Previous

SITE 13
TOTAL PETROLEUM HYDROCARBON INVESTIGATIONS

TABLE E-67: SITE 13 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	030-S19-001	030-S19-002	030-S19-003
Sample ID	030-S19-001	030-S19-002	030-S19-003
Sampling Date	10/20/1998	10/21/1998	10/21/1998
Sampling Depth (feet bgs)	0 - 4.5	0 - 3	0 - 4
Units	UG/KG	UG/KG	UG/KG
Investigation	TPH	TPH	TPH
Analyte			
2,4,5-T			
2,4,5-TP (SILVEX)			
2,4-D			
2,4-DB			
4,4'-DDD	3.7 U	18 U	19 U
4,4'-DDE	3.7 U	18 U	19 U
4,4'-DDT	3.7 U	18 U	19 U
ALDRIN	1.9 U	9.3 U	9.7 U
ALPHA-BHC	1.9 U	9.3 U	9.7 U
ALPHA-CHLORDANE	1.9 U	9.3 U	9.7 U
AROCLOR-1016	18 U	88 U	92 U
AROCLOR-1221	18 U	88 U	92 U
AROCLOR-1232	18 U	88 U	92 U
AROCLOR-1242	18 U	88 U	92 U
AROCLOR-1248	18 U	88 U	92 U
AROCLOR-1254	18 U	88 U	92 U
AROCLOR-1260	18 U	88 U	92 U
AZINPHOS-METHYL			
BETA-BHC	1.9 U	9.3 U	9.7 U
CHLORDANE			
DALAPON; 2,2-DICHLOROPROPANOIC			
DELTA-BHC	1.9 U	9.3 U	9.7 U
DEMETON			
DIAZINON			
DICAMBA			
DICHLORPROP			
DIELDRIN	3.7 U	18 U	19 U
DINOSEB			
DISULFOTON			
ENDOSULFAN I	1.9 U	9.3 U	9.7 U
ENDOSULFAN II	3.7 U	18 U	19 U
ENDOSULFAN SULFATE	3.7 U	18 U	19 U
ENDRIN	3.7 U	18 U	19 U
ENDRIN ALDEHYDE	3.7 U	18 U	19 U
ENDRIN KETONE	3.7 U	18 U	19 U
ETHION			
ETHYL PARATHION			
GAMMA-BHC (LINDANE)	1.9 U	9.3 U	9.7 U
GAMMA-CHLORDANE	1.9 U	9.3 U	9.7 U
HEPTACHLOR	0.33 U	1.6 U	1.7 U
HEPTACHLOR EPOXIDE	0.33 U	1.6 U	1.7 U
MALATHION			
MCPA			
MCPP			
METHOXYCHLOR	19 U	93 U	97 U
METHYL PARATHION			
TOXAPHENE	94 U	470 U	490 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-68: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	030-S19-001	030-S19-002	030-S19-003
Sample Code	030-S19-001	030-S19-002	030-S19-003
Sampling Date	10/20/1998	10/21/1998	10/21/1998
Sampling Depth (feet bgs)	0 - 4.5	0 - 3	0 - 4
Units	UG/KG	UG/KG	UG/KG
Investigation	TPH	TPH	TPH
Analyte			
