		

Notes:

*	Unless otherwise specified
%MST	Percent moisture
ME/100G	Milliequivalents per hundred grams
DEG-C	Degrees celcius
MG/KG	Miligrams per kilogram

TABLE E-51: SITE 13 PESTICIDES AND PCBs IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	D13-01	D13-01	D13-01	D13-01	M13-06	M13-06	M13-06	M13-06	M13-07	M13-07
Sample Code	280-S13-100	280-S13-111	280-S13-112	280-S13-113	280-S13-054	280-S13-055	280-S13-057	280-S13-058	280-S13-059	280-S13-060
Sampling Date	12/16/1994	2/23/1995	6/26/1995	9/19/1995	10/21/1994	2/24/1995	6/27/1995	8/11/1995	11/1/1994	2/28/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
4,4'-DDD	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.2 UJ	0.1 UJ
4,4'-DDE	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.2 UJ	0.1 UJ
4,4'-DDT	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.2 UJ	0.1 UJ
ALDRIN	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.1 UJ	0.05 UJ
ALPHA-BHC	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.1 UJ	0.05 UJ
ALPHA-CHLORDANE	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.1 UJ	0.05 UJ
AROCLOR-1016	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ
AROCLOR-1221	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ
AROCLOR-1232	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ
AROCLOR-1242	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ
AROCLOR-1248	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ
AROCLOR-1254	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ
AROCLOR-1260	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ
BETA-BHC	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.1 UJ	0.05 UJ
CHLORDANE										
DELTA-BHC	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.1 UJ	0.05 UJ
DIELDRIN	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.2 UJ	0.1 UJ
ENDOSULFAN I	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.1 UJ	0.05 UJ
ENDOSULFAN II	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.2 UJ	0.1 UJ
ENDOSULFAN SULFATE	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.2 UJ	0.1 UJ
ENDRIN	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.2 UJ	0.1 UJ
ENDRIN ALDEHYDE	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.2 UJ	0.1 UJ
ENDRIN KETONE	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.2 UJ	0.1 UJ
GAMMA-BHC (LINDANE)	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.1 UJ	0.05 UJ
GAMMA-CHLORDANE	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.1 UJ	0.05 UJ
HEPTACHLOR	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.1 UJ	0.05 UJ
HEPTACHLOR EPOXIDE	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.02 UJ	0.01 UJ
METHOXYCHLOR	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ
TOXAPHENE	3 U	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	6 UJ	3 UJ

Notes:

PCB Polychlorinated biphenyl

UG/L Micrograms per liter

TABLE E-51: SITE 13 PESTICIDES AND PCBs IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-07	M13-07	M13-08	M13-08	M13-08	M13-08	M13-09	M13-09	M13-09	M13-09
Sample Code	280-S13-061	280-S13-062	280-S13-063	280-S13-065	280-S13-066	280-S13-067	280-S13-068	280-S13-069	280-S13-070	280-S13-071
Sampling Date	6/28/1995	8/16/1995	12/14/1994	2/24/1995	6/28/1995	8/16/1995	12/9/1994	2/24/1995	6/28/1995	8/18/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
4,4'-DDD	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U
4,4'-DDE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U
4,4'-DDT	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U
ALDRIN	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U
ALPHA-BHC	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U
ALPHA-CHLORDANE	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U
AROCLOR-1016	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
AROCLOR-1221	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
AROCLOR-1232	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
AROCLOR-1242	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
AROCLOR-1248	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
AROCLOR-1254	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
AROCLOR-1260	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
BETA-BHC	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U
CHLORDANE										
DELTA-BHC	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U
DIELDRIN	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U
ENDOSULFAN I	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U
ENDOSULFAN II	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U
ENDOSULFAN SULFATE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U
ENDRIN	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U
ENDRIN ALDEHYDE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U
ENDRIN KETONE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U
GAMMA-BHC (LINDANE)	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U
GAMMA-CHLORDANE	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U
HEPTACHLOR	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U
HEPTACHLOR EPOXIDE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U
METHOXYCHLOR	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
TOXAPHENE	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 U	3 UJ	3 UJ	3 UJ	3 U

Notes:

PCB Polychlorinated biphenyl

UG/L Micrograms per liter

TABLE E-51: SITE 13 PESTICIDES AND PCBs IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MW-1	MW-1	MW-1	MW-1	MWOR-1	MWOR-1	MWOR-1	MWOR-1	MWOR-2	MWOR-2
Sample Code	280-S13-099	280-S13-149	280-S13-150	280-S13-151	280-S13-032	280-S13-033	280-S13-034	280-S13-035	280-S13-037	280-S13-038
Sampling Date	12/6/1994	2/24/1995	6/27/1995	8/17/1995	10/20/1994	2/24/1995	6/27/1995	8/9/1995	10/20/1994	2/24/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
4,4'-DDD	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
4,4'-DDE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
4,4'-DDT	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ALDRIN	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
ALPHA-BHC	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
ALPHA-CHLORDANE	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
AROCLOR-1016	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
AROCLOR-1221	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
AROCLOR-1232	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
AROCLOR-1242	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
AROCLOR-1248	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
AROCLOR-1254	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
AROCLOR-1260	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
BETA-BHC	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
CHLORDANE										
DELTA-BHC	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
DIELDRIN	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ENDOSULFAN I	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
ENDOSULFAN II	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ENDOSULFAN SULFATE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ENDRIN	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ENDRIN ALDEHYDE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ENDRIN KETONE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
GAMMA-BHC (LINDANE)	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
GAMMA-CHLORDANE	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
HEPTACHLOR	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
HEPTACHLOR EPOXIDE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 UJ
METHOXYCHLOR	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
TOXAPHENE	3 UJ	3 UJ	3 UJ	3 UJ	3 U	3 UJ	3 UJ	3 UJ	3 U	3 UJ

Notes:

PCB Polychlorinated biphenyl

UG/L Micrograms per liter

TABLE E-51: SITE 13 PESTICIDES AND PCBs IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-2	MWOR-3	MWOR-3	MWOR-3	MWOR-3	MWOR-4	MWOR-4	MWOR-4	MWOR-4
Sample Code	280-S13-039	280-S13-040	280-S13-041	280-S13-042	280-S13-043	280-S13-045	280-S13-046	280-S13-047	280-S13-048	280-S13-049
Sampling Date	6/27/1995	8/9/1995	10/20/1994	2/28/1995	6/27/1995	8/10/1995	10/20/1994	2/23/1995	6/26/1995	8/17/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
4,4'-DDD	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
4,4'-DDE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
4,4'-DDT	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
ALDRIN	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
ALPHA-BHC	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
ALPHA-CHLORDANE	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
AROCLOR-1016	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1221	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1232	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1242	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1248	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1254	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1260	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
BETA-BHC	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
CHLORDANE										
DELTA-BHC	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
DIELDRIN	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
ENDOSULFAN I	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
ENDOSULFAN II	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
ENDOSULFAN SULFATE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
ENDRIN	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
ENDRIN ALDEHYDE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
ENDRIN KETONE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
GAMMA-BHC (LINDANE)	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
GAMMA-CHLORDANE	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
HEPTACHLOR	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
HEPTACHLOR EPOXIDE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
METHOXYCHLOR	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
TOXAPHENE	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ

Notes:

PCB Polychlorinated biphenyl

UG/L Micrograms per liter

TABLE E-51: SITE 13 PESTICIDES AND PCBs IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 5 of 5)

Location	MW-1	MWOR-1	MWOR-2	MWOR-3	MWOR-4
Sample Code	MW-1 [10/15/90]	MWOR-1 [08/24/90]	MWOR-2 [08/27/90]	MWOR-3 [08/27/90]	MWOR-4 [08/28/90]
Sampling Date	10/15/1990	8/24/1990	8/27/1990	8/27/1990	8/27/1990
Sampling Depth (feet bgs)	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
4,4'-DDD		0.02 U			0.02 U
4,4'-DDE		0.02 U			0.02 U
4,4'-DDT		0.08			0.02 U
ALDRIN		0.02 U			0.02 U
ALPHA-BHC		0.02 U			0.02 U
ALPHA-CHLORDANE					
AROCLOR-1016		0.25 U			0.25 U
AROCLOR-1221		0.25 U			0.25 U
AROCLOR-1232		0.25 U			0.25 U
AROCLOR-1242		0.25 U			0.25 U
AROCLOR-1248		0.25 U			0.25 U
AROCLOR-1254		0.5 U			0.5 U
AROCLOR-1260		0.5 U			0.5 U
BETA-BHC		0.02 U			0.02 U
CHLORDANE		0.25 U			0.25 U
DELTA-BHC		0.02 U			0.02 U
DIELDRIN		0.02 U			0.02 U
ENDOSULFAN I		0.02 U			0.02 U
ENDOSULFAN II	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN SULFATE		0.02 U			0.02 U
ENDRIN		0.02 U			0.02 U
ENDRIN ALDEHYDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN KETONE					
GAMMA-BHC (LINDANE)		0.02 U			0.02 U
GAMMA-CHLORDANE					
HEPTACHLOR		0.02 U			0.02 U
HEPTACHLOR EPOXIDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
METHOXYCHLOR		0.05 U			0.05 U
TOXAPHENE		1 U			1 U

Notes:
PCB Polychlorinated biphenyl
UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	D13-01	M07C-06	M07C-09	M13-06	M13-07	M13-08	M13-09
Sample Code	385-S13-011	385-S22-006	385-S22-009	385-S13-006	385-S13-007A	385-S13-008	385-S13-009
Sampling Date	6/29/2001	7/5/2001	7/5/2001	6/27/2001	6/28/2001	6/28/2001	6/28/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS	DGS
Analyte							
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	50 U	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 U	41	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	12 U	12 U	12 U	12 U	12 U	12 U	12 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 UJ	25 UJ	25 UJ	25 UJ
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	17 U	19 U	19 U	19 U	19 U	19 U	19 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 UJ	25 UJ	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 U	25 U	25 U	25 UJ	25 UJ	25 UJ	25 UJ
ACENAPHTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ANILINE							
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
AZOBENZENE							
BENZIDINE							
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	1 4 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZOIC ACID							
BENZYL ALCOHOL							
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 U	4 U	4 U	4 U	4 U	4 U	4 U
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	14 U	14 U	14 U	14 U	14 U	14 U
CHRYSENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	20 U	20 U	20 U	20 U	20 U	20 U	20 U
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	D13-01	M07C-06	M07C-09	M13-06	M13-07	M13-08	M13-09
Sample Code	385-S13-011	385-S22-006	385-S22-009	385-S13-006	385-S13-007A	385-S13-008	385-S13-009
Sampling Date	6/29/2001	7/5/2001	7/5/2001	6/27/2001	6/28/2001	6/28/2001	6/28/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS	DGS
Analyte							
FLUORENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	11 U	16 UJ	16 UJ	16 U	16 UJ	16 UJ	16 UJ
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U	10 U	89	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	18 U	18 U	18 U	18 U	18 U	18 U
PENTACHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
PHENANTHRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MW-1	MWOR-1	MWOR-2	MWOR-3	MWOR-4	S13-DGS-VE01
Sample Code	385-S13-010A	385-S13-001	385-S13-002A	385-S13-003	385-S13-004	385-S13-014A
Sampling Date	6/28/2001	6/27/2001	7/19/2001	6/28/2001	6/29/2001	8/8/2001
Sampling Depth (feet bgs)	-	-	-	-	-	5.5 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS
Analyte						
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 UJ	25 UJ	50 UJ	25 UJ	50 U	50 UJ
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	12 U	12 U	12 U	12 U	12 U	12 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 UJ	25 UJ	25 U	25 UJ	25 U	25 UJ
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	19 U	19 U	17 U	19 U	17 U	17 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 UJ	25 UJ	25 U	25 UJ	25 U	25 U
ACENAPHTHENE	10 U	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U	10 U
ANILINE						
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
AZOBENZENE						
BENZIDINE						
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	2.7 U	2.7 U	1.4 U	2.7 U	1.4 U	0.2 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZOIC ACID						
BENZYL ALCOHOL						
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 U	4 U	4 U	4 U	4 U	4 U
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	14 U	14 U	10 U	14 U	10 U	10 U
CHRYSENE	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	20 U	20 U	20 U	20 U	20 U	20 U
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MW-1	MWOR-1	MWOR-2	MWOR-3	MWOR-4	S13-DGS-VE01
Sample Code	385-S13-010A	385-S13-001	385-S13-002A	385-S13-003	385-S13-004	385-S13-014A
Sampling Date	6/28/2001	6/27/2001	7/19/2001	6/28/2001	6/29/2001	8/8/2001
Sampling Depth (feet bgs)	-	-	-	-	-	5.5 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS
Analyte						
FLUORENE	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	16 UJ	16 U	11 UJ	16 UJ	11 U	11 U
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE						
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	18 U	18 U	10 U	18 U	10 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U
PHENANTHRENE	10 U	10 U	10 U	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	10 U	10 U	10 U
PYRENE	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	S13-DGS-VE02	D13-01	D13-01	D13-01	D13-01	DHP-S13-02
Sample Code	385-S13-017A	280-S13-100	280-S13-111	280-S13-112	280-S13-113	280-S13-073
Sampling Date	8/7/2001	12/16/1994	2/23/1995	6/26/1995	9/19/1995	8/2/1994
Sampling Depth (feet bgs)	8.5 - 10	-	-	-	-	17.9 -
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte						
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 UJ
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	50 U	25 U	25 UJ		25 UJ	25 UJ
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	12 U	10 U	10 U	10 U	10 U	10 UJ
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 U	25 U	25 UJ
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	17 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 U	25 U	25 U	25 UJ	25 U	25 U
ACENAPHTHENE	10 U	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U	10 U
ANILINE						
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
AZOBENZENE						
BENZIDINE						
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	1.4 U	10 U	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 UJ
BENZO(G,H,I)PERYLENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 UJ
BENZOIC ACID						
BENZYL ALCOHOL						
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 U	4 UJ	4 UJ	10 UJ	4 UJ	4 UJ
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 UJ
CARBAZOLE	10 U	10 U	10 U	10 U	10 U	10 U
CHRYSENE	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	20 U	10 U	10 U	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 UJ	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 UJ	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	10 UJ	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 UJ
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	S13-DGS-VE02	D13-01	D13-01	D13-01	D13-01	DHP-S13-02
Sample Code	385-S13-017A	280-S13-100	280-S13-111	280-S13-112	280-S13-113	280-S13-073
Sampling Date	8/7/2001	12/16/1994	2/23/1995	6/26/1995	9/19/1995	8/2/1994
Sampling Depth (feet bgs)	8.5 - 10	-	-	-	-	17.9 -
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte						
FLUORENE	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	11 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE						
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 UJ
PHENANTHRENE	10 U	10 U	10 U	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	10 U	10 U	10 U
PYRENE	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	DHP-S13-03	DHP-S13-04	M07C-06	M07C-06	M07C-09	M07C-09	M13-06
Sample Code	280-S13-074	280-S13-075	280-S7C-049	280-S7C-051	280-S7C-062	280-S7C-064	280-S13-054
Sampling Date	7/20/1994	7/20/1994	11/10/1994	6/20/1995	11/10/1994	6/21/1995	10/21/1994
Sampling Depth (feet bgs)	22 -	30 -	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 UJ	25 UJ		25 UJ	25 UJ	25 U	25 UJ
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 UJ	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 UJ	25 U	25 U	25 U	25 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 U	25 U	25 U	25 UJ	25 U	25 U	25 UJ
ACENAPHTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ANILINE							
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
AZOBENZENE							
BENZIDINE							
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZOIC ACID							
BENZYL ALCOHOL							
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 UJ	4 U	4 U	4 UJ	4 U	4 U	4 UJ
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CHRYSENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U
DI-N-BUTYLPHTHALATE	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	DHP-S13-03	DHP-S13-04	M07C-06	M07C-06	M07C-09	M07C-09	M13-06
Sample Code	280-S13-074	280-S13-075	280-S7C-049	280-S7C-051	280-S7C-062	280-S7C-064	280-S13-054
Sampling Date	7/20/1994	7/20/1994	11/10/1994	6/20/1995	11/10/1994	6/21/1995	10/21/1994
Sampling Depth (feet bgs)	22 -	30 -	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
FLUORENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 UJ
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	0.7 J	10 U	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 UJ	25 UJ	25 U	25 U	25 U	25 U	25 UJ
PHENANTHRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-06	M13-06	M13-06	M13-07	M13-07	M13-07	M13-07
Sample Code	280-S13-055	280-S13-057	280-S13-058	280-S13-059	280-S13-060	280-S13-061	280-S13-062
Sampling Date	2/24/1995	6/27/1995	8/11/1995	11/1/1994	2/28/1995	6/28/1995	8/16/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	50 U	5 U	5 U	5 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	50 U	5 U	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	50 U	5 U	5 U	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	250 U	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	100 UJ	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	100 U	10 U	10 U	7 J
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 UJ		25 U	250 U	25 UJ		25 U
2,4-DINITROTOLUENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	130	5 J	10 U	5 J
2-METHYLPHENOL	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	250 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	100 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
3-NITROANILINE	25 U	25 U	25 U	250 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	250 U	25 U	25 UJ	25 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	100 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	100 U	0.7 J	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	100 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	100 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	250 U	25 U	25 U	25 U
4-NITROPHENOL	25 U	25 UJ	25 UJ	250 UJ	25 U	25 UJ	25 U
ACENAPHTHENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
ANILINE							
ANTHRACENE	10 U	10 U	10 U	100 UJ	10 U	10 U	10 U
AZOBENZENE							
BENZIDINE							
BENZO(A)ANTHRACENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 UJ	100 U	10 U	10 UJ	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
BENZOIC ACID							
BENZYL ALCOHOL							
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	100 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 UJ	4 U	4 UJ	40 U	4 UJ	4 UJ	4 U
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	100 UJ	10 U	10 U	10 U
CHRYSENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 UJ	100 U	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U	100 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-06	M13-06	M13-06	M13-07	M13-07	M13-07	M13-07
Sample Code	280-S13-055	280-S13-057	280-S13-058	280-S13-059	280-S13-060	280-S13-061	280-S13-062
Sampling Date	2/24/1995	6/27/1995	8/11/1995	11/1/1994	2/28/1995	6/28/1995	8/16/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
FLUORENE	10 U	10 U	10 U	100 U	10 U	10 U	1 J
HEXACHLOROBENZENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 U	100 UJ	10 U	10 U	10 U
HEXACHLOROETHANE	10 U	10 U	10 U	100 U	10 U	10 U	10 UJ
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 UJ	100 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U	200	11	10 U	18
NITROBENZENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	100 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 U	250 UJ	25 UJ	25 UJ	25 U
PHENANTHRENE	10 U	10 U	10 U	100 UJ	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	8 J	10 U	10 U	10 UJ
PYRENE	10 U	10 U	10 U	100 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-08	M13-08	M13-08	M13-08	M13-09	M13-09	M13-09
Sample Code	280-S13-063	280-S13-065	280-S13-066	280-S13-067	280-S13-068	280-S13-069	280-S13-070
Sampling Date	12/14/1994	2/24/1995	6/28/1995	8/16/1995	12/9/1994	2/24/1995	6/28/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 U	25 U		25 U	25 UJ	25 UJ	
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 U	10 U	1 J	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 UJ	25 U	25 U	25 U	25 UJ
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 U	25 U	25 UJ	25 U	25 U	25 U	25 UJ
ACENAPHTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ANILINE							
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
AZOBENZENE							
BENZIDINE							
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 UJ	10 U	10 U	10 U	10 UJ
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZOIC ACID							
BENZYL ALCOHOL							
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 UJ	4 U	4 U	4 UJ	4 UJ	4 UJ	4 UJ
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 U	10 U	0.6 J	10 U
CHRYSENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-08	M13-08	M13-08	M13-08	M13-09	M13-09	M13-09
Sample Code	280-S13-063	280-S13-065	280-S13-066	280-S13-067	280-S13-068	280-S13-069	280-S13-070
Sampling Date	12/14/1994	2/24/1995	6/28/1995	8/16/1995	12/9/1994	2/24/1995	6/28/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
FLUORENE	10 U	10 U	10 U	10 U	10 U	1 J	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U	10 U	10 U	2 J	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 UJ	25 UJ	25 UJ	25 U	25 UJ
PHENANTHRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	0.9 J	10 U	10 U	10 U
PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-09	MW-1	MW-1	MW-1	MW-1	MWOR-1	MWOR-1
Sample Code	280-S13-071	280-S13-099	280-S13-149	280-S13-150	280-S13-151	280-S13-032	280-S13-033
Sampling Date	8/18/1995	12/6/1994	2/24/1995	6/27/1995	8/17/1995	10/20/1994	2/24/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 UJ	25 U	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 UJ	25 UJ	25 U		25 UJ	25 UJ	25 UJ
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	5 J	0.9 J	10 U	3 J	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-NITROPHENOL	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 UJ	25 UJ	25 U	25 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 UJ	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 U	25 U	25 U	25 UJ	25 U	25 UJ	25 U
ACENAPHTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ANILINE							
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
AZOBENZENE							
BENZIDINE							
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZOIC ACID							
BENZYL ALCOHOL							
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 U	4 U	4 UJ	4 UJ	4 UJ	4 U	4 U
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CHRYSENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-09	MW-1	MW-1	MW-1	MW-1	MWOR-1	MWOR-1
Sample Code	280-S13-071	280-S13-099	280-S13-149	280-S13-150	280-S13-151	280-S13-032	280-S13-033
Sampling Date	8/18/1995	12/6/1994	2/24/1995	6/27/1995	8/17/1995	10/20/1994	2/24/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
FLUORENE	10 U	10 U	10 U	0.8 J	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	10 U	7 J	2 J	10 U	10	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 U	25 UJ	25 U	25 UJ	25 U
PHENANTHRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-1	MWOR-2	MWOR-2	MWOR-2	MWOR-2	MWOR-3
Sample Code	280-S13-034	280-S13-035	280-S13-037	280-S13-038	280-S13-039	280-S13-040	280-S13-041
Sampling Date	6/27/1995	8/9/1995	10/20/1994	2/24/1995	6/27/1995	8/9/1995	10/20/1994
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL		25 UJ	25 UJ	25 UJ		25 UJ	25 UJ
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 UJ	10 U	10 U	10 U	10 UJ	10 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 UJ	25 U	25 UJ	25 U	25 UJ	25 U	25 UJ
ACENAPHTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ANILINE							
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
AZOBENZENE							
BENZIDINE							
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZOIC ACID							
BENZYL ALCOHOL							
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 U	4 U	4 U	4 UJ	4 U	4 U	4 U
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CHRYSENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-1	MWOR-2	MWOR-2	MWOR-2	MWOR-2	MWOR-3
Sample Code	280-S13-034	280-S13-035	280-S13-037	280-S13-038	280-S13-039	280-S13-040	280-S13-041
Sampling Date	6/27/1995	8/9/1995	10/20/1994	2/24/1995	6/27/1995	8/9/1995	10/20/1994
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
FLUORENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 UJ	10 U	10 U	10 U	10 UJ
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 UJ	25 U	25 U	25 U	25 UJ
PHENANTHRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PYRENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-3	MWOR-3	MWOR-3	MWOR-4	MWOR-4	MWOR-4	MWOR-4
Sample Code	280-S13-042	280-S13-043	280-S13-045	280-S13-046	280-S13-047	280-S13-048	280-S13-049
Sampling Date	2/28/1995	6/27/1995	8/10/1995	10/20/1994	2/23/1995	6/26/1995	8/17/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	25 U	25 UJ	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2,4-DINITROPHENOL	25 UJ		25 U	25 UJ	25 UJ		25 UJ
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 UJ	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 UJ	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 U	25 UJ	25 U	25 UJ
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 UJ	25 U	25 U
4-NITROPHENOL	25 U	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 U
ACENAPHTHENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
ANILINE							
ANTHRACENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
AZOBENZENE							
BENZIDINE							
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 UJ	10 U	10 UJ	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
BENZOIC ACID							
BENZYL ALCOHOL							
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 U	4 U	4 U	4 U	4 UJ	10 UJ	4 UJ
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
CHRYSENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 UJ	10 U	10 UJ	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-3	MWOR-3	MWOR-3	MWOR-4	MWOR-4	MWOR-4	MWOR-4
Sample Code	280-S13-042	280-S13-043	280-S13-045	280-S13-046	280-S13-047	280-S13-048	280-S13-049
Sampling Date	2/28/1995	6/27/1995	8/10/1995	10/20/1994	2/23/1995	6/26/1995	8/17/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
FLUORENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 UJ	10 U	10 UJ	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
PENTACHLOROPHENOL	7 J	25 U	0.6 J	25 UJ	25 UJ	25 U	25 U
PHENANTHRENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
PHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
PYRENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-06	M13-06	M13-06	M13-06	MW-1	MW-1
Sample Code	108-S13-001	108-S13-005	108-S13-009	108-S13-013	18623-1	MW-1 [10/15/90]
Sampling Date	11/6/1997	2/10/1998	5/6/1998	8/7/1998	11/3/1989	10/15/1990
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1998	FO 1998	FO 1998	FO 1998	IMF PH0	PH 1&2A 1991
Analyte						
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 UJ	5 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	5 UJ	5 U	10 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	5 UJ	5 U	10 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	5 UJ	5 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 UJ	10 U	10 U	10 UJ	5 U	
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	25 UJ	25 U	50 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 UJ	10 UJ	5 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 UJ	5 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 UJ	5 U	10 U
2,4-DINITROPHENOL	25 UJ	25 U	25 UJ	25 UJ	25 U	50 U
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 UJ	5 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 UJ	5 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 UJ	5 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 UJ	5 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 UJ	5 U	16
2-METHYLPHENOL	10 U	10 U	10 U	10 UJ	5 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 UJ	25 U	50 U
2-NITROPHENOL	10 U	10 U	10 U	10 UJ	25 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	10 UJ	25 U	20 U
3-NITROANILINE	25 UJ	25 UJ	25 U	25 UJ	25 U	50 U
4,6-DINITRO-2-METHYLPHENOL	25 UJ	25 U	25 U	25 UJ	25 U	50 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 UJ	5 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 UJ	10 U	10 U
4-CHLOROANILINE	10 UJ	10 UJ	10 U	10 UJ	5 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 UJ	5 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 UJ	5 U	10 U
4-NITROANILINE	25 UJ	25 UJ	25 UJ	25 UJ	25 U	50 U
4-NITROPHENOL	25 UJ	25 U	25 U	25 UJ	25 U	50 U
ACENAPHTHENE	10 U	10 U	10 U	10 UJ	5 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 UJ	5 U	10 U
ANILINE					5 U	
ANTHRACENE	10 U	10 U	10 U	10 UJ	5 U	10 U
AZOBENZENE					5 U	
BENZIDINE					5 U	
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 UJ	5 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U	10 UJ	5 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 UJ	5 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 U	10 UJ	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 UJ	5 U	10 U
BENZOIC ACID					25 U	50 U
BENZYL ALCOHOL					5 U	10 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 UJ	5 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 UJ	5 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 UJ	4 U	4 U	4 UJ	5 U	11 UJ
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 UJ	5 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 UJ		
CHRYSENE	10 U	10 U	10 U	10 UJ	5 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 U	10 UJ	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 UJ	10 UJ	5 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 UJ	5 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U	10 UJ	5 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	10 UJ	5 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	10 UJ	5 U	10 U
FLUORANTHENE	10 U	10 U	10 U	10 UJ	5 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-06	M13-06	M13-06	M13-06	MW-1	MW-1
Sample Code	108-S13-001	108-S13-005	108-S13-009	108-S13-013	18623-1	MW-1 [10/15/90]
Sampling Date	11/6/1997	2/10/1998	5/6/1998	8/7/1998	11/3/1989	10/15/1990
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1998	FO 1998	FO 1998	FO 1998	IMF PH0	PH 1&2A 1991
Analyte						
FLUORENE	10 U	10 U	10 U	10 UJ	2.3 J	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 UJ	5 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 UJ	5 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 U	10 UJ	5 U	10 U
HEXACHLOROETHANE	10 U	10 U	10 U	10 UJ	5 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 UJ	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 UJ	5 U	10 U
NAPHTHALENE	10 U	10 U	10 U	10 UJ	5 U	23
NITROBENZENE	10 U	10 U	10 U	10 UJ	5 U	10 U
N-NITROSODIMETHYLAMINE					5 U	
N-NITROSO-DI-N-PROPYLAMINE	10 UJ	10 U	10 UJ	10 UJ	5 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 UJ	5 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 U	25 UJ	25 U	50 U
PHENANTHRENE	10 U	10 U	10 U	10 UJ	3.8 J	10 U
PHENOL	10 U	10 U	10 U	10 UJ	37	10 U
PYRENE	10 U	10 U	10 UJ	10 UJ	5 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-2	MWOR-3	MWOR-4
Sample Code	MWOR-1 [08/24/90]	MWOR-2 [08/27/90]	MWOR-3 [08/27/90]	MWOR-4 [08/28/90]
Sampling Date	8/24/1990	8/27/1990	8/27/1990	8/27/1990
Sampling Depth (feet bgs)	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	10 U	10 U	10 U	10 U
1,3-DICHLOROBENZENE	10 U	10 U	10 U	10 U
1,4-DICHLOROBENZENE	10 U	10 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,4,5-TRICHLOROPHENOL	50 U	50 U	50 U	50 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	50 U	50 U	50 U	50 U
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U
2-NITROANILINE	50 U	50 U	50 U	50 U
2-NITROPHENOL	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	20 U	20 U	20 U	20 U
3-NITROANILINE	50 U	50 U	50 U	50 U
4,6-DINITRO-2-METHYLPHENOL	50 U	50 U	50 U	50 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U
4-NITROANILINE	50 U	50 U	50 U	50 U
4-NITROPHENOL	50 U	50 U	50 U	50 U
ACENAPHTHENE	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U
ANILINE				
ANTHRACENE	10 U	10 U	10 U	10 U
AZOBENZENE				
BENZIDINE				
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 U
BENZOIC ACID	50 U	50 U	50 U	50 U
BENZYL ALCOHOL	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U	10 U	10 U	10 U
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U
CARBAZOLE				
CHRYSENE	10 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U	10 U

TABLE E-52: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-2	MWOR-3	MWOR-4
Sample Code	MWOR-1 [08/24/90]	MWOR-2 [08/27/90]	MWOR-3 [08/27/90]	MWOR-4 [08/28/90]
Sampling Date	8/24/1990	8/27/1990	8/27/1990	8/27/1990
Sampling Depth (feet bgs)	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
FLUORENE	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 U	10 U
HEXACHLOROETHANE	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE				
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	50 U	50 U	50 U	50 U
PHENANTHRENE	10 U	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	10 U
PYRENE	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-53: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

(Page 1 of 2)

Location	D13-01	M07C-06	M07C-09	M13-06	M13-07	M13-08	M13-09	MW-1	MWOR-1
Sample Code	385-S13-011	385-S22-006	385-S22-009	385-S13-006	385-S13-007A	385-S13-008	385-S13-009	385-S13-010A	385-S13-001
Sampling Date	6/29/2001	7/5/2001	7/5/2001	6/27/2001	6/28/2001	6/28/2001	6/28/2001	6/28/2001	6/27/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS
Analyte									
ACENAPHTHENE	5 U	5 U	5 U	5 U	61	5 U	5 U	5 U	5 U
ACENAPHTHYLENE	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U
ANTHRACENE	0 2 U	0 2 U	0 2 U	0 2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZO(A)ANTHRACENE	0 2 U	0 2 U	0 2 U	0 2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZO(A)PYRENE	0 2 U	0 2 U	0 2 U	0 2 U	1 U	0 2 U	0.2 U	0.2 U	0.2 U
BENZO(B)FLUORANTHENE	0 2 U	0 2 U	0 2 U	0 2 U	1 U	0 2 U	0.2 U	0.2 U	0.2 U
BENZO(G,H,I)PERYLENE	0 2 U	0 2 U	0 2 U	0 2 U	1 U	0.2 U	0.2 U	0.63	0.2 U
BENZO(K)FLUORANTHENE	0 2 U	0 2 U	0 2 U	0 2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
CHRYSENE	0 2 U	0 2 U	0 2 U	0.2 U	1 U	0.2 U	0.2 U	0.48	0.2 U
DIBENZO(A,H)ANTHRACENE	0 5 U	0 5 U	0 5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 J
FLUORANTHENE	0 2 U	0 2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 J	0.2 U	0.2 U
FLUORENE	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
INDENO(1,2,3-CD)PYRENE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
NAPHTHALENE	5 U	5 U	5 U	5 U	60	5 U	5 U	5 U	5 U
PHENANTHRENE	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
PYRENE	0.2 U	0.2 U	0.2 U	0.1 J	1 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

UG/L Micrograms per liter

TABLE E-53: SITE 13 POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

(Page 2 of 2)

Location	MWOR-2	MWOR-3	MWOR-4	S13-DGS-VE02
Sample Code	385-S13-002A	385-S13-003	385-S13-004	385-S13-017A
Sampling Date	7/19/2001	6/28/2001	6/29/2001	8/7/2001
Sampling Depth (feet bgs)	-	-	-	8.5 - 10
Units	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS
Analyte				
ACENAPHTHENE	5 U	5 U	5 U	5 U
ACENAPHTHYLENE	2 U	2 U	2 U	2 U
ANTHRACENE	0.2 U	0.2 U	0.2 U	0.2 U
BENZO(A)ANTHRACENE	0.2 U	0.2 U	0.2 U	0.2 U
BENZO(A)PYRENE	0.2 U	0.2 U	0.2 U	0.2 U
BENZO(B)FLUORANTHENE	0.2 U	0.2 U	0.2 U	0.2 U
BENZO(G,H,I)PERYLENE	0.2 U	0.2 U	0.2 U	0.2 U
BENZO(K)FLUORANTHENE	0.2 U	0.2 U	0.2 U	0.2 U
CHRYSENE	0.2 U	0.2 U	0.2 U	0.2 U
DIBENZO(A,H)ANTHRACENE	0.5 U	0.5 U	0.5 U	0.5 U
FLUORANTHENE	0.2 U	0.2 U	0.2 U	0.2 U
FLUORENE	1 U	1 U	1 U	1 U
INDENO(1,2,3-CD)PYRENE	0.2 U	0.2 U	0.2 U	0.2 U
NAPHTHALENE	5 U	5 U	5 U	5 U
PHENANTHRENE	1 U	1 U	1 U	1 U
PYRENE	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	D13-01	M07C-06	M07C-09	M13-06	M13-07	M13-08	M13-09
Sample Code	385-S13-011	385-S22-006	385-S22-009	385-S13-006	385-S13-007	385-S13-008	385-S13-009
Sampling Date	6/29/2001	7/5/2001	7/5/2001	6/27/2001	6/27/2001	6/28/2001	6/28/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS	DGS
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	2 U	1 U	1 U
1,1,2-TRICHLOROETHANE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
1,1-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRICHLOROBENZENE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DICHLOROBENZENE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)	2 U	2 U	2 U	2 U	4 U	2 U	2 U
1,2-DICHLOROPROPANE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
2,2-DICHLOROPROPANE							
2-BUTANONE	2 UJ	2 UJ	2 UJ	2 UJ	4 UJ	2 UJ	2 UJ
2-CHLOROETHYLVINYLETHER							
2-CHLOROTOLUENE							
2-HEXANONE	2 UJ	2 UJ	2 UJ	2 UJ	4 UJ	2 UJ	2 UJ
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	2 UJ	2 UJ	2 UJ	2 UJ	4 UJ	2 UJ	2 UJ
ACETONE	3 UJ	3 UJ	3 UJ	3 UJ	29 UJ	3 UJ	3 UJ
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
BROMOFORM	2 U	2 U	2 U	2 U	4 U	2 U	2 U
BROMOMETHANE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
CARBON DISULFIDE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
CHLOROBENZENE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
CHLOROETHANE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
CHLOROFORM	2 U	2 U	2 U	2 U	4 UJ	2 U	2 U
CHLOROMETHANE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
ETHYLENE DIBROMIDE							
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	2 UJ	2 UJ	2 UJ	2 UJ	4 UJ	2 U	2 U
METHYL-T-BUTYL ETHER	5 U	5 U	5 U	5 U	10 U	5 U	5 U

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	D13-01	M07C-06	M07C-09	M13-06	M13-07	M13-08	M13-09
Sample Code	385-S13-011	385-S22-006	385-S22-009	385-S13-006	385-S13-007	385-S13-008	385-S13-009
Sampling Date	6/29/2001	7/5/2001	7/5/2001	6/27/2001	6/27/2001	6/28/2001	6/28/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS	DGS
Analyte							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
TOLUENE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
TRICHLOROETHENE	2 U	2 U	2 U	2 U	4 U	2 U	2 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
XYLENE (TOTAL)	2 U	2 U	2 U	2 U	4 U	2 U	2 U

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MW-1	MWOR-1	MWOR-2	MWOR-3	MWOR-4	S13-DGS-VE01
Sample Code	385-S13-010	385-S13-001	385-S13-002	385-S13-003	385-S13-004	385-S13-014
Sampling Date	6/27/2001	6/27/2001	6/28/2001	6/28/2001	6/29/2001	8/8/2001
Sampling Depth (feet bgs)	-	-	-	-	-	5.5 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS
Analyte						
1,1,1,2-TETRACHLOROETHANE						1 U
1,1,1-TRICHLOROETHANE	2 U	2 U	2 U	2 UJ	2 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 UJ	1 U	1 U
1,1,2-TRICHLOROETHANE	2 U	2 U	2 U	2 UJ	2 U	1 U
1,1-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	1 U
1,1-DICHLOROETHENE	2 U	2 U	2 U	2 UJ	2 U	1 U
1,1-DICHLOROPROPENE						
1,2,3-TRICHLOROBENZENE						
1,2,3-TRICHLOROPROPANE						
1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE						
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DICHLOROBENZENE	2 U	2 U	2 U	2 UJ	2 U	1 U
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	1 U
1,2-DICHLOROETHENE (TOTAL)	2 U	2 U	2 U	2 UJ	2 U	
1,2-DICHLOROPROPANE	2 U	2 U	2 U	2 UJ	2 U	
1,3,5-TRIMETHYLBENZENE						
1,3-DICHLOROBENZENE	2 U	2 U	2 U	2 UJ	2 U	1 U
1,3-DICHLOROPROPANE						
1,4-DICHLOROBENZENE	2 U	2 U	2 U	2 UJ	2 U	1 U
2,2-DICHLOROPROPANE						
2-BUTANONE	2 UJ	2 UJ	1 UJ	2 UJ	2 UJ	
2-CHLOROETHYLVINYLETHER						
2-CHLOROTOLUENE						
2-HEXANONE	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	
4-CHLOROTOLUENE						
4-METHYL-2-PENTANONE	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	
ACETONE	8 UJ	3 UJ	3 UJ	3 UJ	3 UJ	
BENZENE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	1 U
BROMOBENZENE						
BROMOCHLOROMETHANE						
BROMODICHLOROMETHANE	2 U	2 U	2 U	2 UJ	2 U	
BROMOFORM	2 U	2 U	2 U	2 UJ	2 U	
BROMOMETHANE	2 U	2 U	2 U	2 UJ	2 U	
CARBON DISULFIDE	0.5 J	2 U	2 U	2 UJ	2 U	
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
CHLOROBENZENE	2 U	2 U	2 U	2 UJ	2 U	1 U
CHLOROETHANE	2 U	2 U	2 U	2 UJ	2 U	1 U
CHLOROFORM	2 UJ	2 U	2 U	2 UJ	2 U	
CHLOROMETHANE	2 U	2 U	2 U	2 UJ	2 U	1 U
CIS-1,2-DICHLOROETHENE						1 U
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
DIBROMOCHLOROMETHANE	2 U	2 U	2 U	2 UJ	2 U	
DIBROMOMETHANE						
DICHLORODIFLUOROMETHANE						
DIISOPROPYL ETHER						
ETHYL TERT-BUTYL ETHER						
ETHYLBENZENE	2 U	2 U	2 U	2 UJ	2 U	1 U
ETHYLENE DIBROMIDE						
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE						
M,P-XYLENE						1 U
METHYLENE CHLORIDE	2 UJ	2 UJ	2 U	2 UJ	2 U	1 U
METHYL-T-BUTYL ETHER	5 U	5 U	5 U	5 UJ	5 U	1 U

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MW-1	MWOR-1	MWOR-2	MWOR-3	MWOR-4	S13-DGS-VE01
Sample Code	385-S13-010	385-S13-001	385-S13-002	385-S13-003	385-S13-004	385-S13-014
Sampling Date	6/27/2001	6/27/2001	6/28/2001	6/28/2001	6/29/2001	8/8/2001
Sampling Depth (feet bgs)	-	-	-	-	-	5.5 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS
Analyte						
NAPHTHALENE						1 U
N-BUTYLBENZENE						
N-PROPYLBENZENE						
O-XYLENE						1 U
P-ISOPROPYLTOLUENE						
SEC-BUTYLBENZENE						
STYRENE	2 U	2 U	2 U	2 UJ	2 U	
TERT-AMYL METHYL ETHER						
TERT-BUTANOL						
TERT-BUTYLBENZENE						
TETRACHLOROETHENE	2 U	2 U	2 U	2 UJ	2 U	1 U
TOLUENE	2 U	2 U	2 U	2 UJ	2 U	1 U
TRANS-1,2-DICHLOROETHENE						1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
TRICHLOROETHENE	2 U	2 U	0.6 J	2 UJ	2 U	1 U
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	1 U
XYLENE (TOTAL)	2 U	2 U	2 U	2 UJ	2 U	