1,2,4-TRICHLOROBENZENE	37 UJ	1800 U	1900 U
1,2-DICHLOROBENZENE	18 U	880 U	920 U
1,2-DIPHENYLHYDRAZINE			
1,3-DICHLOROBENZENE	18 U	880 U	920 U
1,4-DICHLOROBENZENE	18 U	880 U	920 U
2,2'-OXYBIS(1-CHLOROPROPANE)	37 U	1800 U	1900 U
2,4,5-TRICHLOROPHENOL	89 U	4400 U	4600 U
2,4,6-TRICHLOROPHENOL	37 U	1800 U	1900 U
2,4-DICHLOROPHENOL	37 U	1800 U	1900 U
2,4-DIMETHYLPHENOL	37 UJ	1800 U	1900 U
2,4-DINITROPHENOL	89 UJ		
2,4-DINITROTOLUENE	37 U	1800 U	1900 U
2,6-DINITROTOLUENE	37 U	1800 U	1900 U
2-CHLORONAPHTHALENE	37 U	1800 U	1900 U
2-CHLOROPHENOL	37 U	1800 U	1900 U
2-METHYLNAPHTHALENE	37 U	1800 U	1900 U
2-METHYLPHENOL	37 U	1800 U	1900 U
2-NITROANILINE	89 U	4400 U	4600 U
2-NITROPHENOL	37 U	1800 U	1900 U
3,3'-DICHLOROBENZIDINE	37 UJ	1800 UJ	1900 UJ
3-METHYL PHENOL			
3-NITROANILINE	89 UJ	4400 U	4600 U
4,6-DINITRO-2-METHYLPHENOL	89 UJ		
4-BROMOPHENYL-PHENYLETHER	37 U	1800 U	1900 U
4-CHLORO-3-METHYLPHENOL	37 U	1800 U	1900 U
4-CHLOROANILINE	37 UJ	1800 U	1900 U
4-CHLOROPHENYL-PHENYLETHER	37 UJ	1800 U	1900 U
4-METHYLPHENOL	37 U	1800 U	1900 U
4-NITROANILINE	89 U	4400 U	4600 U
4-NITROPHENOL	89 UJ	4400 U	4600 U
ANILINE			
AZOBENZENE			
BENZIDINE			
BENZOIC ACID			
BENZYL ALCOHOL			
BIS(2-CHLOROETHOXY)METHANE	37 U	1800 U	1900 U
BIS(2-CHLOROETHYL)ETHER	37 U	1800 U	1900 U
BIS(2-ETHYLHEXYL)PHTHALATE	14 UJ	710 U	750 U
BUTYLBENZYLPHTHALATE	37 UJ	1800 U	1900 U
CARBAZOLE	37 U	1800 U	1900 U
DIBENZOFURAN	37 U	1800 U	1900 U
DIETHYLPHTHALATE	37 U	1800 U	1900 U
DIMETHYLPHTHALATE	37 U	1800 U	1900 U
DI-N-BUTYLPHTHALATE	37 UJ	1800 U	1900 U
DI-N-OCTYLPHTHALATE	37 UJ	1800 U	1900 U
HEXACHLOROBENZENE	37 U	1800 U	1900 U
HEXACHLOROBUTADIENE	37 UJ	1800 U	1900 U
HEXACHLOROCYCLOPENTADIENE	37 UJ	1800 UJ	1900 UJ
HEXACHLOROETHANE	37 U	1800 U	1900 U
ISOPHORONE	37 U	1800 U	1900 U
NITROBENZENE	37 U	1800 U	1900 U
N-NITROSODIMETHYLAMINE			