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	S13-DGS-VE02	S13-DGS-VE02	S13-DGS-VE03	13GB005	13GB100	B13-28
Sample Code	385-S13-017	385-S13-017A	385-S13-027	GPW13-500	GPW13-100	280-S13-106
Sampling Date	8/7/2001	8/7/2001	4/26/2002	8/17/1994	8/17/1994	12/9/1994
Sampling Depth (feet bgs)	8.5 - 10	8.5 - 10	7 -	5 - 6	5 - 6	6 - 6.5
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	FO 1994	FO 1994	FO 1994
Analyte						
1,1,1,2-TETRACHLOROETHANE	1 U					
1,1,1-TRICHLOROETHANE	1 U		2 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	2 U	2 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	0.5 U	0.5 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	2 U	2 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE						
1,2,3-TRICHLOROBENZENE						
1,2,3-TRICHLOROPROPANE						
1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE						
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DICHLOROBENZENE	1 U	0.4 J	2 U			
1,2-DICHLOROETHANE	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)		2 U	2 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE		2 U	2 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE						
1,3-DICHLOROBENZENE	1 U	2 U	2 U			
1,3-DICHLOROPROPANE						
1,4-DICHLOROBENZENE	1 U	0.4 J	2 U			
2,2-DICHLOROPROPANE						
2-BUTANONE		2 UJ	2 UJ			
2-CHLOROETHYLVINYLETHER						
2-CHLOROTOLUENE						
2-HEXANONE		2 UJ	2 U	2 U	2 U	2 UJ
4-CHLOROTOLUENE						
4-METHYL-2-PENTANONE		2 UJ	2 U	2 U	2 U	2 UJ
ACETONE		3 UJ	4 UJ	8 UJ		61 J
BENZENE	1 U	0.5 U	0.5 U	1 U	1 U	1 U
BROMOBENZENE						
BROMOCHLOROMETHANE						
BROMODICHLOROMETHANE		2 U	2 U	1 U	1 U	1 U
BROMOFORM		2 U	2 U	1 U	1 U	1 U
BROMOMETHANE		2 U	2 U	2 U	2 U	2 U
CARBON DISULFIDE		2 U	2 U	1 U	1 U	1 U
CARBON TETRACHLORIDE		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	1 U	0.6 J	2 U	1 U	1 U	1 U
CHLOROETHANE	1 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM		2 U	2 U	1 U	1 U	1 U
CHLOROMETHANE	1 U	2 U	2 U	2 U	2 U	2 UJ
CIS-1,2-DICHLOROETHENE	1 U					
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE		2 U	2 U	1 U	1 U	1 U
DIBROMOMETHANE						
DICHLORODIFLUOROMETHANE						
DIISOPROPYL ETHER						
ETHYL TERT-BUTYL ETHER						
ETHYLBENZENE	1 U	2 U	2 U	1 U	1 U	130
ETHYLENE DIBROMIDE						
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE						
M,P-XYLENE	1 U					
METHYLENE CHLORIDE	1 U	2 UJ	2 UJ	1 U	1 U	1 U
METHYL-T-BUTYL ETHER	1 U	5 U	5 U			

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	S13-DGS-VE02	S13-DGS-VE02	S13-DGS-VE03	13GB005	13GB100	B13-28
Sample Code	385-S13-017	385-S13-017A	385-S13-027	GPW13-500	GPW13-100	280-S13-106
Sampling Date	8/7/2001	8/7/2001	4/26/2002	8/17/1994	8/17/1994	12/9/1994
Sampling Depth (feet bgs)	8.5 - 10	8.5 - 10	7 -	5 - 6	5 - 6	6 - 6.5
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	FO 1994	FO 1994	FO 1994
Analyte						
NAPHTHALENE	1 U					
N-BUTYLBENZENE						
N-PROPYLBENZENE						
O-XYLENE	1 U					
P-ISOPROPYLTOLUENE						
SEC-BUTYLBENZENE						
STYRENE		2 U	2 U	1 U	1 U	1 U
TERT-AMYL METHYL ETHER						
TERT-BUTANOL						
TERT-BUTYLBENZENE						
TETRACHLOROETHENE	1 U	2 U	2 U	1 U	1 U	1 U
TOLUENE	1 U	2 U	2 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	1 U					
TRANS-1,3-DICHLOROPROPENE		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	1 U	2 U	2 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)		0.3 J	2 U	1 U	1 U	530

Notes:
UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-29	B13-30	D13-01	D13-01	D13-01	D13-01	DHP-S13-02
Sample Code	280-S13-146	280-S13-108	280-S13-100	280-S13-111	280-S13-112	280-S13-113	280-S13-073
Sampling Date	12/9/1994	12/9/1994	12/16/1994	2/23/1995	6/26/1995	9/19/1995	8/2/1994
Sampling Depth (feet bgs)	5.5 - 6	5.5 - 6	-	-	-	-	17.9 -
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	2 U	1 U	8	37 J	8	1	1 U
1,1,2,2-TETRACHLOROETHANE	2 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	2 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	2 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	2 U	1 U	1 J	9	1 U	1 U	1 U
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRICHLOROBENZENE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	0.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)	2 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	2 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE							
2,2-DICHLOROPROPANE							
2-BUTANONE			3 U				
2-CHLOROETHYLVINYLETHER							
2-CHLOROTOLUENE							
2-HEXANONE	3 U	2 UJ	2 U	2 U	2 UJ	2 U	2 U
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	3 U	1 J	2 U	2 U	2 UJ	2 U	2 U
ACETONE							9 UJ
BENZENE	21	180	1 U	1 U	0.5 U	0.5 U	1 U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	2 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	2 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	3 U	2 U	2 U	2 UJ	1 U	1 U	2 U
CARBON DISULFIDE	2 UJ	1 U	1 UJ	1 U	1 U	1 UJ	1 U
CARBON TETRACHLORIDE	0.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	2 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	3 U	2 U	2 U	2 UJ	2 U	2 U	2 U
CHLOROFORM	2 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	3 U	2 UJ	2 U	2 U	2 U	2 U	2 UJ
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	0.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	2 U	1 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	52	26	1 U	1 U	1 U	1 U	1 U
ETHYLENE DIBROMIDE							
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	2 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U
METHYL-T-BUTYL ETHER							

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-29	B13-30	D13-01	D13-01	D13-01	D13-01	DHP-S13-02
Sample Code	280-S13-146	280-S13-108	280-S13-100	280-S13-111	280-S13-112	280-S13-113	280-S13-073
Sampling Date	12/9/1994	12/9/1994	12/16/1994	2/23/1995	6/26/1995	9/19/1995	8/2/1994
Sampling Depth (feet bgs)	5.5 - 6	5.5 - 6	-	-	-	-	17.9 -
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	2 U	1 U	1 U	1 U	1 U	1 U	1 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	2 U	1 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	8	8	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	0.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	2 U	1 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	0.8 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)	240	100	1 U	1 U	1 U	1 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	DHP-S13-03	DHP-S13-04	M07C-06	M07C-06	M07C-06	M07C-06	M07C-09
Sample Code	280-S13-074	280-S13-075	280-S7C-049	280-S7C-050	280-S7C-051	280-S7C-053	280-S7C-062
Sampling Date	7/20/1994	7/20/1994	11/10/1994	2/17/1995	6/20/1995	8/31/1995	11/10/1994
Sampling Depth (feet bgs)	22 -	30 -	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	1 U	1 U	1 UJ	1 U	1 U	1 U	1 UJ
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 UJ	1 U	1 U	1 U	1 UJ
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRICHLOROBENZENE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4 UJ
1,2-DICHLOROETHENE (TOTAL)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE							
2,2-DICHLOROPROPANE							
2-BUTANONE	15 UJ	15 UJ					
2-CHLOROETHYLVINYLETHER							
2-CHLOROTOLUENE							
2-HEXANONE	2 U	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	2 U	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ
ACETONE							
BENZENE	1 U	1 U	1 U	1 U	0.5 U	0.5 U	1 U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	2 U	2 U	2 U	2 U	1 U	1 U	2 U
CARBON DISULFIDE	1 U	1 U	1 UJ	1 U	1 U	1 U	1 UJ
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 UJ
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 UJ
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ETHYLENE DIBROMIDE			1 U	0.02 U	0.02 U	0.02 U	1 U
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
METHYL-T-BUTYL ETHER							

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	DHP-S13-03	DHP-S13-04	M07C-06	M07C-06	M07C-06	M07C-06	M07C-09
Sample Code	280-S13-074	280-S13-075	280-S7C-049	280-S7C-050	280-S7C-051	280-S7C-053	280-S7C-062
Sampling Date	7/20/1994	7/20/1994	11/10/1994	2/17/1995	6/20/1995	8/31/1995	11/10/1994
Sampling Depth (feet bgs)	22 -	30 -	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-09	M07C-09	M07C-09	M13-06	M13-06	M13-06	M13-06
Sample Code	280-S7C-063	280-S7C-064	280-S7C-065	280-S13-054	280-S13-055	280-S13-057	280-S13-058
Sampling Date	2/20/1995	6/21/1995	8/30/1995	10/21/1994	2/24/1995	6/27/1995	8/11/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRICHLOROBENZENE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	2	1	0.8	1 UJ	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE							
2,2-DICHLOROPROPANE							
2-BUTANONE							
2-CHLOROETHYLVINYLETHER							
2-CHLOROTOLUENE							
2-HEXANONE	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
ACETONE				6 UJ			
BENZENE	1 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	2 U	1 U	1 U	2 U	2 UJ	1 UJ	1 U
CARBON DISULFIDE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	2 UJ	2 U	2 U	2 U	2 UJ	2 U	2 UJ
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	2 U	2 U	2 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ETHYLENE DIBROMIDE	0.02 U	0.02 U	0.02 U				
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
METHYL-T-BUTYL ETHER							

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-09	M07C-09	M07C-09	M13-06	M13-06	M13-06	M13-06
Sample Code	280-S7C-063	280-S7C-064	280-S7C-065	280-S13-054	280-S13-055	280-S13-057	280-S13-058
Sampling Date	2/20/1995	6/21/1995	8/30/1995	10/21/1994	2/24/1995	6/27/1995	8/11/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
XYLENE (TOTAL)	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
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Location	M13-07	M13-07	M13-07	M13-07	M13-08	M13-08	M13-08
Sample Code	280-S13-059	280-S13-060	280-S13-061	280-S13-062	280-S13-063	280-S13-065	280-S13-066
Sampling Date	11/1/1994	2/28/1995	6/28/1995	8/16/1995	12/14/1994	2/24/1995	6/28/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRICHLOROBENZENE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)	5 UJ	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE							
2,2-DICHLOROPROPANE							
2-BUTANONE							
2-CHLOROETHYLVINYLETHER							
2-CHLOROTOLUENE							
2-HEXANONE	10 UJ	2 U	2 U	2 U	2 U	2 U	2 U
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	10 UJ	2 U	2 U	2 U	2 U	2 U	2 U
ACETONE	87 UJ		47 J	30 UJ			
BENZENE	86	11 J	23	44	1 U	1 U	0.5 U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	5 U	1 UJ	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	10 UJ	2 U	1 U	1 U	2 U	2 UJ	1 U
CARBON DISULFIDE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	10 UJ	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U
CHLOROFORM	5 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	10 UJ	2 U	2 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	4 J	1	2	3	1 U	1 U	1 U
ETHYLENE DIBROMIDE							
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	5 UJ	1 UJ	1 U	1 U	1 U	1 UJ	1 U
METHYL-T-BUTYL ETHER							

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-07	M13-07	M13-07	M13-07	M13-08	M13-08	M13-08
Sample Code	280-S13-059	280-S13-060	280-S13-061	280-S13-062	280-S13-063	280-S13-065	280-S13-066
Sampling Date	11/1/1994	2/28/1995	6/28/1995	8/16/1995	12/14/1994	2/24/1995	6/28/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	5 U	1 U	1 U	1 U	1 U	1 U	0.9 J
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	5 U	1 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
XYLENE (TOTAL)	5 U	0.9 J	1 U	1	1 U	1 U	1 U

Notes:
UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-08	M13-09	M13-09	M13-09	M13-09	MW-1	MW-1
Sample Code	280-S13-067	280-S13-068	280-S13-069	280-S13-070	280-S13-071	280-S13-099	280-S13-149
Sampling Date	8/16/1995	12/9/1994	2/24/1995	6/28/1995	8/18/1995	12/6/1994	2/24/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRICHLOROBENZENE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE							
2,2-DICHLOROPROPANE							
2-BUTANONE							
2-CHLOROETHYLVINYLETHER							
2-CHLOROTOLUENE							
2-HEXANONE	2 U	2 UJ	2 U	2 U	2 U	2 UJ	2 U
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	2 U	2 UJ	2 U	2 U	2 U	2 UJ	2 U
ACETONE							
BENZENE	0.5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	1 U	2 U	2 UJ	1 U	1 U	2 U	2 UJ
CARBON DISULFIDE	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	2 UJ	2 U	2 UJ	2 U	2 U	2 UJ	2 UJ
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ETHYLENE DIBROMIDE							
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	1 U	1 U	1 UJ	1 U	1 U	1 U	1 UJ
METHYL-T-BUTYL ETHER							

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-08	M13-09	M13-09	M13-09	M13-09	MW-1	MW-1
Sample Code	280-S13-067	280-S13-068	280-S13-069	280-S13-070	280-S13-071	280-S13-099	280-S13-149
Sampling Date	8/16/1995	12/9/1994	2/24/1995	6/28/1995	8/18/1995	12/6/1994	2/24/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ
XYLENE (TOTAL)	1 U	1 U	1 U	0.9 J	1 U	1 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MW-1	MW-1	MWOR-1	MWOR-1	MWOR-1	MWOR-1	MWOR-2
Sample Code	280-S13-150	280-S13-151	280-S13-032	280-S13-033	280-S13-034	280-S13-035	280-S13-037
Sampling Date	6/27/1995	8/17/1995	10/20/1994	2/24/1995	6/27/1995	8/9/1995	10/20/1994
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRICHLOROBENZENE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	0.5 U	0.5 U	1 UJ	0.5 U	0.5 U	0.5 U	1 UJ
1,2-DICHLOROETHENE (TOTAL)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE							
2,2-DICHLOROPROPANE							
2-BUTANONE							
2-CHLOROETHYLVINYLETHER							
2-CHLOROTOLUENE							
2-HEXANONE	2 U	2 U	2 U	2 U	2 U		2 U
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ACETONE							1 UJ
BENZENE	0.5 U	0.7	1 U	1 U	0.5 U	0.5 U	1 U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	1 UJ	1 U	2 U	2 UJ	1 UJ	1 U	2 U
CARBON DISULFIDE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 UJ
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
ETHYLENE DIBROMIDE			1 U				
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	1 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U
METHYL-T-BUTYL ETHER							

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MW-1	MW-1	MWOR-1	MWOR-1	MWOR-1	MWOR-1	MWOR-2
Sample Code	280-S13-150	280-S13-151	280-S13-032	280-S13-033	280-S13-034	280-S13-035	280-S13-037
Sampling Date	6/27/1995	8/17/1995	10/20/1994	2/24/1995	6/27/1995	8/9/1995	10/20/1994
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-2	MWOR-2	MWOR-3	MWOR-3	MWOR-3	MWOR-3
Sample Code	280-S13-038	280-S13-039	280-S13-040	280-S13-041	280-S13-042	280-S13-043	280-S13-045
Sampling Date	2/24/1995	6/27/1995	8/9/1995	10/20/1994	2/28/1995	6/27/1995	8/10/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRICHLOROBENZENE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.7 UJ	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE							
2,2-DICHLOROPROPANE							
2-BUTANONE							
2-CHLOROETHYLVINYLETHER							
2-CHLOROTOLUENE							
2-HEXANONE	2 U	2 U		2 U	2 U	2 U	
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ACETONE							
BENZENE	1 U	0.5 U	0.5 U	1 U	1 UJ	0.5 U	0.5 U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U
BROMOMETHANE	2 U	1 UJ	1 U	2 U	2 U	1 UJ	1 U
CARBON DISULFIDE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE							
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ETHYLENE DIBROMIDE							
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ	1 U
METHYL-T-BUTYL ETHER							

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-2	MWOR-2	MWOR-3	MWOR-3	MWOR-3	MWOR-3
Sample Code	280-S13-038	280-S13-039	280-S13-040	280-S13-041	280-S13-042	280-S13-043	280-S13-045
Sampling Date	2/24/1995	6/27/1995	8/9/1995	10/20/1994	2/28/1995	6/27/1995	8/10/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-4	MWOR-4	MWOR-4	MWOR-4	M13-06	M13-06	M13-06
Sample Code	280-S13-046	280-S13-047	280-S13-048	280-S13-049	108-S13-001	108-S13-005	108-S13-009
Sampling Date	10/20/1994	2/23/1995	6/26/1995	8/17/1995	11/6/1997	2/10/1998	5/6/1998
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1998	FO 1998	FO 1998
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRICHLOROBENZENE					1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE					1 U	1 U	1 U
1,2-DICHLOROBENZENE					1 U	1 U	1 U
1,2-DICHLOROETHANE	1 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)	1 U	1 U	1 U	1 U			
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE					1 U	1 U	1 U
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE					1 U	1 U	1 U
2,2-DICHLOROPROPANE							
2-BUTANONE							
2-CHLOROETHYLVINYLETHER							
2-CHLOROTOLUENE							
2-HEXANONE	2 U	2 U	2 UJ	2 U	5 UJ		5 U
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	2 U	2 U	2 UJ	2 U	5 U	5 U	5 U
ACETONE							
BENZENE	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOBENZENE							
BROMOCHLOROMETHANE					1 U	1 U	1 U
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	2 U	2 UJ	1 U	1 U	1 UJ	1 U	1 U
CARBON DISULFIDE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	2 U	2 UJ	2 U	2 UJ	1 U	1 U	1 U
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	2 UJ	2 U	2 U	2 UJ	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE					1 U	1 U	1 U
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ETHYLENE DIBROMIDE					1 U	1 U	1 U
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	1 U	1 UJ	1 UJ	1 U	2 U	2 U	2 U
METHYL-T-BUTYL ETHER							

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-4	MWOR-4	MWOR-4	MWOR-4	M13-06	M13-06	M13-06
Sample Code	280-S13-046	280-S13-047	280-S13-048	280-S13-049	108-S13-001	108-S13-005	108-S13-009
Sampling Date	10/20/1994	2/23/1995	6/26/1995	8/17/1995	11/6/1997	2/10/1998	5/6/1998
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1998	FO 1998	FO 1998
Analyte							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE					1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-06	M13-09	M13-09	M13-09	M13-09	D13-01	D13-01
Sample Code	108-S13-013	108-S13-002	108-S13-006	108-S13-010	108-S13-014	D13-01-A1639	D13-01-A1138
Sampling Date	8/7/1998	11/6/1997	2/10/1998	5/12/1998	8/7/1998	12/17/2002	7/8/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	GWM 2003	GWM 2003
Analyte							
1,1,1,2-TETRACHLOROETHANE						0.5 U	0.5 U
1,1,1-TRICHLOROETHANE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
1,1-DICHLOROETHANE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
1,1-DICHLOROETHENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
1,1-DICHLOROPROPENE						0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE						0.5 U	0.5 U
1,2,3-TRICHLOROPROPANE						0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 UJ	0.5 U
1,2,4-TRIMETHYLBENZENE						0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	1 UJ	1 U	1 U	1 UJ	1 UJ	0.5 U	0.5 U
1,2-DICHLOROBENZENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
1,3,5-TRIMETHYLBENZENE						0.5 U	0.5 U
1,3-DICHLOROBENZENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
1,3-DICHLOROPROPANE						0.5 U	0.5 U
1,4-DICHLOROBENZENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
2,2-DICHLOROPROPANE						0.5 UJ	0.5 U
2-BUTANONE						10 UJ	10 U
2-CHLOROETHYLVINYLETHER							
2-CHLOROTOLUENE						0.5 U	0.5 U
2-HEXANONE		5 UJ		5 U		10 U	10 U
4-CHLOROTOLUENE						0.5 U	0.5 U
4-METHYL-2-PENTANONE	5 UJ	5 U	5 U	5 U	5 UJ	10 U	10 U
ACETONE						0.7 J	10 UJ
BENZENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
BROMOBENZENE						0.5 U	0.5 U
BROMOCHLOROMETHANE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
BROMODICHLOROMETHANE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
BROMOFORM	1 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U
BROMOMETHANE	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 U
CARBON DISULFIDE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
CHLOROBENZENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
CHLOROETHANE	1 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U
CHLOROFORM	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
CHLOROMETHANE	1 UJ	1 U	1 U	1 U	1 UJ	0.3 J	1 U
CIS-1,2-DICHLOROETHENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ		
DIBROMOCHLOROMETHANE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
DIBROMOMETHANE						0.5 U	0.5 U
DICHLORODIFLUOROMETHANE						1 UJ	1 U
DIISOPROPYL ETHER						0.5 U	0.5 U
ETHYL TERT-BUTYL ETHER						0.5 U	0.5 U
ETHYLBENZENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
ETHYLENE DIBROMIDE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
HEXACHLOROBUTADIENE						0.5 UJ	0.5 U
ISOPROPYLBENZENE						0.5 U	0.5 U
M,P-XYLENE						0.5 U	0.5 U
METHYLENE CHLORIDE	2 UJ	2 U	2 U	2 U	2 UJ	5 UJ	5 U
METHYL-T-BUTYL ETHER						0.5 U	0.5 U

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-06	M13-09	M13-09	M13-09	M13-09	D13-01	D13-01
Sample Code	108-S13-013	108-S13-002	108-S13-006	108-S13-010	108-S13-014	D13-01-A1639	D13-01-A1138
Sampling Date	8/7/1998	11/6/1997	2/10/1998	5/12/1998	8/7/1998	12/17/2002	7/8/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	GWM 2003	GWM 2003
Analyte							
NAPHTHALENE						2 U	2 U
N-BUTYLBENZENE						0.5 U	0.5 U
N-PROPYLBENZENE						0.5 U	0.5 U
O-XYLENE						0.5 U	0.5 U
P-ISOPROPYLTOLUENE						0.5 U	0.5 U
SEC-BUTYLBENZENE						0.5 U	0.5 U
STYRENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
TERT-AMYL METHYL ETHER						0.5 U	0.5 U
TERT-BUTANOL						10 U	20 U
TERT-BUTYLBENZENE						0.5 U	0.5 U
TETRACHLOROETHENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 UJ	0.5 U
TOLUENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ		
TRICHLOROETHENE	1 UJ	1 U	1 U	1 U	1 UJ	0.5 U	0.5 U
TRICHLOROFLUOROMETHANE						1 U	1 U
VINYL ACETATE							
VINYL CHLORIDE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
XYLENE (TOTAL)	1 UJ	1 U	1 U	1 U	1 UJ		

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-06	M07C-06	M07C-06	M07C-06	M07C-09
Sample Code	M07C-06-A1640	M07C-06-A1993	M07C-06-A1139	M07C-06-A1339	M07C-09-A1642
Sampling Date	12/17/2002	4/14/2003	6/21/2002	9/5/2002	12/17/2002
Sampling Depth (feet bgs)	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte					
1,1,1,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-TRIMETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)					
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-TRIMETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROPROPANE	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,2-DICHLOROPROPANE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
2-BUTANONE	10 UJ	10 U	10 UJ	10 U	10 UJ
2-CHLOROETHYLVINYLETHER					
2-CHLOROTOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-HEXANONE	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-METHYL-2-PENTANONE	10 U	10 U	10 UJ	10 U	10 U
ACETONE	1 UJ	1.4 J	1.4 UJ	5.7 U	7.5 J
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	1 U	1 U	1 UJ	1 U	1 U
BROMOMETHANE	1 U	1 UJ	1 U	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J
CHLOROETHANE	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE					
DIBROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	1 UJ	1 UJ	1 U	1 U	1 UJ
DIISOPROPYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLENE DIBROMIDE	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
HEXACHLOROBUTADIENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M,P-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	5 UJ	0.2 U	5 U	5 U	5 UJ
METHYL-T-BUTYL ETHER	0.5 U	0.5 U	0.1 U	0.2 U	0.5 U

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-06	M07C-06	M07C-06	M07C-06	M07C-09
Sample Code	M07C-06-A1640	M07C-06-A1993	M07C-06-A1139	M07C-06-A1339	M07C-09-A1642
Sampling Date	12/17/2002	4/14/2003	6/21/2002	9/5/2002	12/17/2002
Sampling Depth (feet bgs)	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte					
NAPHTHALENE	2 U	2 U	2 U	2 U	2 U
N-BUTYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
N-PROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
P-ISOPROPYLTOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SEC-BUTYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TERT-AMYL METHYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TERT-BUTANOL	10 U	10 U	20 U	20 U	10 U
TERT-BUTYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE					
TRICHLOROETHENE	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
TRICHLOROFLUOROMETHANE	1 U	1 U	1 U	1 U	1 U
VINYL ACETATE					
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)					

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-09	M07C-09	M07C-09	M13-06	M13-06	M13-07
Sample Code	M07C-09-A1994	MW7C-09-A1141	M07C-09-A1340	M13-06-A1645	M13-06-A1144	M13-07-A1646
Sampling Date	4/10/2003	6/19/2002	9/4/2002	12/17/2002	6/18/2002	12/17/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte						
1,1,1,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-TRIMETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-TRIMETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ
2-BUTANONE	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
2-CHLOROETHYLVINYLETHER						
2-CHLOROTOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
2-HEXANONE	10 U	10 U	10 U	10 U	10 UJ	10 U
4-CHLOROTOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U	10 UJ	10 U
ACETONE	10 U	10 U	1 U	0.9 UJ	1.4 J	99 J
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	1 U	1 U	1 U	0.5 J	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROMETHANE	1 U	1 U	1 U	1 U	1 UJ	1 U
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE						
DIBROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ
DIISOPROPYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
ETHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLENE DIBROMIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
HEXACHLOROBUTADIENE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1
M,P-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	5 U	5 U	0.1 U	5 UJ	5 UJ	5 UJ
METHYL-T-BUTYL ETHER	0.5 U	0.5 U	0.1 U	0.5 U	0.5 UJ	0.5 U

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-09	M07C-09	M07C-09	M13-06	M13-06	M13-07
Sample Code	M07C-09-A1994	MW7C-09-A1141	M07C-09-A1340	M13-06-A1645	M13-06-A1144	M13-07-A1646
Sampling Date	4/10/2003	6/19/2002	9/4/2002	12/17/2002	6/18/2002	12/17/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte						
NAPHTHALENE	2 UJ	2 U	2 U	2 U	2 U	190
N-BUTYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
N-PROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J
O-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J
P-ISOPROPYLTOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J
SEC-BUTYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TERT-AMYL METHYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TERT-BUTANOL	10 U	20 U	20 U	10 U	20 UJ	10 U
TERT-BUTYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8
TETRACHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
TRANS-1,3-DICHLOROPROPENE						
TRICHLOROETHENE	0.5 U	1	0.2 J	0.5 U	0.5 U	0.5 U
TRICHLOROFLUOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U
VINYL ACETATE						
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)						

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-07	M13-08	M13-08	M13-09	M13-09	MW-1
Sample Code	M13-07-A1145	M13-08-A1647	M13-08-A1146	M13-09-A1648	M13-09-A1147	MW-1-A1649
Sampling Date	6/18/2002	12/17/2002	6/20/2002	12/17/2002	6/19/2002	12/17/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte						
1,1,1,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U
1,2,4-TRIMETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	2.1	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-TRIMETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,2-DICHLOROPROPANE	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 UJ
2-BUTANONE	10 UJ	10 UJ	10 U	10 UJ	10 U	10 UJ
2-CHLOROETHYLVINYLETHER						
2-CHLOROTOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-HEXANONE	10 UJ	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-METHYL-2-PENTANONE	10 UJ	10 U	10 U	10 U	10 U	10 U
ACETONE	3.5 J	0.4 UJ	10 U	0.6 UJ	1.4 J	29 J
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	1 U	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROMETHANE	1 UJ	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE						
DIBROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	1 UJ	1 UJ	1 U	1 UJ	1 U	1 UJ
DIISOPROPYL ETHER	0.8 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.2 U	0.5 U	1.3	0.5 U
ETHYLENE DIBROMIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
HEXACHLOROBUTADIENE	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 UJ
ISOPROPYLBENZENE	3	0.5 U	0.5 U	0.5 U	0.8	0.3 J
M,P-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	1.6	0.5 U
METHYLENE CHLORIDE	5 UJ	5 UJ	5 U	5 UJ	0.2 U	5 UJ
METHYL-T-BUTYL ETHER	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-07	M13-08	M13-08	M13-09	M13-09	MW-1
Sample Code	M13-07-A1145	M13-08-A1647	M13-08-A1146	M13-09-A1648	M13-09-A1147	MW-1-A1649
Sampling Date	6/18/2002	12/17/2002	6/20/2002	12/17/2002	6/19/2002	12/17/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte						
NAPHTHALENE	210	2 U	2 U	1.7 J	1.1 J	1.6 U
N-BUTYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
N-PROPYLBENZENE	0.7	0.5 U	0.5 U	0.5 U	0.8	0.5 U
O-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
P-ISOPROPYLTOLUENE	0.2 J	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U
SEC-BUTYLBENZENE	1.4	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TERT-AMYL METHYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TERT-BUTANOL	20 UJ	10 U	20 U	10 U	20 U	3.7 J
TERT-BUTYLBENZENE	0.5 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 UJ
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE						
TRICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 J	0.5 U
TRICHLOROFLUOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U
VINYL ACETATE						
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)						

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MW-1	MWOR-4	MWOR-4	MW-1	MW-1	MWOR-1
Sample Code	MW-1-A1148	MWOR-4-A1660	MWOR-4-A1159	18623-1	MW-1 [10/15/90]	MWOR-1 [08/24/90]
Sampling Date	6/18/2002	12/17/2002	6/19/2002	11/3/1989	10/15/1990	8/24/1990
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	IMF PH0	PH 1&2A 1991	PH 1&2A 1991
Analyte						
1,1,1,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U			
1,1,1-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
1,1,2,2-TETRACHLOROETHANE	0.5 UJ	0.5 U	0.5 U	50 U	25 U	5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
1,1-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
1,1-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U			
1,2,3-TRICHLOROBENZENE	0.5 U	0.5 U	0.5 U			
1,2,3-TRICHLOROPROPANE	0.5 UJ	0.5 U	0.5 U			
1,2,4-TRICHLOROBENZENE	0.5 U	0.5 U	0.5 U			
1,2,4-TRIMETHYLBENZENE	0.5 U	0.5 U	0.5 U			
1,2-DIBROMO-3-CHLOROPROPANE	0.5 UJ	0.5 U	0.5 U			
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U			
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
1,2-DICHLOROETHENE (TOTAL)					25 U	5 U
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
1,3,5-TRIMETHYLBENZENE	0.5 U	0.5 U	0.5 U			
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U			
1,3-DICHLOROPROPANE	0.5 UJ	0.5 U	0.5 U			
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U			
2,2-DICHLOROPROPANE	0.5 U	0.5 UJ	0.5 U			
2-BUTANONE	10 UJ	10 UJ	10 U	100 U	50 U	10 U
2-CHLOROETHYLVINYLETHER				100 U		
2-CHLOROTOLUENE	0.5 U	0.5 U	0.5 U			
2-HEXANONE	10 UJ	10 U	10 U	100 U	50 U	10 U
4-CHLOROTOLUENE	0.5 U	0.5 U	0.5 U			
4-METHYL-2-PENTANONE	10 UJ	10 U	10 U	100 U	50 U	10 U
ACETONE	15 J	10 UJ	10 U	100 U	50 U	10 U
BENZENE	0.5 U	0.5 U	0.5 U	440	400	5 U
BROMOBENZENE	0.5 U	0.5 U	0.5 U			
BROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U			
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
BROMOFORM	1 U	1 U	1 U	50 U	25 U	5 U
BROMOMETHANE	1 U	0.6 J	1 U	100 U	50 U	10 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
CHLOROETHANE	1 U	1 U	1 U	100 U	50 U	10 U
CHLOROFORM	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
CHLOROMETHANE	1 U	1 U	1 U	100 U	50 U	10 U
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U			
CIS-1,2-DICHLOROPROPENE				50 U		
CIS-1,3-DICHLOROPROPENE					25 U	5 U
DIBROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
DIBROMOMETHANE	0.5 U	0.5 U	0.5 U			
DICHLORODIFLUOROMETHANE	1 UJ	1 UJ	1 U			
DIISOPROPYL ETHER	0.5 UJ	0.5 U	0.5 U			
ETHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.5 U			
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	50 U	34	5 U
ETHYLENE DIBROMIDE	0.5 U	0.5 U	0.5 U			
HEXACHLOROBUTADIENE	0.5 U	0.5 UJ	0.5 U			
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U			
M,P-XYLENE	0.5 U	0.5 U	0.5 U			
METHYLENE CHLORIDE	5 UJ	0.5 UJ	5 U	50 U	25 U	10 UJ
METHYL-T-BUTYL ETHER	0.5 UJ	0.5 U	0.5 U			

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MW-1	MWOR-4	MWOR-4	MW-1	MW-1	MWOR-1
Sample Code	MW-1-A1148	MWOR-4-A1660	MWOR-4-A1159	18623-1	MW-1 [10/15/90]	MWOR-1 [08/24/90]
Sampling Date	6/18/2002	12/17/2002	6/19/2002	11/3/1989	10/15/1990	8/24/1990
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	IMF PH0	PH 1&2A 1991	PH 1&2A 1991
Analyte						
NAPHTHALENE	11	2 U	2 U			
N-BUTYLBENZENE	0.5 U	0.5 U	0.5 U			
N-PROPYLBENZENE	0.5 U	0.5 U	0.5 U			
O-XYLENE	0.5 U	0.5 U	0.5 U			
P-ISOPROPYLTOLUENE	0.5 U	0.5 U	0.5 U			
SEC-BUTYLBENZENE	0.5 U	0.5 U	0.5 U			
STYRENE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
TERT-AMYL METHYL ETHER	0.5 U	0.5 U	0.5 U			
TERT-BUTANOL	20 UJ	10 U	20 U			
TERT-BUTYLBENZENE	0.5 U	0.5 U	0.5 U			
TETRACHLOROETHENE	0.5 U	0.5 UJ	0.5 U	50 U	25 U	5 U
TOLUENE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	50 U		
TRANS-1,3-DICHLOROPROPENE				50 U	25 U	5 U
TRICHLOROETHENE	0.5 U	0.5 U	0.5 U	50 U	25 U	5 U
TRICHLOROFLUOROMETHANE	1 UJ	1 U	1 U	50 U		
VINYL ACETATE				100 U	25 U	5 U
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	100 U	50 U	10 U
XYLENE (TOTAL)				50 U	32	5 U

Notes:

UG/L Micrograms per liter

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-3	MWOR-4
Sample Code	MWOR-2 [08/27/90]	MWOR-3 [08/27/90]	MWOR-4 [08/28/90]
Sampling Date	8/27/1990	8/27/1990	8/27/1990
Sampling Depth (feet bgs)	-	-	-
Units	UG/L	UG/L	UG/L
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte			
1,1,1,2-TETRACHLOROETHANE			
1,1,1-TRICHLOROETHANE	5 U	5 U	5 U
1,1,2,2-TETRACHLOROETHANE	5 U	5 U	5 U
1,1,2-TRICHLOROETHANE	5 U	5 U	5 U
1,1-DICHLOROETHANE	5 U	5 U	5 U
1,1-DICHLOROETHENE	5 U	5 U	5 U
1,1-DICHLOROPROPENE			
1,2,3-TRICHLOROBENZENE			
1,2,3-TRICHLOROPROPANE			
1,2,4-TRICHLOROBENZENE			
1,2,4-TRIMETHYLBENZENE			
1,2-DIBROMO-3-CHLOROPROPANE			
1,2-DICHLOROBENZENE			
1,2-DICHLOROETHANE	5 U	5 U	5 U
1,2-DICHLOROETHENE (TOTAL)	5 U	5 U	5 U
1,2-DICHLOROPROPANE	5 U	5 U	5 U
1,3,5-TRIMETHYLBENZENE			
1,3-DICHLOROBENZENE			
1,3-DICHLOROPROPANE			
1,4-DICHLOROBENZENE			
2,2-DICHLOROPROPANE			
2-BUTANONE	10 U	10 U	10 U
2-CHLOROETHYLVINYLETHER			
2-CHLOROTOLUENE			
2-HEXANONE	10 U	10 U	10 U
4-CHLOROTOLUENE			
4-METHYL-2-PENTANONE	10 U	10 U	10 U
ACETONE	10 U	10 U	10 U
BENZENE	5 U	5 U	5 U
BROMOBENZENE			
BROMOCHLOROMETHANE			
BROMODICHLOROMETHANE	5 U	5 U	5 U
BROMOFORM	5 U	5 U	5 U
BROMOMETHANE	10 U	10 U	10 U
CARBON DISULFIDE	5 U	5 U	5 U
CARBON TETRACHLORIDE	5 U	5 U	5 U
CHLOROBENZENE	5 U	5 U	5 U
CHLOROETHANE	10 U	10 U	10 U
CHLOROFORM	5 U	5 U	5 U
CHLOROMETHANE	10 U	10 U	10 U
CIS-1,2-DICHLOROETHENE			
CIS-1,2-DICHLOROPROPENE			
CIS-1,3-DICHLOROPROPENE	5 U	5 U	5 U
DIBROMOCHLOROMETHANE	5 U	5 U	5 U
DIBROMOMETHANE			
DICHLORODIFLUOROMETHANE			
DIISOPROPYL ETHER			
ETHYL TERT-BUTYL ETHER			
ETHYLBENZENE	5 U	5 U	5 U
ETHYLENE DIBROMIDE			
HEXACHLOROBUTADIENE			
ISOPROPYLBENZENE			
M,P-XYLENE			
METHYLENE CHLORIDE	5 U	17 UJ	5 UJ
METHYL-T-BUTYL ETHER			

TABLE E-54: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-3	MWOR-4
Sample Code	MWOR-2 [08/27/90]	MWOR-3 [08/27/90]	MWOR-4 [08/28/90]
Sampling Date	8/27/1990	8/27/1990	8/27/1990
Sampling Depth (feet bgs)	-	-	-
Units	UG/L	UG/L	UG/L
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte			
NAPHTHALENE			
N-BUTYLBENZENE			
N-PROPYLBENZENE			
O-XYLENE			
P-ISOPROPYLTOLUENE			
SEC-BUTYLBENZENE			
STYRENE	5 U	5 U	5 U
TERT-AMYL METHYL ETHER			
TERT-BUTANOL			
TERT-BUTYLBENZENE			
TETRACHLOROETHENE	5 U	5 U	5 U
TOLUENE	5 U	5 U	5 U
TRANS-1,2-DICHLOROETHENE			
TRANS-1,3-DICHLOROPROPENE	5 U	5 U	5 U
TRICHLOROETHENE	5 U	5 U	5 U
TRICHLOROFLUOROMETHANE			
VINYL ACETATE	5 U	5 U	5 U
VINYL CHLORIDE	10 U	10 U	10 U
XYLENE (TOTAL)	5 U	5 U	5 U

Notes:

UG/L Micrograms per liter

TABLE E-55: SITE 13 METALS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-38	B13-39	B13-40	B13-41	B13-42	B13-43	B13-44	D13-01	D13-01	D13-01	D13-01
Sample Code	ALA13B38-W	ALA13B39-W	ALA13B40-W	ALA13B41-W	ALA13B42-W	ALA13B43-W	ALA13B44-W	280-S13-100	280-S13-111	280-S13-112	280-S13-113
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/5/1994	4/5/1994	4/5/1994	4/6/1994	12/16/1994	2/23/1995	6/26/1995	9/19/1995
Sampling Depth (feet bgs)	16 -	17.5 -	17.5 -	16 -	21 -	16 -	15.5 -	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte											
ALUMINUM	38.6 J	207 U	207 U	20.7 U	297	20.7 U	207 U	28.2 U	40.8 U	20.7 U	25.2 UJ
ANTIMONY								2.2 U	2.2 U	6.4 U	5.6 U
ARSENIC								5 U	5 U	4 U	3.8 UJ
BARIUM	31.7 J	315 J	156 J	68.8 J	7.8 J	421	366 J	230	199 J	201	222
BERYLLIUM								1.1 UJ	1.4 J	0.7 U	0.1 U
CADMIUM								0.59 J	1.2 J	1.7 J	0.3 U
CALCIUM	9590	101000	58200	253000	19400	118000	103000	137000 J	126000	108000	127000
CHROMIUM								1.6 U	1.6 U	2 J	2.6 J
COBALT								7.7 U	5.6 U	4.6 U	3.8 U
COPPER	4.2 UJ	20 U	20 U	3.7 UJ	15 UJ	3.4 UJ	20 U	13.1 UJ	3.6 UJ	4.2 U	12 U
IRON	80.5 J	182 J	125 J	2700	255	6740	261 J	16.9 UJ	8.2 UJ	10 UJ	36.4 J
LEAD								1.1 J	1 U	1.3 U	1.1 U
MAGNESIUM	8280 J	90600 J	56700 J	147000 J	110 J	98500 J	177000 J	149000	133000	121000	147000
MANGANESE	253	561	416	2430	2 UJ	6570	5150	602	199	205	518
MERCURY								0.2 U	0.2 U	0.2 U	0.2 U
MOLYBDENUM								12.7 U	9.6 U	9.8 U	7.9 U
NICKEL								9.3 U	11.3 U	9.3 U	7.5 U
POTASSIUM	1230 J	65600	37100 J	69200	8880	1590 J	1030 J	4380 J	4950 J	5550	2500 J
SELENIUM								2.7 U	2.7 U	2.6 U	2.4 U
SILVER									2 U	0.9 U	0.9 U
SODIUM	278000	1560000	1180000	456000	580000	372000	1290000	157000 J	129000	116000	126000
THALLIUM								3.8 U	3.8 U	2.9 U	3.4 U
TITANIUM											
VANADIUM								9.4 J	4.2 U	7.2 U	4.9 UJ
ZINC	2.2 U	22 U	22 U	2.2 U	2.2 U	2.2 U	22 U	17 UJ	13.4 UJ	5.8 J	13.1 U