TABLE E-68: SITE 13 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	030-S19-001	030-S19-002	030-S19-003
Sample Code	030-S19-001	030-S19-002	030-S19-003
Sampling Date	10/20/1998	10/21/1998	10/21/1998
Sampling Depth (feet bgs)	0 - 4.5	0 - 3	0 - 4
Units	UG/KG	UG/KG	UG/KG
Investigation	TPH	TPH	TPH
Analyte			
N-NITROSO-DI-N-PROPYLAMINE	37 U	1800 U	1900 U
N-NITROSODIPHENYLAMINE	37 U	1800 U	1900 U
PENTACHLOROPHENOL	89 U	4400 U	4600 U
PHENOL	37 U	1800 U	1900 U
PYRIDINE			

Notes:
UG/KG Micrograms per kilogram

TABLE E-69: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	030-S19-001	030-S19-002	030-S19-003	CA13-11	CA13-11	CA13-12
Sample ID	030-S19-001	030-S19-002	030-S19-003	030-CAP-205	030-CAP-206	030-CAP-207
Sampling Date	10/20/1998	10/21/1998	10/21/1998	5/9/2000	5/9/2000	5/9/2000
Sampling Depth (feet bgs)	0 - 4.5	0 - 3	0 - 4	3 - 4	7 - 8	3 - 4
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
1,1,1-TRICHLOROETHANE	11 U	11 U	11 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	11 U	11 U	11 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	11 U	11 U	11 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	11 U	11 U	11 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	11 U	11 U	11 U	10 U	10 U	10 U
1,2,4-TRIMETHYLBENZENE				88	180	10 U
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE	11 U	11 U	11 U	10 U	10 U	10 U
1,2-DICHLOROETHENE (TOTAL)	11 U	11 U	11 U			
1,2-DICHLOROPROPANE	11 U	11 U	11 U	10 U	10 U	10 U
1,3,5-TRIMETHYLBENZENE				120	77	10 U
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE	11 U	11 U	11 U			
2-CHLOROETHYLVINYLETHER						
2-HEXANONE	11 U	11 U	11 U			
4-METHYL-2-PENTANONE	11 U	11 U	11 U			
ACETONE	11 UJ	11 UJ	11 UJ			
BENZENE	11 U	11 U	11 U	88	10 U	10 U
BROMODICHLOROMETHANE	11 U	11 U	11 U	10 U	10 U	10 U
BROMOFORM	11 U	11 U	11 U	10 U	10 U	10 U
BROMOMETHANE	11 U	11 U	11 U	10 U	10 U	10 U
CARBON DISULFIDE	11 U	11 U	11 U			
CARBON TETRACHLORIDE	11 U	11 U	11 U	10 U	10 U	10 U
CHLOROBENZENE	11 U	11 U	11 U	10 U	10 U	10 U
CHLOROETHANE	11 U	11 U	11 U	10 U	10 U	10 U
CHLOROFORM	11 U	11 U	11 U	10 U	10 U	10 U
CHLOROMETHANE	11 U	11 U	11 U	10 U	10 U	10 U
CIS-1,2-DICHLOROETHENE				10 U	10 U	10 U
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE	11 U	11 U	11 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	11 U	11 U	11 U	10 U	10 U	10 U
ETHYLBENZENE	11 U	11 U	11 U	35	130	10 U
ETHYLENE DIBROMIDE						
HEXANE						
M,P-XYLENE						
METHYLENE CHLORIDE	11 UJ	11 UJ	11 U	10 U	10 U	10 U
METHYL-T-BUTYL ETHER				10 U	10 U	10 U
O-XYLENE						
STYRENE	11 U	11 U	11 U	10 U	10 U	10 U
TETRACHLOROETHENE	11 U	11 U	11 U	10 U	10 U	10 U
TOLUENE	11 U	11 U	11 U	110	10 U	10 U
TRANS-1,2-DICHLOROETHENE				10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	11 U	11 U	11 U	10 U	10 U	10 U
TRICHLOROETHENE	11 U	11 U	11 U	10 U	10 U	10 U
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE	11 U	11 U	11 U	10 U	10 U	10 U
XYLENE (TOTAL)	11 U	11 U	11 U	270	560	10 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-69: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	CA13-12	CA13-12	CA13-13	CA13-13	CA13-14	CA13-14
Sample ID	030-CAP-208	030-CAP-378	030-CAP-209	030-CAP-210	030-CAP-211	030-CAP-212
Sampling Date	5/9/2000	5/9/2000	5/11/2000	5/11/2000	5/11/2000	5/11/2000
Sampling Depth (feet bgs)	4.5 - 5.3	4 - 4.5	2.8 - 3.8	4.5 - 5.5	3 - 4	7.5 - 8
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
1,1,1-TRICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-TRIMETHYLBENZENE	140	10 U	10 U	65	10 U	10 U
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	10 U	10 U	10 U	10 U	10 U	10 U
1,3,5-TRIMETHYLBENZENE	46	10 U	10 U	15	10 U	10 U
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE						
2-CHLOROETHYLVINYLETHER						
2-HEXANONE						
4-METHYL-2-PENTANONE						
ACETONE						
BENZENE	290	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
BROMOFORM	10 U	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE						
CARBON TETRACHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
CIS-1,2-DICHLOROETHENE	10 U	10 U	10 U	10 U	10 U	10 U
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	55	10 U	10 U	10 U	10 U	10 U
ETHYLENE DIBROMIDE						
HEXANE						
M,P-XYLENE						
METHYLENE CHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U
METHYL-T-BUTYL ETHER	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ
O-XYLENE						
STYRENE	10 U	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	10 U	10 U	10 U	10 U	10 U	10 U
TOLUENE	110	10 U	10 U	10 U	10 U	10 U
TRANS-1,2-DICHLOROETHENE	10 U	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U
XYLENE (TOTAL)	560	10 U	10 U	10 U	10 U	10 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-69: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	CA13-15	CA13-15	CA13-16	CA13-16	CA13-17	CA13-17
Sample ID	030-CAP-213	030-CAP-214	030-CAP-215	030-CAP-216	030-CAP-217	030-CAP-218
Sampling Date	5/11/2000	5/11/2000	5/11/2000	5/11/2000	6/14/2000	6/14/2000
Sampling Depth (feet bgs)	4 - 5	3 - 4	1.5 - 2.5	4 - 5	3 - 3.5	4 - 4.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
1,1,1-TRICHLOROETHANE	200 U	200 U	10 U	10 U		
1,1,2,2-TETRACHLOROETHANE	200 U	200 U	10 U	10 U		
1,1,2-TRICHLOROETHANE	200 U	200 U	10 U	10 U		
1,1-DICHLOROETHANE	200 U	200 U	10 U	10 U		
1,1-DICHLOROETHENE	200 U	200 U	10 U	10 U		
1,2,4-TRIMETHYLBENZENE	7700	2100	10 U	21		
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE	200 U	200 U	10 U	10 U		
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	200 U	200 U	10 U	10 U		
1,3,5-TRIMETHYLBENZENE	660	190	10 U	53		
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE						
2-CHLOROETHYLVINYLETHER						
2-HEXANONE						
4-METHYL-2-PENTANONE						
ACETONE						
BENZENE	230	62	10 U	33	43	7.1 J
BROMODICHLOROMETHANE	200 U	200 U	10 U	10 U		
BROMOFORM	200 U	200 U	10 U	10 U		
BROMOMETHANE	200 U	200 U	10 U	10 U		
CARBON DISULFIDE						
CARBON TETRACHLORIDE	200 U	200 U	10 U	10 U		
CHLOROBENZENE	200 U	200 U	10 U	10 U	12 U	11 U
CHLOROETHANE	200 U	200 U	10 U	10 U		
CHLOROFORM	200 U	200 U	10 U	10 U		
CHLOROMETHANE	200 U	200 U	10 U	10 U		
CIS-1,2-DICHLOROETHENE	200 U	200 U	10 U	10 U		
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE	200 U	200 U	10 U	10 U		
DIBROMOCHLOROMETHANE	200 U	200 U	10 U	10 U		
ETHYLBENZENE	230	55	10 U	9.4	12 J	11 U
ETHYLENE DIBROMIDE						
HEXANE						
M,P-XYLENE					12	8.1 J
METHYLENE CHLORIDE	200 U	200 U	10 U	10 U		
METHYL-T-BUTYL ETHER	200 U	200 U	10 U	10 U	12 U	11 U
O-XYLENE					12 U	11 U
STYRENE	200 U	200 U	10 U	10 U		
TETRACHLOROETHENE	200 U	200 U	10 U	10 U		
TOLUENE	570	85	10 U	16	12 U	11 U
TRANS-1,2-DICHLOROETHENE	200 U	200 U	10 U	10 U		
TRANS-1,3-DICHLOROPROPENE	200 U	200 U	10 U	10 U		
TRICHLOROETHENE	200 U	200 U	10 U	10 U		
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE	200 U	200 U	10 U	10 U		
XYLENE (TOTAL)	11000	1700 U	10 U	46		