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-55: SITE 13 METALS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	DHP-S13-02	DHP-S13-03	DHP-S13-04	M07C-06	M07C-06	M07C-06	M07C-06	M07C-09	M07C-09	M07C-09	M07C-09
Sample Code	280-S13-073	280-S13-074	280-S13-075	280-S7C-049	280-S7C-050	280-S7C-051	280-S7C-053	280-S7C-062	280-S7C-063	280-S7C-064	280-S7C-065
Sampling Date	8/2/1994	7/20/1994	7/20/1994	11/10/1994	2/17/1995	6/20/1995	8/31/1995	11/10/1994	2/20/1995	6/21/1995	8/30/1995
Sampling Depth (feet bgs)	17.9 -	22 -	30 -	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte											
ALUMINUM	1230 U	84.6 J	42.4 U	28.2 U	40.8 U	20.7 U	10.9 UJ	66.1 UJ	40.8 U	20.7 U	15.5 UJ
ANTIMONY	8.6 J	6.4 J	5.6 J	3.3 U	4.4 U	6.4 U	5.6 U	3.3 U	2.2 U	6.4 U	5.6 U
ARSENIC	2.6 U	12.5	2.6 U	12.9	18.8 J	18	7.3 J	4.5 J	5 U	4 U	4.8 J
BARIUM	115 J	73 J	52.1 J	64.4 J	129 J	198 J	237	24.8 J	33.2 UJ	66.6 J	56.9 J
BERYLLIUM	1.1 U	1.9 J	1.4 J	1.4 J	0.8 U	0.7 U	0.22 UJ	1.1 J	0.8 U	0.7 U	0.1 U
CADMIUM	0.4 U	0.4 U	0.4 U	0.39 J	0.8 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.64 J
CALCIUM	50100	27700 J	17300 J	222000	245000	233000	214000	26800	25500	42700 J	44000
CHROMIUM	2.5 J	0.4 U	0.4 U	0.6 U	3.2 U	0.7 U	1.6 J	1.4 UJ	1.6 U	0.7 U	1 U
COBALT	6.6 U	6.6 UJ	6.6 UJ	7.7 U	5.6 U	4.6 U	3.8 U	7.7 U	5.6 U	4.6 U	3.8 U
COPPER	27.5	21 UJ	16.1 UJ	8.2 UJ	8.2 UJ	6.4 UJ	12 U	10.4 UJ	8.2 UJ	5.9 UJ	12 U
IRON	1330	78.3 J	71.4 J	17 UJ	56.9 UJ	94.8 UJ	16.8 UJ	66.9 UJ	6.7 U	3.2 U	4.8 U
LEAD	1.2 U	1.2 U	1.2 U	1.5 U	2 U	1.3 U	1.1 U	1.5 U	1 U	1.3 U	1.1 U
MAGNESIUM	71800	20100	13300	85300	86600	79300	73900	28000	26800	40400 J	39000
MANGANESE	1540	381 J	310 J	3400	6110	6130	5390	214	254	441	789
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 J	0.2 U	0.2 U	0.2 U
MOLYBDENUM	14 UJ	28.6 UJ	14 U	12.7 U	9.6 U	12.8 UJ	7.9 U	12.7 U	9.6 U	9.8 U	7.9 U
NICKEL	16.3 U	16.3 U	16.3 U	9.3 U	11.3 U	13.2 UJ	7.5 U	9.3 U	11.3 U	9.3 U	8.2 J
POTASSIUM	3330 J	7470	2270 J	7430	6470	6370	5780	2540 J	1980 J	4530 J	5860
SELENIUM	2.7 U	2.7 U	2.7 U	3 U	5.4 U	2.6 U	2.4 U	3 U	2.7 U	2.6 U	2.4 U
SILVER	0.9 U	1.2 UJ	4.6 UJ	1.4 U	4 U	0.9 U	0.9 U	1.4 U	2 U	0.9 U	0.9 U
SODIUM	388000	101000	84400	95600	104000	86700	84800	198000	188000	180000 J	177000
THALLIUM	5.9 UJ	4.5 UJ	3.4 UJ	4.9 UJ	7.6 U	2.9 U	10 J	2.4 UJ	3.8 U	2.9 U	3.4 U
TITANIUM											
VANADIUM	6.8 U	6.8 U	6.8 U	9.6 J	11 UJ	7.2 U	13.9 UJ	7 U	4.2 U	7.2 U	8.6 UJ
ZINC	10.7 UJ	68.2	41.1 UJ	19.4 UJ	7.4 UJ	11.3 UJ	17.1 J	13.8 UJ	6.7 UJ	7.2 UJ	13.1 U

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-55: SITE 13 METALS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 3 of 10)

Location	M13-06	M13-06	M13-06	M13-06	M13-07	M13-07	M13-07	M13-07	M13-08	M13-08	M13-08
Sample Code	280-S13-054	280-S13-055	280-S13-057	280-S13-058	280-S13-059	280-S13-060	280-S13-061	280-S13-062	280-S13-063	280-S13-065	280-S13-066
Sampling Date	10/21/1994	2/24/1995	6/27/1995	8/11/1995	11/1/1994	2/28/1995	6/28/1995	8/16/1995	12/14/1994	2/24/1995	6/28/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte											
ALUMINUM	28.2 U	40.8 U	20.7 U	8.4 U	28.2 U	40.8 U	20.7 U	23.9 UJ	28.2 U	40.8 U	20.7 U
ANTIMONY	3.3 U	2.2 U	6.4 U	5.6 U	3.3 U	2.2 U	6.4 U	5.6 U	2.2 U	2.2 U	6.4 U
ARSENIC	9.2 J	5 U	6.4 J	6.8 UJ	38.9	9.8 J	14.4	10.6 UJ	5 U	5 U	4 U
BARIUM	15.6 J	32.2 UJ	49.5 UJ	45.4 J	229	62.6 J	67.8 J	95.3 J	47.8 J	36 UJ	28.5 UJ
BERYLLIUM	1 U	1 J	0.7 U	0.1 U	1.3 J	1.5 J	0.7 U	0.1 U	2.2 J	1 J	0.7 U
CADMIUM	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	0.4 U	0.3 U
CALCIUM	30600	43900	57400	49500	180000	70700	93700	124000	19100	16000	9770
CHROMIUM	1.7 UJ	1.6 U	0.7 U	1 U	0.6 U	1.6 U	1 U	1 U	1.6 U	1.6 U	1 U
COBALT	7.7 U	5.6 U	5.2 UJ	3.8 U	7.7 U	5.6 U	4.6 U	3.8 U	7.7 U	5.6 U	4.6 U
COPPER	2.9 UJ	9.5 UJ	4.6 UJ	12 U	3.3 UJ	5.9 UJ	4.2 U	12 U	6.4 UJ	7.3 UJ	4.2 U
IRON	17.9 UJ	14.2 UJ	28.8 UJ	14 UJ	30900	3650	2710	5570	9.3 J	6.7 UJ	14.7 UJ
LEAD	1.5 U	1 U	1.3 U	1.1 U	1.5 U	1 U	1.3 U	1.1 U	1 U	1 U	1.3 U
MAGNESIUM	17500	21600	31900	28800	59900	22400	29200	37600	18300	15600	9850
MANGANESE	197	144	462	439	11000	1170	1260	2560	419	287	101
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MOLYBDENUM	12.7 U	9.6 U	10.4 UJ	7.9 U	12.7 U	9.6 U	9.8 U	7.9 U	12.7 U	9.6 U	9.8 U
NICKEL	9.3 U	11.3 U	9.3 U	7.5 U	14.7 J	11.3 U	9.3 U	7.5 U	9.3 U	11.3 U	9.3 U
POTASSIUM	6800	9740	9970	9590	4050 J	9560	10300	9910	763 UJ	2030 UJ	1020 U
SELENIUM	3 U	2.7 U	2.6 U	2.4 UJ	3 U	2.7 U	2.6 U	2.4 U	2.7 U	2.7 U	2.6 U
SILVER	2.7 UJ	2 U	0.9 U	0.9 U	1.4 U	2 U	0.9 U	0.9 U	2 U	2 U	0.9 U
SODIUM	86800	35700	62600	78100	316000	37200	91100	129000	134000	120000	70100
THALLIUM	2.3 U	3.8 U	2.9 U	3.4 U	2.3 U	3.8 U	3.4 U	3.4 U	3.8 U	3.8 U	3.4 U
TITANIUM											
VANADIUM	7 U	4.2 U	7.2 U	3.7 U	7 U	4.2 U	7.2 U	3.7 U	7 U	4.2 U	7.2 U
ZINC	42.4 UJ	12.4 UJ	13.1 J	28.2 UJ	19.4 J	7.4 UJ	8 UJ	13.1 U	11 UJ	9 UJ	5.3 U

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-55: SITE 13 METALS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-08	M13-09	M13-09	M13-09	M13-09	MW-1	MW-1	MW-1	MW-1	MWOR-1	MWOR-1
Sample Code	280-S13-067	280-S13-068	280-S13-069	280-S13-070	280-S13-071	280-S13-099	280-S13-149	280-S13-150	280-S13-151	280-S13-032	280-S13-033
Sampling Date	8/16/1995	12/9/1994	2/24/1995	6/28/1995	8/18/1995	12/6/1994	2/24/1995	6/27/1995	8/17/1995	10/20/1994	2/24/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte											
ALUMINUM	8.4 U	28.2 U	40.8 U	20.7 U	12.1 UJ	28.2 U	40.8 U	20.7 U	15.7 UJ	64.5 J	40.8 U
ANTIMONY	5.6 U	2.2 U	3.1 B	6.4 U	5.6 U	5.2 J	2.2 U	6.4 U	5.6 U	6.6 U	2.2 U
ARSENIC	2.8 U	9.8 J	7.4 B	8.9 J	4.8 UJ	28.8	7 J	8.3 J	13.6 UJ	8.6 J	5 U
BARIUM	48.4 J	52.5 J	31.3 B	31.9 UJ	47.8 J	75.5 J	70.9 J	35.5 UJ	68.7 J	72.4 J	62.4 J
BERYLLIUM	0.1 U	1.8 J	1.3 B	0.7 U	0.1 U	1.7 J	0.8 U	0.7 U	0.1 U	1 U	0.8 U
CADMIUM	0.3 U	0.4 U	0.4 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.6 U	0.4 U
CALCIUM	16900	54300	62600	56600	62800	42500	33900	22100	28400	206000	217000
CHROMIUM	1 U	1.6 U	1.6 U	1 U	1 U	0.6 U	1.6 U	0.7 U	1.1 J	2.8 UJ	1.6 U
COBALT	3.8 U	7.7 U	5.6 U	4.6 U	3.8 U	7.7 U	5.6 U	6.9 UJ	3.8 U	7.7 U	5.6 U
COPPER	12 U	5 UJ	3.3 B	4.2 U	12 U	9.6 UJ	5.5 UJ	4.2 U	12 U	5.8 UJ	2.5 U
IRON	4.8 U	126	1340	429 UJ	44.8 UJ	9740	6770	4330	6550	305	265
LEAD	1.1 U	1 U	1 U	1.3 U	1.1 U	1.5 U	1 U	1.3 U	1.7 UJ	3 U	1 U
MAGNESIUM	17700	30200	25500	22300	25900	29800	25000	16000	20300	20200	19100
MANGANESE	232	1910	3170	2530	2430	1020	820	660	803	2940	3070
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MOLYBDENUM	7.9 U	12.7 U	9.6 U	9.8 U	7.9 U	106 J	32.6 J	9.8 U	7.9 U	12.7 U	9.6 U
NICKEL	7.5 U	9.3 U	11.3 U	9.3 U	8.2 UJ	10 J	11.3 U	9.3 U	7.5 U	9.3 U	11.3 U
POTASSIUM	1200 J	3210 J	2090 B	1820 J	2240 J	15700	12700	14600	16500	6320	5150
SELENIUM	2.4 U	2.7 U	2.7 U	2.6 U	2.4 UJ	3 U	2.7 U	2.6 U	2.4 UJ	6 U	2.7 U
SILVER	0.9 U	2 U	2 U	0.9 U	0.9 U	1.4 U	2 U	0.9 U	0.9 U	2.8 U	2 U
SODIUM	122000	72500	40400	30200	33500	218000	187000	143000	144000	139000	117000
THALLIUM	3.4 U	3.8 U	3.8 U	3.4 U	3.4 U	3.6 UJ	3.8 U	2.9 U	3.4 U	4.6 U	3.8 U
TITANIUM											
VANADIUM	6.3 UJ	7 U	4.2 U	7.2 U	5.3 UJ	7 U	4.2 U	7.2 U	3.7 U	7 U	4.2 U
ZINC	13.1 U	12.2 UJ	10.2 B	12.3 UJ	13.6 UJ	13.1 UJ	15.2 UJ	5.3 U	13.1 UJ	5.5 UJ	13.3 UJ

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-55: SITE 13 METALS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-1	MWOR-2	MWOR-2	MWOR-2	MWOR-2	MWOR-3	MWOR-3	MWOR-3	MWOR-3	MWOR-4
Sample Code	280-S13-034	280-S13-035	280-S13-037	280-S13-038	280-S13-039	280-S13-040	280-S13-041	280-S13-042	280-S13-043	280-S13-045	280-S13-046
Sampling Date	6/27/1995	8/9/1995	10/20/1994	2/24/1995	6/27/1995	8/9/1995	10/20/1994	2/28/1995	6/27/1995	8/10/1995	10/20/1994
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte											
ALUMINUM	20.7 U	31.6 UJ	28.2 U	40.8 U	27.7 J	17.3 UJ	44.8 J	40.8 U	59.2 J	20.4 UJ	28.2 U
ANTIMONY	6.4 U	6.1 UJ	3.3 U	2.2 U	6.4 U	11.2 U	3.3 U	2.2 U	6.4 U	5.6 U	3.3 U
ARSENIC	4 U	2.8 U	3.4 U	5 U	4 U	5.6 U	5 J	5 U	4 U	2.9 UJ	3.4 U
BARIUM	58.4 J	69 J	35.2 J	22.9 UJ	6.7 U	26.5 J	56.2 J	48.3 J	49 J	50.7 J	57.1 J
BERYLLIUM	0.7 U	0.1 U	1 U	0.8 U	0.7 U	0.1 U	1 U	0.8 U	0.7 U	0.1 U	1 U
CADMIUM	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.6 U	0.3 U	0.53 J	0.3 U	0.3 U	0.3 U
CALCIUM	203000	200000	28100	22100	89.8 U	24600	35700	43300	41900	33900	22900
CHROMIUM	0.7 U	1 U	1.2 UJ	3.9 J	1.7 UJ	4 J	0.95 UJ	3.3 J	2.7 UJ	2.6 J	0.79 UJ
COBALT	5.3 UJ	4.2 J	7.7 U	5.6 U	4.6 U	3.8 U	7.7 U	5.6 U	4.6 U	3.8 U	7.7 U
COPPER	4.2 U	12 U	10.2 UJ	6.5 UJ	4.2 U	12 U	10.2 UJ	42.5 UJ	4.4 UJ	12 U	7.4 UJ
IRON	676	390	46 UJ	15.3 UJ	23.2 UJ	4.8 U	66.7 UJ	22.2 UJ	53.4 UJ	4.8 U	36.4 UJ
LEAD	1.3 U	1.1 U	1.5 U	1 U	1.3 U	2.2 U	1.5 U	8.4 UJ	1.3 U	1.1 U	1.5 U
MAGNESIUM	18600	18200	18600	13600	32.4 U	13100	15700	14800	13400	14900	12100
MANGANESE	2870	2650	63	57.4	1.2 U	29.4	4.1 J	2.5 J	9.5 J	15.5	8.1 J
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MOLYBDENUM	9.8 U	7.9 U	12.7 U	9.6 U	9.8 U	7.9 U	12.7 U	9.6 U	11.1 J	9.1 J	12.7 U
NICKEL	9.3 U	7.5 U	9.3 U	11.3 U	9.3 U	7.5 U	9.3 U	11.3 U	9.3 U	7.5 U	9.3 U
POTASSIUM	5240	5760	9780	7620	1020 U	6240	14500	11600	12900	13600	2380 J
SELENIUM	2.6 U	2.4 U	3 U	2.7 U	3.6 UJ	4.8 U	3 U	2.7 U	3.4 UJ	2.4 U	3 U
SILVER	0.9 U	0.9 U	1.4 U	2 U	0.9 U	1.8 U	1.4 U	2 U	0.9 U	0.9 U	1.4 U
SODIUM	119000	111000	145000	112000	351 J	47700	132000	73800	73000	81200	35700
THALLIUM	2.9 U	3.4 U	2.3 U	3.8 U	4 J	6.8 U	2.3 U	3.8 U	2.9 U	3.4 U	2.3 U
TITANIUM											
VANADIUM	7.2 U	3.7 U	7 U	8.4 UJ	7.2 U	3.7 U	7.7 J	4.2 U	12.1 J	7.4 UJ	7 U
ZINC	5.3 U	13.1 U	10.7 UJ	9.7 UJ	5.3 U	13.1 U	8.4 UJ	5.3 UJ	5.3 U	13.1 U	8.7 UJ

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-55: SITE 13 METALS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-4	MWOR-4	MWOR-4	M13-06	M13-06	M13-06	M13-06	M13-09	M13-09	M13-09	M13-09
Sample Code	280-S13-047	280-S13-048	280-S13-049	108-S13-001	108-S13-005	108-S13-009	108-S13-013	108-S13-002	108-S13-006	108-S13-010	108-S13-014
Sampling Date	2/23/1995	6/26/1995	8/17/1995	11/6/1997	2/10/1998	5/6/1998	8/7/1998	11/6/1997	2/10/1998	5/12/1998	8/7/1998
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998
Analyte											
ALUMINUM	40.8 U	25 J	58.3 UJ	12.2 U	51.1 UJ	255	7.4 U	12.2 U	28.9 UJ	206	7.4 U
ANTIMONY	2.2 U	6.4 U	5.6 U	0.65 U	0.7 U	1.5 UJ	3.3 UJ	0.65 U	0.7 U	0.85 U	2.7 UJ
ARSENIC	5 U	4 U	2.8 U	6.6	0.8 U	1.2 UJ	9.5 UJ	7.9	5 UJ	1.4 J	4.3 UJ
BARIUM	56.7 J	35.3 UJ	48.9 J	39.5 J	47.1 J	321	56.9 J	80.3 J	63.2 J	310	100 J
BERYLLIUM	1.4 J	0.7 U	0.1 U	0.15 U	0.1 U	0.1 U	0.2 U	0.15 U	0.1 U	0.1 U	0.2 U
CADMIUM	0.4 U	0.3 U	0.3 U	0.36 UJ	0.2 U	0.15 U	0.3 U	0.4 UJ	0.22 J	0.51 J	5.3
CALCIUM	28000	18600	18900	44400	31700	49100	53900	57100	62200	59400	61100
CHROMIUM	1.6 U	0.7 U	1 U	0.3 U	1.1 UJ	1.3 J	0.8 U	0.58 UJ	0.68 UJ	1.1 J	0.8 U
COBALT	5.6 U	4.6 U	3.8 U	0.4 U	0.25 U	0.3 U	3.2 J	2.3 J	1.5 UJ	1.2 J	4.3 J
COPPER	3.3 UJ	4.2 U	12 U	0.65 U	2.7 UJ	3.7 UJ	1.1 UJ	0.92 UJ	0.7 UJ	3.7 UJ	2.1 UJ
IRON	15.3 UJ	13.8 UJ	17.3 UJ	104	44.1 UJ	168	12.5 U	1230	4870	227	2380
LEAD	1 U	1.3 U	2.2 UJ	0.65 U	0.62 UJ	0.5 U	1.7 U	0.78 UJ	1 UJ	1.1 UJ	1.7 U
MAGNESIUM	15300	10300	10300	24200	8580	15300	4690 J	21200	22100	18900	19800
MANGANESE	6.6 J	5.4 J	24	449	2.8 UJ	77.7	86.4	2970	3090	1720	2970
MERCURY	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MOLYBDENUM	9.6 U	9.8 U	7.9 U	1.9 UJ	2.6 UJ	2.6 J	3 J	0.3 U	0.25 U	0.5 U	1 U
NICKEL	11.3 U	9.3 U	7.5 U	1.9 UJ	1.3 UJ	1.8 J	0.82 UJ	6.3 UJ	2.6 UJ	3.8 J	4.2 UJ
POTASSIUM	2340 UJ	1910 J	2480 J	10500	6290 J	9860	4800 J	2380 J	1970 J	3430 J	2620 J
SELENIUM	2.7 U	2.6 U	2.4 UJ	1.2 J	0.8 U		2.2 UJ	1.6 J	0.8 U	0.85 UJ	2.2 UJ
SILVER	2 U	0.9 U	0.9 U	0.35 U	0.15 UJ	0.3 U	0.7 U	0.68 J	0.31 J	0.3 U	0.7 U
SODIUM	38400	27800	29500	48100	12600	16300	17200	28600	30800	35500	28900
THALLIUM	3.8 U	2.9 U	3.4 U	0.9 U	1.3 U	1.4 U		0.9 U	1.3 U	1.4 U	
TITANIUM							1.1 U				1.1 U
VANADIUM	4.2 U	7.2 U	3.7 U	0.4 U	1.8 UJ	2.8 J	1.8 J	0.87 UJ	0.3 U	0.76 UJ	0.63 J
ZINC	12.1 UJ	5.3 U	17.2 UJ	13 UJ	20.2	96.2	3.8 UJ	10.2 UJ	8.5 J	118	5.8 UJ

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-55: SITE 13 METALS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
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Location	D13-01	D13-01	M07C-06	M07C-06	M07C-09	M07C-09	M13-06	M13-06	M13-07
Sample Code	D13-01-A1639	D13-01-A1138	M07C-06-A1640	M07C-06-A1139	M07C-09-A1642	MW7C-09-A1141	M13-06-A1645	M13-06-A1144	M13-07-A1646
Sampling Date	12/17/2002	7/8/2002	12/17/2002	6/21/2002	12/17/2002	6/19/2002	12/17/2002	6/18/2002	12/17/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte									
ALUMINUM	4.8 J	260	7.2 J	100 U	4.6 J	100 U	8.1 J	100 U	12 J
ANTIMONY	0.17 J	0.096 U	0.17 J	0.24 J	0.097 J	0.093 U	0.22 J	0.15 J	0.17 J
ARSENIC	2.7 J	2.4 J	96	12	5.7	5.5	2.1 J	6	41
BARIUM	310	260	530	500	45	72	58	49	160
BERYLLIUM	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
CADMIUM	0.11 U	5 U	0.086 U	0.26 J	5 U	5 U	0.1 U	5 U	0.071 U
CALCIUM	140000	130000	230000	190000	34000	54000	50000	60000	110000
CHROMIUM	0.09 J	10 U	10 U	1.5 J	10 U	2.3 J	0.62 J	2.7 J	0.53 J
COBALT	0.6 J	0.53 U	2.1 J	3.1 J	1.2 J	1.6 U	0.14 J	0.29 J	0.48 J
COPPER	1.9 J	10 U	0.61 J	0.71 J	2.9 J	4 J	2.2 J	1.4 J	21
IRON	650	100 U	22000	2000	140 U	120	220	140	36000
LEAD	0.31 U	3 U	0.24 U	0.17 J	0.28 U	0.022 U	0.23 U	0.13 J	0.29 U
MAGNESIUM	150000	140000	69000	52000	23000	31000	14000	17000	30000
MANGANESE	580	540	7800	6000	1200	1200	42	310	4200
MERCURY	0.046 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.052 J	0.2 U
MOLYBDENUM	0.56 U	20 U	2.4 J	1.7 U	3.3 J	2.6 U	2.9 J	1.8 U	0.48 J
NICKEL	20 UJ	20 U	20 UJ	6.1 J	20 UJ	7.7 J	20 UJ	1.6 J	20 UJ
POTASSIUM	2200	2300	4500	4600	7200	9300	7100	7700	4500
SELENIUM	5 UJ	2.4 J	5 UJ	0.9 J	5 UJ	0.36 J	5 UJ	5 U	5 UJ
SILVER	5 U	5 U	5 U	0.1 U	5 U	5 U	5 U	0.037 J	5 U
SODIUM	140000	130000	71000	47000	91000	65000	36000	55000	130000
THALLIUM	0.098 U	0.14 U	0.36 U	2 U	0.23 U	0.098 U	0.15 U	0.037 U	0.2 U
TITANIUM									
VANADIUM	3.9 J	10 U	10 U	4.4 J	6.3 J	11	2.1 J	2.3 J	0.33 J
ZINC	20 U	20 U	20 U	18 J	20 U	2 J	0.84 J	8.4 J	15 J

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-55: SITE 13 METALS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
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Location	M13-07
Sample Code	M13-07-A1145
Sampling Date	6/18/2002
Sampling Depth (feet bgs)	-
Units	UG/L
Investigation	GWM 2003
Analyte	
ALUMINUM	66 J
ANTIMONY	0.18 J
ARSENIC	50
BARIUM	190
BERYLLIUM	0.14 J
CADMIUM	5 U
CALCIUM	120000
CHROMIUM	7.2 J
COBALT	0.5 J
COPPER	2.2 J
IRON	35000
LEAD	0.54 J
MAGNESIUM	30000
MANGANESE	5200
MERCURY	0.2 U
MOLYBDENUM	0.86 U
NICKEL	2 J
POTASSIUM	4500
SELENIUM	1.1 J
SILVER	0.089 J
SODIUM	120000
THALLIUM	0.28 U
TITANIUM	
VANADIUM	3.4 J
ZINC	1.8 J

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-55: SITE 13 METALS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
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Location	M13-08	M13-08	M13-09	M13-09	MW-1	MW-1	MWOR-4	MWOR-4	MW-1	B-IMF-09	B-IMF-10
Sample Code	M13-08-A1647	M13-08-A1146	M13-09-A1648	M13-09-A1147	MW-1-A1649	MW-1-A1148	MWOR-4-A1660	MWOR-4-A1159	18623-1	B-IMF-09	B-IMF-10
Sampling Date	12/17/2002	6/20/2002	12/17/2002	6/19/2002	12/17/2002	6/18/2002	12/17/2002	6/19/2002	11/3/1989	4/3/1992	4/3/1992
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	6 -	10 - 10.5
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	IMF PH0	IMF RA	IMF RA
Analyte											
ALUMINUM		100 U	24 J	100 U	97 J	110	6 J	100 U			
ANTIMONY	50 U	0.051 J	0.24 J	0.26 U	0.54 J	0.44 J	0.15 J	0.12 U	0.05 U		
ARSENIC	0.58 J	1.4 U	0.21 J	1.7 U	9.7	11	0.64 J	1.1 J	0.05 U		
BARIUM	37	42 J	120	120	100	140	64	60	0.4		
BERYLLIUM	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.01 U		
CADMIUM	0.072 U	5 U	0.24 U	0.065 J	0.069 U	5 U	5 U	5 U	0.01 U		
CALCIUM	14000	16000	73000	78000	92000	41000	28000	27000			
CHROMIUM	10 U	10 U	10 U	2.3 J	1.2 J	3.1 J	0.23 J	1.5 J	0.01 U		
COBALT	0.42 J	0.42 J	0.94 J	0.69 U	27	0.61 J	0.1 J	0.093 U	0.01 U		
COPPER	2.4 J	2.3 J	1.1 J	0.85 J	4.6 J	0.57 J	1.2 J	1.1 J	0.02 U		
IRON	79 U	7.4 J	650	420	60000	8700	140 U	56 J			
LEAD	0.17 U	0.81 J	0.18 U	0.16 U	6.7	0.52 J	0.23 U	0.045 U	0.05	1770	76.5
MAGNESIUM	14000	17000 J	25000	23000	49000	26000	14000	12000			
MANGANESE	150	140 J	2800	1400	3700	920	1.8 J	1.4 J			
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.001 U		
MOLYBDENUM	0.41 J	0.42 J	0.66 J	20 U	1.5 J	2 U	0.85 U	0.64 U	0.01 U		
NICKEL	20 UJ	4 J	20 UJ	4.1 J	20 UJ	2.9 J	20 UJ	2.5 J	0.02		
POTASSIUM	680	750	2400	2600	29000	16000	3100	2700			
SELENIUM	5 UJ	5 U	5 UJ	0.68 J	5 UJ	5 U	5 UJ	0.82 J	0.05 U		
SILVER	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.02 U		
SODIUM	110000	120000	36000	34000	54000	45000	39000	31000			
THALLIUM	0.088 U	2 U	0.12 U	2 U	0.6 U	0.47 U	0.061 U	0.19 U	0.05 U		
TITANIUM											
VANADIUM	3.7 J	7 J	10 U	1.5 J	1.3 J	2.2 J	2 J	2.7 J	0.01		
ZINC	2.8 J	17 J	6 J	14 J	25 J	0.89 J	20 U	1.2 J	0.01 U		

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-55: SITE 13 METALS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M-IMF-01	M-IMF-01	M-IMF-02	MW-1	MWOR-4
Sample Code	M-IMF-01	MIMF-01	M-IMF-02	MW-1 [10/15/90]	MWOR-4 [08/28/90]
Sampling Date	4/17/1992	8/14/1991	4/17/1992	10/15/1990	8/27/1990
Sampling Depth (feet bgs)	-	-	-	-	-
Units	UG/L	UG/L	UG/L	MG/L	MG/L
Investigation	IMF RA	IMF RA	IMF RA	PH 1&2A 1991	PH 1&2A 1991
Analyte					
ALUMINUM		44.3		50	244
ANTIMONY		30		0.06 U	0.06 U
ARSENIC		9.1		0.2 U	0.05 U
BARIUM		22.1		0.66	1.7
BERYLLIUM		1.3 U		0.005 U	0.006
CADMIUM		3 U		0.005 U	0.005 U
CALCIUM		246000		82	61
CHROMIUM		5.7 U		0.15	0.72
COBALT		6.1 U		0.05 U	0.17
COPPER		2.1 U		0.051	0.19
IRON		2860		92	300
LEAD	1.5	2 U	92.2	0.05 U	0.05 U
MAGNESIUM		322000		81	80
MANGANESE		2170		2.7	4.8
MERCURY		0.2 U			
MOLYBDENUM				0.05 U	0.05 U
NICKEL		34.4		0.19	0.92
POTASSIUM		115000		25	16
SELENIUM		2.1 U		0.1 U	0.12
SILVER		4.9 U		0.01 U	0.01 U
SODIUM		3060000		506	47
THALLIUM		2.7 U		0.1 U	0.05 U
TITANIUM				1.3	5.6
VANADIUM		33.2		0.13	0.55
ZINC		4		0.18	0.56

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-56: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	D13-01	M07C-06	M07C-09	M13-06	M13-07	M13-07	M13-08	M13-09	MW-1
Sample Code	385-S13-011	385-S22-006	385-S22-009	385-S13-006	385-S13-007	385-S13-007A	385-S13-008	385-S13-009	385-S13-010
Sampling Date	6/29/2001	7/5/2001	7/5/2001	6/27/2001	6/27/2001	6/28/2001	6/28/2001	6/28/2001	6/27/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-
Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS
Analyte									
DIESEL RANGE ORGANICS	0.1 U	0.1 U	0.1 U	0.1 U		4.47 J	0.1 U	0.75 D	
GASOLINE RANGE ORGANICS	0.05 U	0.03 J	0.03 J	0.05 U	0.39 J		0.05 U	0.05 U	0.15 H
JET FUEL									
JP5 RANGE ORGANICS	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	
MOTOR OIL RANGE ORGANICS	0.1 U	0.48 M	0.65 M	0.77 M		0.1 U	0.1 U	0.1 U	
OTHER TPH COMPONENTS, TOTAL									

Location	MW-1	MWOR-1	MWOR-2	MWOR-2	MWOR-3	MWOR-4	S13-DGS-VE01	S13-DGS-VE02	S13-DGS-VE02
Sample Code	385-S13-010A	385-S13-001	385-S13-002	385-S13-002A	385-S13-003	385-S13-004	385-S13-014	385-S13-017A	385-S13-017
Sampling Date	6/28/2001	6/27/2001	6/28/2001	7/19/2001	6/28/2001	6/29/2001	8/8/2001	8/7/2001	8/7/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-	5.5 - 8	8.5 - 10	8.5 - 10
Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/L	MG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS
Analyte									
DIESEL RANGE ORGANICS	4.12 D	0.1 U		0.1 U	0.1 U	0.1 U	200 U	0.1 U	200 U
GASOLINE RANGE ORGANICS		0.05 U	0.05 U		0.05 U	0.05 U	50 U	0.05 U	50 U
JET FUEL									
JP5 RANGE ORGANICS	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U		0.1 U	
MOTOR OIL RANGE ORGANICS	0.1 U	0.49 M		0.1 U	0.47 M	0.1 U	1300	1.9 M	200 U
OTHER TPH COMPONENTS, TOTAL									

Location	S13-DGS-VE03	13GB005	13GB100	B13-28	B13-29	B13-30	D13-01	DHP-S13-02	DHP-S13-03
Sample Code	385-S13-027	GPW13-500	GPW13-100	280-S13-106	280-S13-146	280-S13-108	280-S13-100	280-S13-073	280-S13-074
Sampling Date	4/26/2002	8/17/1994	8/17/1994	12/9/1994	12/9/1994	12/9/1994	12/16/1994	8/2/1994	7/20/1994
Sampling Depth (feet bgs)	7 -	5 - 6	5 - 6	6 - 6.5	5.5 - 6	5.5 - 6	-	17.9 -	22 -
Units	MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
DIESEL RANGE ORGANICS	0.1	100 U	100 U	20000 J	49000 J	88000 J	100 U	100 U	100 U
GASOLINE RANGE ORGANICS	0.06 UJ	50 U	50 U	6000	2200 J	2500 J	50 U	50 U	50 U
JET FUEL									
JP5 RANGE ORGANICS	0.098 U	100 U	200 U	500 U	2000 U	2000 U	100 U	100 U	100 U
MOTOR OIL RANGE ORGANICS	3.85	500 U	500 U	2500 U	10000 U	10000 U		1370 J	2270 J
OTHER TPH COMPONENTS, TOTAL									

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-56: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	DHP-S13-04	M07C-06	M07C-06	M07C-06	M07C-06	M07C-09	M07C-09	M07C-09	M07C-09	M13-06
Sample Code	280-S13-075	280-S7C-049	280-S7C-050	280-S7C-051	280-S7C-053	280-S7C-062	280-S7C-063	280-S7C-064	280-S7C-065	280-S13-054
Sampling Date	7/20/1994	11/10/1994	2/17/1995	6/20/1995	8/31/1995	11/10/1994	2/20/1995	6/21/1995	8/30/1995	10/21/1994
Sampling Depth (feet bgs)	30 -	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
DIESEL RANGE ORGANICS	100 U	100 U	100 U	440 J	480 J	100 U	100 U	100 U	100 U	100 U
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
JET FUEL										
JP5 RANGE ORGANICS	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
MOTOR OIL RANGE ORGANICS	2100 J	500 U	670 J	200 U	500 U	500 U	500 U	390 J	500 U	1750 J
OTHER TPH COMPONENTS, TOTAL										

Location	M13-06	M13-06	M13-06	M13-07	M13-07	M13-07	M13-07	M13-08	M13-08	M13-08
Sample Code	280-S13-055	280-S13-057	280-S13-058	280-S13-059	280-S13-060	280-S13-061	280-S13-062	280-S13-063	280-S13-065	280-S13-066
Sampling Date	2/24/1995	6/27/1995	8/11/1995	11/1/1994	2/28/1995	6/28/1995	8/16/1995	12/14/1994	2/24/1995	6/28/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
DIESEL RANGE ORGANICS	100 U	100 U	100 U	6160 J	1500 J	1800 J	2800 J	100 U	100 U	220 J
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	2570 J	740 J	420 J	560 J	50 U	50 U	50 U
JET FUEL										
JP5 RANGE ORGANICS	100 U	100 U	100 U	400 U	100 U	100 U	100 U	100 U	100 U	100 U
MOTOR OIL RANGE ORGANICS	1100 J	740 J	920 J	800 U	500 U	500 U	500 U	500 U	250 J	500 U
OTHER TPH COMPONENTS, TOTAL										

Location	M13-08	M13-09	M13-09	M13-09	M13-09	MW-1	MW-1	MW-1	MW-1	MWOR-1
Sample Code	280-S13-067	280-S13-068	280-S13-069	280-S13-070	280-S13-071	280-S13-099	280-S13-149	280-S13-150	280-S13-151	280-S13-032
Sampling Date	8/16/1995	12/9/1994	2/24/1995	6/28/1995	8/18/1995	12/6/1994	2/24/1995	6/27/1995	8/17/1995	10/20/1994
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
DIESEL RANGE ORGANICS	100 U	1100 J	1400 J	1300 J	1000 J	10000 J	7600 J	6200 J	5400 J	100 U
GASOLINE RANGE ORGANICS	50 U	120 J	110 J	93 J	50 U	220 J	200 J	250 J	220 J	50 U
JET FUEL										
JP5 RANGE ORGANICS	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
MOTOR OIL RANGE ORGANICS	500 U	500 U	200 U	500 U	500 U	500 U	200 U	500 U	500 U	750 J
OTHER TPH COMPONENTS, TOTAL										

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-56: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-1	MWOR-1	MWOR-1	MWOR-2	MWOR-2	MWOR-2	MWOR-2	MWOR-3	MWOR-3	MWOR-3
Sample Code	280-S13-033	280-S13-034	280-S13-035	280-S13-037	280-S13-038	280-S13-039	280-S13-040	280-S13-041	280-S13-042	280-S13-043
Sampling Date	2/24/1995	6/27/1995	8/9/1995	10/20/1994	2/24/1995	6/27/1995	8/9/1995	10/20/1994	2/28/1995	6/27/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
DIESEL RANGE ORGANICS	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
JET FUEL										
JP5 RANGE ORGANICS	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
MOTOR OIL RANGE ORGANICS	610 J	690 J	590 J	500 U	500 U	500 U	500 U	580 J	500 U	520 J
OTHER TPH COMPONENTS, TOTAL										

Location	MWOR-3	MWOR-4	MWOR-4	MWOR-4	MWOR-4	M13-06	M13-06	M13-06	M13-06	M13-06
Sample Code	280-S13-045	280-S13-046	280-S13-047	280-S13-048	280-S13-049	108-S13-001	108-S13-001	108-S13-005	108-S13-005	108-S13-009
Sampling Date	8/10/1995	10/20/1994	2/23/1995	6/26/1995	8/17/1995	11/6/1997	11/6/1997	2/10/1998	2/10/1998	5/6/1998
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	UG/L	MG/L	UG/L	MG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998
Analyte										
DIESEL RANGE ORGANICS	100 U	100 U	100 U	100 U	100 U	0.1 UJ		0.12 UJ		0.12 U
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	50 U	50 U		50 U		50 U	
JET FUEL										
JP5 RANGE ORGANICS	100 U	100 U	100 U	100 U	100 U					
MOTOR OIL RANGE ORGANICS	500 U	500 U	200 U	500 U	500 U	0.3 Y		0.25 UJ		0.25 U
OTHER TPH COMPONENTS, TOTAL										

Location	M13-06	M13-06	M13-09	M13-09	M13-09	M13-09	M13-09	M13-09	M13-09	M13-09
Sample Code	108-S13-009	108-S13-013	108-S13-002	108-S13-002	108-S13-006	108-S13-006	108-S13-010	108-S13-010	108-S13-014	108-S13-014
Sampling Date	5/6/1998	8/7/1998	11/6/1997	11/6/1997	2/10/1998	2/10/1998	5/12/1998	5/12/1998	8/7/1998	8/7/1998
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	MG/L	UG/L	MG/L	UG/L	MG/L	UG/L	MG/L	UG/L
Investigation	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998
Analyte										
DIESEL RANGE ORGANICS			0.1 J		0.13 J		0.1 J		0.079 J	
GASOLINE RANGE ORGANICS	50 U	50 UJ		50 U		50 U		31 J		50 UJ
JET FUEL										
JP5 RANGE ORGANICS										
MOTOR OIL RANGE ORGANICS			0.7 Y		0.45 J		0.36 J		0.34 J	
OTHER TPH COMPONENTS, TOTAL										

Notes:
UG/L Micrograms per liter
MG/L Milligrams per liter

TABLE E-56: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	D13-01	D13-01	M07C-06	M07C-06	M07C-06	M07C-06	M07C-09	M07C-09	M07C-09
Sample Code	D13-01-A1639	D13-01-A1138	M07C-06-A1640	M07C-06-A1993	M07C-06-A1139	M07C-06-A1339	M07C-09-A1642	M07C-09-A1994	MW7C-09-A1141
Sampling Date	12/17/2002	7/8/2002	12/17/2002	4/14/2003	6/21/2002	9/5/2002	12/17/2002	4/10/2003	6/19/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte									
DIESEL RANGE ORGANICS	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	150 hy
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	50 U	50 U	19 U	50 U	19 U	50 U
JET FUEL									
JP5 RANGE ORGANICS	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 U
MOTOR OIL RANGE ORGANICS	300 U	300 UJ	300 U	300 U	300 U	300 U	300 U	300 U	290 J
OTHER TPH COMPONENTS, TOTAL									

Location	M07C-09	M13-06	M13-06	M13-07	M13-07	M13-08	M13-08	M13-09	M13-09
Sample Code	M07C-09-A1340	M13-06-A1645	M13-06-A1144	M13-07-A1646	M13-07-A1145	M13-08-A1647	M13-08-A1146	M13-09-A1648	M13-09-A1147
Sampling Date	9/4/2002	12/17/2002	6/18/2002	12/17/2002	6/18/2002	12/17/2002	6/20/2002	12/17/2002	6/19/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte									
DIESEL RANGE ORGANICS	50 U	50 U	50 U		580 ly	50 U	50 U	50 U	680 hy
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	520	530	50 U	50 U	50 U	45 U
JET FUEL									
JP5 RANGE ORGANICS	50 U	50 U	50 U	810 y	1100 y	50 U	50 U	50 U	71 hly
MOTOR OIL RANGE ORGANICS	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	840
OTHER TPH COMPONENTS, TOTAL									

Location	MW-1	MW-1	MWOR-4	MWOR-4	MW-1
Sample Code	MW-1-A1649	MW-1-A1148	MWOR-4-A1660	MWOR-4-A1159	18623-1
Sampling Date	12/17/2002	6/18/2002	12/17/2002	6/19/2002	11/3/1989
Sampling Depth (feet bgs)	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	MG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	IMF PH0
Analyte					
DIESEL RANGE ORGANICS	580 y	960 y	50 U	50 U	0.5 U
GASOLINE RANGE ORGANICS	74	230	50 U	50 U	11 J
JET FUEL					0.5 U
JP5 RANGE ORGANICS	200 y	540 hy	50 U	50 U	
MOTOR OIL RANGE ORGANICS	450 y	640 I	300 U	300 U	
OTHER TPH COMPONENTS, TOTAL					0.5 U

Notes:
UG/L Micrograms per liter
MG/L Milligrams per liter

TABLE E-57: SITE 13 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

(Page 1 of 1)

Location	M-IMF-01	MWOR-2	MWOR-3	MWOR-4
Sample Code	MIMF-01	MWOR-2 [08/27/90]	MWOR-3 [08/27/90]	MWOR-4 [08/28/90]
Sampling Date	8/9/1991	8/27/1990	8/27/1990	8/27/1990
Sampling Depth (feet bgs)	-	-	-	-
Units*	MG/L	MG/L	MG/L	MG/L
Investigation	IMF RA	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	350	0.08	0.05 U	0.05 U

Notes:

*	Unless otherwise specified
MG/L	Milligrams per liter

TABLE E-58: SITE 13 DISSOLVED GASES IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	D13-01	D13-01	M07C-06	M07C-06	M07C-09	M07C-09	M13-06	M13-06
Sample Code	D13-01-A1639	D13-01-A1138	M07C-06-A1640	M07C-06-A1139	M07C-09-A1642	MW7C-09-A1141	M13-06-A1645	M13-06-A1144
Sampling Date	12/17/2002	7/8/2002	12/17/2002	6/21/2002	12/17/2002	6/19/2002	12/17/2002	6/18/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-
Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte								
ETHANE	0 01 U	0 01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHENE	0 01 U	0 01 U	0 01 U	0 01 U	0 01 U	0.01 U	0.01 U	0.01 U
METHANE	0 01 U	0 01 U	3	0 64	0.012	0.033	0.011	0.018

Location	M13 07	M13 07	M13-08	M13-08	M13-09	M13-09	MW-1	MW-1
Sample Code	M13 07-A1646	M13-07-A1145	M13-08-A1647	M13-08-A1146	M13-09-A1648	M13-09-A1147	MW-1-A1649	MW-1-A1148
Sampling Date	12/17/2002	6/18/2002	12/17/2002	6/20/2002	12/17/2002	6/19/2002	12/17/2002	6/18/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-
Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte								
ETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHANE	12	12	0.01 U	0.01 U	0.072	0.03	10	4.9

Location	MWOR-4	MWOR-4
Sample Code	MWOR-4-A1660	MWOR-4-A1159
Sampling Date	12/17/2002	6/19/2002
Sampling Depth (feet bgs)	-	-
Units	MG/L	MG/L
Investigation	GWM 2003	GWM 2003
Analyte		
ETHANE	0.01 U	0.01 U
ETHENE	0.01 U	0.01 U
METHANE	0.01 U	0.01 U

Notes:

MG/L Milligrams per liter

TABLE E-59: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	B13-38	B13-39	B13-40	B13-41	B13-42	B13-43	B13-44	D13-01	D13-01
Sample Code	ALA13B38-W	ALA13B39-W	ALA13B40-W	ALA13B41-W	ALA13B42-W	ALA13B43-W	ALA13B44-W	280-S13-100	280-S13-111
Sampling Date	4/4/1994	4/4/1994	4/4/1994	4/5/1994	4/5/1994	4/5/1994	4/6/1994	12/16/1994	2/23/1995
Sampling Depth (feet bgs)	16 -	17.5 -	17.5 -	16 -	21 -	16 -	15.5 -	-	-
Units*	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
ACIDITY								10 U	10 U
BICARBONATE									
BICARBONATE ALKALINITY									
BROMIDE									
CARBONATE									
CARBONATE ALKALINITY									
CHLORIDE	39	2360	1450	973	209	497	574	443	454
COD (TOTAL)								63	49
CONDUCTANCE, UHMOS/CM								2300	
DISSOLVED ORGANIC CARBON	16.3 J	6.6 J	0.7 J	4.5 J	44.4 J	14.2 J	32.5 J		
DISSOLVED OXYGEN									
DISSOLVED SULFIDES									
FLUORIDE	1.1	0.7	0.7	0.6	2.4	0.5 U	0.5 U	0.1 U	0.1 U
HARDNESS	58	625	379	1240	48.9	700	986	950	930
HYDROXIDE ALKALINITY									
NITRATE									
NITRATE/NITRITE (AS N)	0.1 J	0.12 J	0.1 J	0.07 J	0.07 J	0.07 J	0.05 UJ	56.2	49.4
NITRITE									
OIL & GREASE									
ORTHOPHOSPHATE	0.25	0.14	0.27	0.08	0.22	0.08	0.69		
PH, UNITS	7.26	7.64	7.67	6.84	11.49	6.87	7.11	7.7	8
PHENOLPHTHALEIN ALKALINITY									
PHOSPHATE									
SULFATE	32.6	121	106	293	218	64.8	10 U	133	129
SULFIDE									
SURFACTANTS (MBAS)	0.57 J	0.27 J	0.53 J	1.5 J	1.4 J	0.54 J	2.1 J		
TDS	768	4820	3380	2660	2150	1710	4340	1400	1400
TOTAL ALKALINITY	556	749	761	444	744	704	2880	268	254
TOTAL ORGANIC CARBON								7 J	6

Notes:

* Unless otherwise specified

MG/L *Milligrams per liter*

UHMOS/CM Microhmos per centimeter

TABLE E-59: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	D13-01	D13-01	DHP-S13-02	DHP-S13-03	DHP-S13-04	M07C-06	M07C-06	M07C-06	M07C-06	M07C-09
Sample Code	280-S13-112	280-S13-113	280-S13-073	280-S13-074	280-S13-075	280-S7C-049	280-S7C-050	280-S7C-051	280-S7C-053	280-S7C-062
Sampling Date	6/26/1995	9/19/1995	8/2/1994	7/20/1994	7/20/1994	11/10/1994	2/17/1995	6/20/1995	8/31/1995	11/10/1994
Sampling Depth (feet bgs)	-	-	17.9 -	22 -	30 -	-	-	-	-	-
Units*	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
ACIDITY	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BICARBONATE										
BICARBONATE ALKALINITY										
BROMIDE										
CARBONATE										
CARBONATE ALKALINITY										
CHLORIDE	419	454	577	37.7	13.3	79.1 J	37.9	32.6	26.4	29
COD (TOTAL)	6	43.3	70.4	70.6	92.2	75.4	71 J	62	39.5	7.9 J
CONDUCTANCE, UHMOS/CM			3320	744	569	1930				1070
DISSOLVED ORGANIC CARBON										
DISSOLVED OXYGEN										
DISSOLVED SULFIDES										
FLUORIDE	0.1 U	0.1 U	0.39 J	0.2	0.16	0.24	0.34	0.1 U	0.22	0.36
HARDNESS	996	1060	505	130	115	965	1100	860	860	174
HYDROXIDE ALKALINITY										
NITRATE		54							0.22	
NITRATE/NITRITE (AS N)	41.5	57	0.5 U	1.2	3.4	0.5 U	0.81	0.14	5.1	0.5 U
NITRITE		2.5 U							4.2	
OIL & GREASE										
ORTHOPHOSPHATE										
PH, UNITS	7.6	7.6	7.5 J	8.3 J	8.5 J	7.2	7	7	6.9	7.6
PHENOLPHTHALEIN ALKALINITY										
PHOSPHATE										
SULFATE	135	144	278	70.2	41.3	11 J	4.1	2	0.61	18.1
SULFIDE										
SURFACTANTS (MBAS)										
TDS	1480	1620	1810	435	250	1210	1200	1220	1180	674
TOTAL ALKALINITY	301	270	814	294	234	1090	1130	1080	1010	548
TOTAL ORGANIC CARBON	4.8	4.8	15.5 J	12.3 J	4.6 J	13.9	33 J	22.8 J	20.6	4.7

Notes:

*	Unless otherwise specified
MG/L	Milligrams per liter
UHMOS/CM	Microhmos per centimeter

TABLE E-59: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-09	M07C-09	M07C-09	M13-06	M13-06	M13-06	M13-06	M13-07	M13-07	M13-07
Sample Code	280-S7C-063	280-S7C-064	280-S7C-065	280-S13-054	280-S13-055	280-S13-057	280-S13-058	280-S13-059	280-S13-060	280-S13-061
Sampling Date	2/20/1995	6/21/1995	8/30/1995	10/21/1994	2/24/1995	6/27/1995	8/11/1995	11/1/1994	2/28/1995	6/28/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units*	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
ACIDITY	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BICARBONATE										
BICARBONATE ALKALINITY										
BROMIDE										
CARBONATE										
CARBONATE ALKALINITY										
CHLORIDE	23 4	18 6	17 5	21	10.2	15	14.2	413	20.5	98.7
COD (TOTAL)	21	23 1	15.8	55.3 J	53	56.5	11.9	194	43	168
CONDUCTANCE, UHMOS/CM				679				2670		
DISSOLVED ORGANIC CARBON										
DISSOLVED OXYGEN										
DISSOLVED SULFIDES										
FLUORIDE	0.1 U	0.1 U	0.34	0.62	0.1 U	0.1 U	0.41	0.25	0.1 U	0.32
HARDNESS	220	302	252	180	220	284	301	725	270	502
HYDROXIDE ALKALINITY										
NITRATE			0.24 UJ				0.05 U			
NITRATE/NITRITE (AS N)	0.07	0.05 U	0.16 UJ	0.5 U	0.13 J	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U
NITRITE			0.05 U				0.05 U			
OIL & GREASE										
ORTHOPHOSPHATE										
PH, UNITS	7.2	7	7.1	8	7.6	7.6	7.4	6.9 J	7	6.8
PHENOLPHTHALEIN ALKALINITY										
PHOSPHATE										
SULFATE	18.2	27.8	31.1	53.8 J	37	55.4	54.5	33.6	14.4	102
SULFIDE										
SURFACTANTS (MBAS)										
TDS	640 J	710	742	464	330	520	588	1670	398	936
TOTAL ALKALINITY	520	615	596	264	256	361	374	764	308	468
TOTAL ORGANIC CARBON	12	8.7	9.6	5.3 J	24	18.1	17.5	28.8	10 J	58.5

Notes:

*	Unless otherwise specified
MG/L	Milligrams per liter
UHMOS/CM	Microhmos per centimeter

TABLE E-59: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-07	M13-08	M13-08	M13-08	M13-08	M13-09	M13-09	M13-09	M13-09	MW-1
Sample Code	280-S13-062	280-S13-063	280-S13-065	280-S13-066	280-S13-067	280-S13-068	280-S13-069	280-S13-070	280-S13-071	280-S13-099
Sampling Date	8/16/1995	12/14/1994	2/24/1995	6/28/1995	8/16/1995	12/9/1994	2/24/1995	6/28/1995	8/18/1995	12/6/1994
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units*	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
ACIDITY	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BICARBONATE										
BICARBONATE ALKALINITY										
BROMIDE										
CARBONATE										
CARBONATE ALKALINITY										
CHLORIDE	142	21.5	17.2	17	17.8	55	23	18.9	19.8	26.2
COD (TOTAL)	15.9	8	9	7.9	7.9	24	16	18.2	5 U	93
CONDUCTANCE, UHMOS/CM		710				730				1100
DISSOLVED ORGANIC CARBON										
DISSOLVED OXYGEN										
DISSOLVED SULFIDES			88.4							
FLUORIDE	0.34	0.18	0.1 U	0.22	0.2	0.19	0.1 U	0.14	0.12	0.32
HARDNESS	520	120	120	122	110	310	290	284	292	320
HYDROXIDE ALKALINITY										
NITRATE	0.05 U				4.4				2.1	
NITRATE/NITRITE (AS N)	0.5 U	3.8	4.4 J	3.8	5	0.1 U	2.5	2.8	1.9	0.05 U
NITRITE	1 U				0.2 U				0.15	
OIL & GREASE										
ORTHOPHOSPHATE										
PH, UNITS	6.8	7.3	7.3	7.2	7.3	7	6.8	6.7	6.6	7.2 J
PHENOLPHTHALEIN ALKALINITY										
PHOSPHATE										
SULFATE	31.3	76.9	77.1	78.1	77.1	21.5	33.9	37	35.1	35.5
SULFIDE				96	24.7					
SURFACTANTS (MBAS)										
TDS	980	490	470	580	524	490	380	420	410	680
TOTAL ALKALINITY	580	260	266	223	278	333	277	271	261	657
TOTAL ORGANIC CARBON	44.5	7 J	6	5.3	4.8	14 J	10	8.2	7.2	70 J

Notes:

*	Unless otherwise specified
MG/L	Milligrams per liter
UHMOS/CM	Microhmos per centimeter

TABLE E-59: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MW-1	MW-1	MW-1	MWOR-1	MWOR-1	MWOR-1	MWOR-1	MWOR-2	MWOR-2	MWOR-2
Sample Code	280-S13-149	280-S13-150	280-S13-151	280-S13-032	280-S13-033	280-S13-034	280-S13-035	280-S13-037	280-S13-038	280-S13-039
Sampling Date	2/24/1995	6/27/1995	8/17/1995	10/20/1994	2/24/1995	6/27/1995	8/9/1995	10/20/1994	2/24/1995	6/27/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units*	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte										
ACIDITY	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BICARBONATE										
BICARBONATE ALKALINITY										
BROMIDE										
CARBONATE										
CARBONATE ALKALINITY										
CHLORIDE	29.1	11.8	33.8	24.1	15.4	18	17.4	185	104	99.3
COD (TOTAL)	120	69	79.4	71.4	49	53.7	5 U	23.8	5 U	9.9
CONDUCTANCE, UHMOS/CM				1610				1040		
DISSOLVED ORGANIC CARBON										
DISSOLVED OXYGEN										
DISSOLVED SULFIDES				10 U						
FLUORIDE	0.1 U	0.1	0.38	0.11	0.1 U	0.1 U	0.1 U	0.19	0.1 U	0.1 U
HARDNESS	210	220	168	560	680	700	630	150	110	140
HYDROXIDE ALKALINITY										
NITRATE			0.05 U				0.05 U			
NITRATE/NITRITE (AS N)	0.05 UJ	0.079	0.05 U	0.5 U	0.05 UJ	0.05 U	0.05 U	0.5 U	0.36 J	0.34
NITRITE			0.25 U				0.05 U			
OIL & GREASE										
ORTHOPHOSPHATE										
PH, UNITS	7.1	7.1	6.8	7.1	7.1	7.8	7	7.8	7.8	7.8
PHENOLPHTHALEIN ALKALINITY										
PHOSPHATE										
SULFATE	29.6	4.3	19.1	403 J	502	444	442	30.8 J	29.6	42
SULFIDE										
SURFACTANTS (MBAS)										
TDS	690	614	672	954	1200	1130	1150	434	408	394
TOTAL ALKALINITY	591	563	495	454	406	427	400	198	162	167
TOTAL ORGANIC CARBON	29	19.7	19.9	12.6	23	20	20	2	3 J	2.2

Notes:

* Unless otherwise specified

MG/L Milligrams per liter

UHMOS/CM Microhmos per centimeter

TABLE E-59: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	MWOR-2	MWOR-3	MWOR-3	MWOR-3	MWOR-3	MWOR-4	MWOR-4	MWOR-4	MWOR-4	M13-06
Sample Code	280-S13-040	280-S13-041	280-S13-042	280-S13-043	280-S13-045	280-S13-046	280-S13-047	280-S13-048	280-S13-049	108-S13-001
Sampling Date	8/9/1995	10/20/1994	2/28/1995	6/27/1995	8/10/1995	10/20/1994	2/23/1995	6/26/1995	8/17/1995	11/6/1997
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-	-
Units*	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1998
Analyte										
ACIDITY	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
BICARBONATE										324
BICARBONATE ALKALINITY										
BROMIDE										0.1
CARBONATE										10 U
CARBONATE ALKALINITY										
CHLORIDE	94.9	39.7	29.6	29.9	31.7	18	22	16.3	14	21.4
COD (TOTAL)	5 U	71.4	38	31.8	8	13.9	5 U	5 U	5 U	
CONDUCTANCE, UHMOS/CM		879				413				
DISSOLVED ORGANIC CARBON										
DISSOLVED OXYGEN										
DISSOLVED SULFIDES										
FLUORIDE	0.19	0.61	0.1 U	0.11	0.48	0.1 U	0.1 U	0.1 U	0.1 U	0.54
HARDNESS	124	132	180	244	152	100	140	128	100	
HYDROXIDE ALKALINITY										10 U
NITRATE	0.36				1.4				3.3	0.1 U
NITRATE/NITRITE (AS N)	0.32	0.5 U	0.51	1.1	1.6	3.8	4	2.4	3.6	
NITRITE	0.5 U				0.2 U				0.05 U	0.1 U
OIL & GREASE										
ORTHOPHOSPHATE										
PH, UNITS	7.8	7.7	7.7	7.7	7.6	6.6	6.6	6.6	6.6	
PHENOLPHTHALEIN ALKALINITY										
PHOSPHATE										0.72
SULFATE	35.3	59.1 J	45.5	44.4	47.4	26.5 J	40.8	26.9	22.6	20.9
SULFIDE										1 U
SURFACTANTS (MBAS)										
TDS	386	442	452	402	418	224	280	232	214	460
TOTAL ALKALINITY	154	326	264	269	271	118	128	159	125	324
TOTAL ORGANIC CARBON	1.4	13.4	45 J	12.1	12.5	2.2	4	2.5	2.4	14

Notes:

* Unless otherwise specified

MG/L Milligrams per liter

UHMOS/CM Microhmos per centimeter

TABLE E-59: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-06	M13-06	M13-06	M13-09	M13-09	M13-09	M13-09	D13-01	D13-01
Sample Code	108-S13-005	108-S13-009	108-S13-013	108-S13-002	108-S13-006	108-S13-010	108-S13-014	D13-01-A1639	D13-01-A1138
Sampling Date	2/10/1998	5/6/1998	8/7/1998	11/6/1997	2/10/1998	5/12/1998	8/7/1998	12/17/2002	7/8/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-
Units*	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	GWM 2003	GWM 2003
Analyte									
ACIDITY									
BICARBONATE	141	209	228	259	211	229	211		
BICARBONATE ALKALINITY								260	280
BROMIDE	0.1 U	0.1 U	0.5 UJ	0.5	0.42		0.62 J		
CARBONATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U		
CARBONATE ALKALINITY								1 U	1 U
CHLORIDE	6.2 J	6	10.6	21	21.4	19.4	26.5	410	450
COD (TOTAL)									
CONDUCTANCE, UHMOS/CM									
DISSOLVED ORGANIC CARBON									
DISSOLVED OXYGEN									
DISSOLVED SULFIDES									
FLUORIDE	0.23	0.22	0.5 U	0.19	0.1 U	0.1 U	0.5 U		
HARDNESS									
HYDROXIDE ALKALINITY	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U
NITRATE	0.22	0.22	0.5 U	0.14	7.8	3.8	4.9	50	50
NITRATE/NITRITE (AS N)									
NITRITE	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U	0.1 U	0.5 U	0.46	0.66
OIL & GREASE									
ORTHOPHOSPHATE									
PH, UNITS									
PHENOLPHTHALEIN ALKALINITY									
PHOSPHATE	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U	0.1 UJ	0.5 U		
SULFATE	7.8 J	14.8 J	8.3	37.3	71	63	69.4	150	150
SULFIDE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.04 U	0.04 U
SURFACTANTS (MBAS)									
TDS	210	340	340	710	390	520	510		
TOTAL ALKALINITY	141	209	228	259	211	229	211	260	280
TOTAL ORGANIC CARBON				8					

Notes:

*	Unless otherwise specified
MG/L	Milligrams per liter
UHMOS/CM	Microhmos per centimeter

TABLE E-59: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M07C-06	M07C-06	M07C-09	M07C-09	M13-06	M13-06	M13-07	M13-07
Sample Code	M07C-06-A1640	M07C-06-A1139	M07C-09-A1642	MW7C-09-A1141	M13-06-A1645	M13-06-A1144	M13-07-A1646	M13-07-A1145
Sampling Date	12/17/2002	6/21/2002	12/17/2002	6/19/2002	12/17/2002	6/18/2002	12/17/2002	6/18/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-
Units*	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte								
ACIDITY								
BICARBONATE								
BICARBONATE ALKALINITY	920	810	350	390	190	280	460	420
BROMIDE								
CARBONATE								
CARBONATE ALKALINITY	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLORIDE	24	19	9.2	11	17	16	170	130
COD (TOTAL)								
CONDUCTANCE, UHMOS/CM								
DISSOLVED ORGANIC CARBON								
DISSOLVED OXYGEN								
DISSOLVED SULFIDES								
FLUORIDE								
HARDNESS								
HYDROXIDE ALKALINITY	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
NITRATE	0.05 U	0.43	0.01 U	0.12	1.2	0.05 U	0.05 U	0.05 U
NITRATE/NITRITE (AS N)								
NITRITE	0.05 U	0.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
OIL & GREASE								
ORTHOPHOSPHATE								
PH, UNITS								
PHENOLPHTHALEIN ALKALINITY								
PHOSPHATE								
SULFATE	0.5 U	0.97	7.9	13	36	39	0.38 J	0.33 J
SULFIDE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.13	0.04 U
SURFACTANTS (MBAS)								
TDS								
TOTAL ALKALINITY	920	810	350	390	190	280	460	420
TOTAL ORGANIC CARBON								

Notes:

* Unless otherwise specified

MG/L Milligrams per liter

UHMOS/CM Microhmos per centimeter

TABLE E-59: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M13-08	M13-08	M13-09	M13-09	MW-1	MW-1	MWOR-4	MWOR-4	MW-1
Sample Code	M13-08-A1647	M13-08-A1146	M13-09-A1648	M13-09-A1147	MW-1-A1649	MW-1-A1148	MWOR-4-A1660	MWOR-4-A1159	18623-1
Sampling Date	12/17/2002	6/20/2002	12/17/2002	6/19/2002	12/17/2002	6/18/2002	12/17/2002	6/19/2002	11/3/1989
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-
Units*	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	IMF PH0
Analyte									
ACIDITY									
BICARBONATE									
BICARBONATE ALKALINITY	220	230	230	210	140	290	140	120	
BROMIDE									
CARBONATE									
CARBONATE ALKALINITY	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
CHLORIDE	18	18	28	31	19	24	13	13	
COD (TOTAL)									
CONDUCTANCE, UHMOS/CM									
DISSOLVED ORGANIC CARBON									
DISSOLVED OXYGEN									
DISSOLVED SULFIDES									
FLUORIDE									
HARDNESS									
HYDROXIDE ALKALINITY	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
NITRATE	8.1	7.8	0.5	3.7	0.009 U	0.05 U	0.33	1.4	
NITRATE/NITRITE (AS N)									
NITRITE	0.05 U	0.03 J	0.05 U	0.03 J	0.05 U	0.05 U	0.05 U	0.05 U	
OIL & GREASE									60
ORTHOPHOSPHATE									
PH, UNITS									
PHENOLPHTHALEIN ALKALINITY									
PHOSPHATE									
SULFATE	77	77	80	100	400	5.8	43	36	
SULFIDE	0.04 U	0.04 U	0.04 U	0.04 U	0.13	0.04 U	0.04 U	0.04 U	
SURFACTANTS (MBAS)									
TDS									
TOTAL ALKALINITY	220	230	230	210	140	290	140	120	
TOTAL ORGANIC CARBON									

Notes:

*	Unless otherwise specified
MG/L	Milligrams per liter
UHMOS/CM	Microhmos per centimeter

TABLE E-59: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	M-IMF-01	MW-1	MWOR-1	MWOR-2	MWOR-3	MWOR-4
Sample Code	MIMF-01	MW-1 [10/15/90]	MWOR-1 [08/24/90]	MWOR-2 [08/27/90]	MWOR-3 [08/27/90]	MWOR-4 [08/28/90]
Sampling Date	8/9/1991	10/15/1990	8/24/1990	8/27/1990	8/27/1990	8/27/1990
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units*	MG/L-CACO3	UMHOS	UMHOS	UMHOS	UMHOS	UMHOS
Investigation	IMF RA	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ACIDITY						
BICARBONATE						
BICARBONATE ALKALINITY	4370					
BROMIDE						
CARBONATE						
CARBONATE ALKALINITY	5 U					
CHLORIDE	5188					
COD (TOTAL)						
CONDUCTANCE, UHMOS/CM		2580	4020	2320	1410	470
DISSOLVED ORGANIC CARBON						
DISSOLVED OXYGEN		1.6	5.2	3.4	6.2	3.6
DISSOLVED SULFIDES						
FLUORIDE						
HARDNESS	3300					
HYDROXIDE ALKALINITY	5 U					
NITRATE						
NITRATE/NITRITE (AS N)						
NITRITE						
OIL & GREASE						
ORTHOPHOSPHATE						
PH, UNITS		7	6.8	7.8	7.4	6.7
PHENOLPHTHALEIN ALKALINITY	5 U					
PHOSPHATE						
SULFATE	1439					
SULFIDE						
SURFACTANTS (MBAS)						
TDS	13700		3160	1380	880	620
TOTAL ALKALINITY	4370					
TOTAL ORGANIC CARBON		67.6	21.3	23.2	15.1	7.5

Notes:

*	Unless otherwise specified
MG/L	Milligrams per liter
UHMOS/CM	Microhmos per centimeter

TABLE E-60: SITE 13 LANDFILL GASES IN AIR

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 1 of 1)

Sample Code	385-S13-020	385-S13-021
Sampling Date	7/26/2001	7/26/2001
Sampling Depth (feet bgs)	1.5 -	4 -
Units*	PPMV	PPMV
Investigation	DGS	DGS
Analyte		
BUTANE, PPMV	1 U	1 U
CARBON DIOXIDE, %	3.416	5.807
CARBON MONOXIDE, %	0.001 U	0.001 U
ETHANE, PPMV	1 U	1 U
HYDROGEN, %	0.03 U	0.03 U
ISOBUTANE, PPMV	1 U	1 U
ISOPENTANE, PPMV	1 U	1 U
METHANE, %	0.001 U	17.891
NITROGEN, %	78.58	66.22
NON METHANE ORGANIC COMPOUNDS, PPMV	10 U	95.5
OXYGEN, %	18	10.08
PENTANE, PPMV	1 U	1 U
PROPANE, PPMV	1 U	1 U

Notes:

* Unless otherwise specified

PPMV Parts per million by volume

TABLE E-61: SITE 13 VOLATILE ORGANIC COMPOUNDS IN AIR

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 1 of 1)

Location	S13-DGS-SG03	S13-DGS-SG03
Sample Code	385-S13-020	385-S13-021
Sampling Date	7/26/2001	7/26/2001
Sampling Depth (feet bgs)	1.5 -	4 -
Units	UG/M3	UG/M3
Investigation	DGS	DGS
Analyte		
1,1,1-TRICHLOROETHANE	17.75 U	18.31 UJ
1,1,2,2-TETRACHLOROETHANE	22.33 U	70.79 J
1,1,2-TRICHLOROETHANE	17.75 U	222.67 J
1,1-DICHLOROETHANE	13.16 U	13.58 UJ
1,1-DICHLOROETHENE	12.9 U	13.3 UJ
1,2-DICHLOROBENZENE	19.55 U	20.18 UJ
1,2-DICHLOROETHANE	13.16 U	27.61 J
1,3-DICHLOROBENZENE	19.55 U	20.18 UJ
1,4-DICHLOROBENZENE	19.55 U	20.18 UJ
BENZENE	30.72	52 J
CHLOROETHANE	8.58 U	8.86 UJ
CHLOROMETHANE	6.72 U	6.93 UJ
CIS-1,2-DICHLOROETHENE	12.9 U	13.3 UJ
ETHYLBENZENE	17.91	48.27 J
M-XYLENE	74.56	209.61 J
NAPHTHALENE	170.5 UJ	175.91 UJ
O-XYLENE	14.75	35.62 J
TETRACHLOROETHENE	28.83	33.86 J
TOLUENE	304.82	938.15 J
TRANS-1,2-DICHLOROETHENE	12.9 UJ	13.3 UJ
TRICHLOROETHENE	17.48 U	18.03 UJ
VINYL CHLORIDE	8.31 U	8.58 UJ

Notes:

UG/M3 Micrograms per cubic meter

TABLE E-62: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	NPS-S19-01	NPS-S19-01	NPS-S07C-01
Sample Code	280-S19-014	280-S19-015	280-S7C-027
Sampling Date	7/18/1994	7/18/1994	7/20/1994
Sampling Depth (feet bgs)	-	-	-
Units	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994
Analyte			
1,2,4-TRICHLOROBENZENE	690 U	1400 J	680 U
1,2-DICHLOROBENZENE	690 U	8000	680 U
1,3-DICHLOROBENZENE	690 U	4700 U	680 U
1,4-DICHLOROBENZENE	690 U	4700 U	680 U
2,2'-OXYBIS(1-CHLOROPROPANE)	690 U	4700 U	680 U
2,4,5-TRICHLOROPHENOL	1700 U	11000 U	1600 U
2,4,6-TRICHLOROPHENOL	690 U	4700 U	680 U
2,4-DICHLOROPHENOL	690 U	4700 U	680 U
2,4-DIMETHYLPHENOL	690 U	4700 U	680 U
2,4-DINITROPHENOL	1700 UJ	11000 U	1600 U
2,4-DINITROTOLUENE	690 U	4700 U	680 U
2,6-DINITROTOLUENE	690 U	4700 U	680 U
2-CHLORONAPHTHALENE	690 U	4700 U	680 U
2-CHLOROPHENOL	690 U	4700 U	680 U
2-METHYLNAPHTHALENE	690 U	4700 U	680 U
2-METHYLPHENOL	690 U	4700 U	680 U
2-NITROANILINE	1700 U	11000 U	1600 U
2-NITROPHENOL	690 U	4700 U	680 U
3,3'-DICHLOROBENZIDINE	690 U	4700 U	680 U
3-NITROANILINE	1700 U	11000 U	1600 U
4,6-DINITRO-2-METHYLPHENOL	1700 U	11000 U	1600 U
4-BROMOPHENYL-PHENYLETHER	690 U	4700 U	680 U
4-CHLORO-3-METHYLPHENOL	690 U	4700 U	680 U
4-CHLOROANILINE	690 U	4700 U	680 U
4-CHLOROPHENYL-PHENYLETHER	690 U	4700 U	680 U
4-METHYLPHENOL	690 U	4700 U	680 U
4-NITROANILINE	1700 U	11000 U	1600 U
4-NITROPHENOL	1700 U	11000 U	1600 U
ACENAPHTHENE	690 U	4700 U	680 U
ACENAPHTHYLENE	690 U	4700 U	680 U
ANTHRACENE	690 U	4700 U	680 U
BENZO(A)ANTHRACENE	690 U	4700 U	680 U
BENZO(A)PYRENE	110 J	4700 U	680 U
BENZO(B)FLUORANTHENE	250 J	4700 U	70 J
BENZO(G,H,I)PERYLENE	160 J	4700 U	680 U
BENZO(K)FLUORANTHENE	120 J	4700 U	680 U
BIS(2-CHLOROETHOXY)METHANE	690 U	4700 U	680 U
BIS(2-CHLOROETHYL)ETHER	690 U	4700 U	680 U
BIS(2-ETHYLHEXYL)PHTHALATE	3450 UJ	99000 J	4300 UJ
BUTYLBENZYLPHTHALATE	690 UJ	4700 U	680 UJ
CARBAZOLE	690 U	4700 U	680 U
CHRYSENE	220 J	4700 U	64 J
DIBENZO(A,H)ANTHRACENE	57 J	4700 U	680 U
DIBENZOFURAN	690 U	4700 U	680 U
DIETHYLPHTHALATE	690 U	4700 U	680 U
DIMETHYLPHTHALATE	690 U	4700 U	680 U
DI-N-BUTYLPHTHALATE	690 UJ	4700 UJ	680 UJ
DI-N-OCTYLPHTHALATE	690 UJ	4700 U	680 U
FLUORANTHENE	180 J	4000 J	62 J
FLUORENE	690 U	4700 U	680 U
HEXACHLOROBENZENE	690 U	4700 U	680 U
HEXACHLOROBUTADIENE	690 U	4700 U	680 U

TABLE E-62: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	NPS-S19-01	NPS-S19-01	NPS-S07C-01
Sample Code	280-S19-014	280-S19-015	280-S7C-027
Sampling Date	7/18/1994	7/18/1994	7/20/1994
Sampling Depth (feet bgs)	-	-	-
Units	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994
Analyte			
HEXACHLOROCYCLOPENTADIENE	690 U	4700 U	680 U
HEXACHLOROETHANE	690 U	4700 U	680 U
INDENO(1,2,3-CD)PYRENE	130 J	4700 U	680 U
ISOPHORONE	690 U	4700 U	680 U
NAPHTHALENE	40 J	2100 J	680 U
NITROBENZENE	690 U	4700 U	680 U
N-NITROSO-DI-N-PROPYLAMINE	690 U	4700 U	680 U
N-NITROSODIPHENYLAMINE	690 U	4700 U	680 U
PENTACHLOROPHENOL	1700 UJ	11000 UJ	1600 UJ
PHENANTHRENE	110 J	310 J	41 J
PHENOL	690 U	4700 U	680 U
PYRENE	160 J	390 J	67 J

Notes:

UG/KG Micrograms per kilogram

TABLE E-63: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	NPS-S19-01	NPS-S19-01	NPS-S07C-01
Sample Code	280-S19-014	280-S19-015	280-S7C-027
Sampling Date	7/18/1994	7/18/1994	7/20/1994
Sampling Depth (feet bgs)	-	-	-
Units	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	FO 1994
Analyte			
1,1,1-TRICHLOROETHANE	10 U	180000 J	10 U
1,1,2,2-TETRACHLOROETHANE	10 U	17000 U	10 U
1,1,2-TRICHLOROETHANE	10 U	17000 U	10 U
1,1-DICHLOROETHANE	10 U	5500 J	10 U
1,1-DICHLOROETHENE	10 U	17000 U	10 U
1,2-DICHLOROETHANE	10 U	17000 U	10 U
1,2-DICHLOROETHENE (TOTAL)	3 J	130000 J	10 U
1,2-DICHLOROPROPANE	10 U	17000 U	10 U
2-BUTANONE	10 UJ	17000 U	10 UJ
2-HEXANONE	10 U	17000 U	10 U
4-METHYL-2-PENTANONE	10 U	17000 U	10 U
ACETONE	10 UJ	17000 U	10 UJ
BENZENE	10 U	17000 U	10 U
BROMODICHLOROMETHANE	10 U	17000 U	10 U
BROMOFORM	10 U	17000 U	10 U
BROMOMETHANE	10 U	17000 U	10 U
CARBON DISULFIDE	10 U	17000 U	10 UJ
CARBON TETRACHLORIDE	10 U	17000 U	10 U
CHLOROBENZENE	10 U	17000 U	10 U
CHLOROETHANE	10 U	17000 U	10 U
CHLOROFORM	10 U	17000 U	10 U
CHLOROMETHANE	10 UJ	17000 U	10 UJ
CIS-1,3-DICHLOROPROPENE	10 U	17000 U	10 U
DIBROMOCHLOROMETHANE	10 U	17000 U	10 U
ETHYLBENZENE	10 U	17000 U	10 U
ETHYLENE DIBROMIDE	10 U	17000 U	10 U
METHYLENE CHLORIDE	10 U	17000 U	10 U
STYRENE	10 U	17000 U	10 U
TETRACHLOROETHENE	10 U	17000 U	10 U
TOLUENE	2 J	1900 J	10 U
TRANS-1,3-DICHLOROPROPENE	10 U	17000 U	10 U
TRICHLOROETHENE	10 U	94000 J	10 U
VINYL CHLORIDE	10 U	17000 U	10 U
XYLENE (TOTAL)	10 U	5100 J	10 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-64: SITE 13 TOTAL METALS IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 1 of 1)

Location	NPS-S19-01	NPS-S19-01	NPS-S07C-01
Sample Code	280-S19-014	280-S19-015	280-S7C-027
Sampling Date	7/18/1994	7/18/1994	7/20/1994
Sampling Depth (feet bgs)	-	-	-
Units	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994
Analyte			
ALUMINUM	5080	4410	7290
ANTIMONY	1.1 UJ	13.3 J	0.62 J
ARSENIC	3.3	16	2.6
BARIUM	224	106	63.3
BERYLLIUM	0.22 U	0.3 U	0.68 J
CADMIUM	7.4 J	167 J	1.6 J
CALCIUM	5190	4120	5210
CHROMIUM	59.9 J	2850 J	30.8 J
COBALT	6.7 UJ	33.6	7 UJ
COPPER	44.4	673	19 J
IRON	16200	14700	13900
LEAD	90 J	1310 J	30.2 J
MAGNESIUM	3490	3880	4720
MANGANESE	208	367	228
MERCURY	0.16 U	2	0.16 U
MOLYBDENUM	5.4 J	36.9	2.8 U
NICKEL	375 J	4100 J	65
POTASSIUM	541 UJ	352 UJ	774 J
SELENIUM	0.53 U	1.1 J	0.54 U
SILVER	0.45 UJ	245 J	0.18 U
SODIUM	158 J	1610	289 J
THALLIUM	0.4 U	0.55 U	0.4 U
VANADIUM	19	36.7	22.8
ZINC	261	627	119

Notes:

MG/KG Milligrams per kilogram

TABLE E-65: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California

Location	NPS-S19-01	NPS-S19-01	NPS-S07C-01
Sample Code	280-S19-014	280-S19-015	280-S7C-027
Sampling Date	7/18/1994	7/18/1994	7/20/1994
Sampling Depth (feet bgs)	-	-	-
Units	MG/KG	MG/KG	MG/KG
Investigation	FO 1994	FO 1994	FO 1994
Analyte			
DIESEL RANGE ORGANICS	100 U	8930 J	100 U
GASOLINE RANGE ORGANICS	0.52 UJ	2060 J	0.52 U
JP5 RANGE ORGANICS	100 U	140 U	100 U
MOTOR OIL RANGE ORGANICS	900 J	290 UJ	910 J

Notes:

MG/KG Milligrams per kilogram

Continue

TABLE E-66: SITE 13 GENERAL CHEMISTRY IN SEDIMENT

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 1 of 1)

Location	NPS-S19-01	NPS-S19-01	NPS-S07C-01
Sample Code	280-S19-014	280-S19-015	280-S7C-027
Sampling Date	7/18/1994	7/18/1994	7/20/1994
Sampling Depth (feet bgs)	-	-	-
Units	UNITS	UNITS	UNITS
Investigation	FO 1994	FO 1994	FO 1994
Analyte			
PH	7.9	7.7	7.1