Notes:

UG/KG Micrograms per kilogram

TABLE E-69: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	CA13-18	CA13-18	CA13-19	CA13-19	CA13-20	CA13-20
Sample ID	030-CAP-219	030-CAP-220	030-CAP-221	030-CAP-222	030-CAP-223	030-CAP-224
Sampling Date	6/14/2000	6/14/2000	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	4 - 4.5	3 - 3.5	6.5 - 7
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
1,1,1-TRICHLOROETHANE						
1,1,2,2-TETRACHLOROETHANE						
1,1,2-TRICHLOROETHANE						
1,1-DICHLOROETHANE						
1,1-DICHLOROETHENE						
1,2,4-TRIMETHYLBENZENE						
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE						
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE						
1,3,5-TRIMETHYLBENZENE						
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE						
2-CHLOROETHYLVINYLETHER						
2-HEXANONE						
4-METHYL-2-PENTANONE						
ACETONE						
BENZENE	11 U	12 U	11 U	11 U	98 J	61 U
BROMODICHLOROMETHANE						
BROMOFORM						
BROMOMETHANE						
CARBON DISULFIDE						
CARBON TETRACHLORIDE						
CHLOROBENZENE	11 U	12 U	11 U	11 U	13 U	61 U
CHLOROETHANE						
CHLOROFORM						
CHLOROMETHANE						
CIS-1,2-DICHLOROETHENE						
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE						
DIBROMOCHLOROMETHANE						
ETHYLBENZENE	11 U	12 U	11 U	11 U	45 J	390
ETHYLENE DIBROMIDE						
HEXANE						
M,P-XYLENE	11 U	12 U	11 U	11 U	190 J	61 U
METHYLENE CHLORIDE						
METHYL-T-BUTYL ETHER	11 U	12 U	11 U	11 U	13 U	61 U
O-XYLENE	11 U	12 U	11 U	11 U	76 J	530
STYRENE						
TETRACHLOROETHENE						
TOLUENE	11 U	12 U	11 U	11 U	100 J	61 U
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE						
TRICHLOROETHENE						
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE						
XYLENE (TOTAL)						

Notes:

UG/KG Micrograms per kilogram

TABLE E-69: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	CA13-21	CA13-21	CA13-22	CA13-22	CA13-23	CA13-23
Sample ID	030-CAP-411	030-CAP-412	030-CAP-414	030-CAP-415	030-CAP-417	030-CAP-418
Sampling Date	6/14/2000	6/14/2000	6/14/2000	6/14/2000	6/15/2000	6/15/2000
Sampling Depth (feet bgs)	3.5 - 4	5.5 - 6	4 - 4.5	7.5 - 8	3.5 - 4	5 - 6.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
1,1,1-TRICHLOROETHANE						
1,1,2,2-TETRACHLOROETHANE						
1,1,2-TRICHLOROETHANE						
1,1-DICHLOROETHANE						
1,1-DICHLOROETHENE						
1,2,4-TRIMETHYLBENZENE						
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE						
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE						
1,3,5-TRIMETHYLBENZENE						
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE						
2-CHLOROETHYLVINYLETHER						
2-HEXANONE						
4-METHYL-2-PENTANONE						
ACETONE						
BENZENE	52 U	12 U	56 J	12 U	120	23 U
BROMODICHLOROMETHANE						
BROMOFORM						
BROMOMETHANE						
CARBON DISULFIDE						
CARBON TETRACHLORIDE						
CHLOROBENZENE	52 U	12 U	45 U	12 U	60 U	23 U
CHLOROETHANE						
CHLOROFORM						
CHLOROMETHANE						
CIS-1,2-DICHLOROETHENE						
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE						
DIBROMOCHLOROMETHANE						
ETHYLBENZENE	35 J	25	99 J	12 U	400	70 J
ETHYLENE DIBROMIDE						
HEXANE						
M,P-XYLENE	44 J	32	250 J	73 J	1300	78 J
METHYLENE CHLORIDE						
METHYL-T-BUTYL ETHER	52 U	12 U	45 U	12 U	60 U	23 U
O-XYLENE	120	71	150 J	18 J	650	110 J
STYRENE						
TETRACHLOROETHENE						
TOLUENE	52 U	12 U	110 J	12 U	83	23 U
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE						
TRICHLOROETHENE						
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE						
XYLENE (TOTAL)						

Notes:

UG/KG Micrograms per kilogram

TABLE E-69: SITE 13 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	CA13-24	CA13-24	CA13-25	CA13-25	CA13-26	CA13-26
Sample ID	030-CAP-420	030-CAP-421	030-CAP-424	030-CAP-425	030-CAP-427	030-CAP-428
Sampling Date	6/15/2000	6/15/2000	6/14/2000	6/14/2000	6/21/2000	6/21/2000
Sampling Depth (feet bgs)	2.5 - 3	4 - 4.5	3.5 - 4	4.5 - 5	3.5 - 4.5	6.5 - 7
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
1,1,1-TRICHLOROETHANE						
1,1,2,2-TETRACHLOROETHANE						
1,1,2-TRICHLOROETHANE						
1,1-DICHLOROETHANE						
1,1-DICHLOROETHENE						
1,2,4-TRIMETHYLBENZENE						
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE						
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE						
1,3,5-TRIMETHYLBENZENE						
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE						
2-CHLOROETHYLVINYLETHER						
2-HEXANONE						
4-METHYL-2-PENTANONE						
ACETONE						
BENZENE	11 U	11 U	11 U	12 U	12 U	22 U
BROMODICHLOROMETHANE						
BROMOFORM						
BROMOMETHANE						
CARBON DISULFIDE						
CARBON TETRACHLORIDE						
CHLOROBENZENE	11 U	11 U	11 U	12 U	12 U	22 UJ
CHLOROETHANE						
CHLOROFORM						
CHLOROMETHANE						
CIS-1,2-DICHLOROETHENE						
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE						
DIBROMOCHLOROMETHANE						
ETHYLBENZENE	11 U	11 U	11 U	12 U	12 U	22 U
ETHYLENE DIBROMIDE						
HEXANE						
M,P-XYLENE	11 U	11 U	11 U	12 U	12 U	22 U
METHYLENE CHLORIDE						
METHYL-T-BUTYL ETHER	11 U	11 U	11 U	12 U	12 U	22 U
O-XYLENE	11 U	11 U	11 U	12 U	12 U	22 U
STYRENE						
TETRACHLOROETHENE						
TOLUENE	11 U	11 U	11 U	12 U	12 U	22 U
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE						
TRICHLOROETHENE						
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE						
XYLENE (TOTAL)						

Notes:

UG/KG Micrograms per kilogram

TABLE E-70: 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	B13-31
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	280-S13-011
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	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	1 - 2
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										
ALUMINUM	3150 J	14900 J	9100 J	2900 J	5440 J	13200 J	493 J	4830 J	12100 J	1420 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	0.76 UJ
ARSENIC	9	2.9	2.9	15.3	4.9	6.2	4.5	1.7 J	3.3	1.6 J
BARIUM	68.5	67.9	60	74.8	32.9 J	56.6	11.6 J	14.3 J	75.3	35 J
BERYLLIUM	0.44 J	1.2	1.2	0.49 J	0.53 J	1.5	0.23 U	0.51 J	1.4	0.35 J
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	0.16 J
CALCIUM	2050	2650	1750	11800	2000	3830	1310	2520	2030	3560
CHROMIUM	18.3	60.2	30	10.7	32.8	56.6	337	29	33.6	20.1
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	2.6 J
COPPER	10.8	10.9	9.4	23.1	8.3	12.5	9.8	4.4 J	11	4.8 J
IRON	5960	15300	14900	6430	6200	21300	3380	5740	14700	2790
LEAD	65.7	3	2.7	378	39.8	4.3	207	12.5	3.2	167
MAGNESIUM	814 J	3340	2700	979 J	1560	3520	157 J	1370	3280	339 J
MANGANESE	51.4	109	179	56.6	56.7	87.5	49.4	65.6	94.4	22.6
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	0.3
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	2.9 U
NICKEL	15.8 UJ	42.4	47.1	118	25.6	50.3	278	28.9	49.2	13.8 UJ
POTASSIUM	654 UJ	1110 J	969 J	360 UJ	943 J	1390	170 UJ	581 UJ	1360	373 UJ
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	0.69 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	0.32 U
SODIUM	122 J	315 J	255 J	232 J	130 J	376 J	492 J	571 J	473 J	576 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	0.53 U
TITANIUM										
VANADIUM	18.1	38.7	27.3	44.8	22.4	52.3	22.9	21.8	32.4	10.1 J
ZINC	19.8	32.5	26.3	29.3	14.5	32.8	7.4	17.5	33.2	7

Notes:

MG/KG Milligrams per kilogram

TABLE E-70: SITE 13 TOTAL METALS IN SOIL

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

Location	B13-31	B13-31	B13-32	B13-32	B13-32	B13-38	B13-38	B13-38	B13-38	B13-39
Sample Code	280-S13-012	280-S13-013	280-S13-015	280-S13-016	280-S13-017	ALA13B38-1	ALA13B38-2	ALA13B38-3	ALA13B38-4	ALA13B39-1
Sampling Date	12/9/1994	12/9/1994	8/12/1994	8/12/1994	8/12/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994	4/4/1994
Sampling Depth (feet bgs)	2.5 - 3.5	4.5 - 5.5	.5 - 1.5	2 - 3	4 - 5	0 - 1.5	4.5 - 5	10 - 10.5	15.5 - 16	3 - 3.5
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										
ALUMINUM	13200 J	10300 J	7580	8570	9530	4820	8950	10100	10200	5230
ANTIMONY	0.76 UJ	0.78 UJ	4.8 J	0.63 J	0.52 UJ	0.59 J	1.3 J	0.98 J	0.88 J	0.59 J
ARSENIC	3	5	18.8	2.7	3.9	1.5	2.6	3	3	1.3
BARIUM	69 6	68	114	73	46.5	36	271	74.6	77.9	24.2
BERYLLIUM	1.8	2	0 28 U	0 3 UJ	0.36 UJ	0.13 J	0.54	0.31	0.3	0.17 J
CADMIUM	0 28 J	0 3 J	18	0 09 U	0 09 U	0.1 J	0.11 J	0.11 J	0.13 J	0.05 J
CALCIUM	1960	2310	4080	3650	1570	3070	5790	2670	2600	4330
CHROMIUM	49 8	35	37 8	35 4	40 3	30 1	31	42.2	43.7	32.1
COBALT	9 7 J	9 3 J	3 1 J	6 5 J	11 1 J	4 2	6.8	6.9	7.4	3.9
COPPER	11 1	10	40 3	16 4	9.4 UJ	5.3 J	17.9 J	10.1 J	12.2 J	5.9 J
IRON	18000	14600	74800	13000	12000	7970	13900	14400	14800	8330
LEAD	3 8	2 5	431	79.6	3.3	3	32.6	4.8	2.1	1.2
MAGNESIUM	3390	3050	2200	2270	2430	2310	2330	3670	3870	2470
MANGANESE	96 6	92 2	297	109	112	108	316	217	202	105
MERCURY	0.18 U	0.18 U	0.19 U	0.17 U	0.17 U	0.01 J	0.03	0.02 J	0.04	0.02 J
MOLYBDENUM	2.9 U	3 U	3.5 U	3.2 U	3.1 U	0.15 U	0.89 UJ	0.18 UJ	0.21 UJ	0.16 UJ
NICKEL	47	51	35.6	29.2	29.9	23.5	25.3	45.3	48.2	23.8
POTASSIUM	1200	1460	927 J	987 J	1520	655	903	925	973	731
SELENIUM	0.69 U	0.71 U	0.68 U	0.61 U	0.6 U	0.24 J	0.62	0.44 J	0.51 J	0.29 J
SILVER	0.32 U	0.33 U	1.6 J	0.49 J	0.23 J	0.2 UJ	0.19 UJ	0.16 U	0.16 U	0.15 UJ
SODIUM	400 J	388 J	193 J	267 J	286 J	85 J	316	437	616	101 J
THALLIUM	0.53 U	0.55 U	0.5 U	0.45 U	0.45 U	0.11 U	0.12 U	0.12 U	0.12 U	0.11 U
TITANIUM										
VANADIUM	37.5	39.4	24.6	24.8	34.5	20.4	30.9	28.6	29.7	22.5
ZINC	36.3	34	7120	99.6	27	16.3 J	32.9 J	26.4 J	26.2 J	15.8 J

Notes:

MG/KG Milligrams per kilogram

TABLE E-70: SITE 13 TOTAL METALS IN SOIL

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

Location	B13-39	B13-39	B13-39	B13-39	B13-40	B13-40	B13-40	B13-40	B13-40	B13-41
Sample Code	ALA13B39-2	ALA13B39-3	ALA13B39-4	ALA13B39-5	ALA13B40-1	ALA13B40-2	ALA13B40-3	ALA13B40-4	ALA13B40-5	ALA13B41-1
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	4/5/1994
Sampling Depth (feet bgs)	8 - 8.5	11.5 - 12	14 - 14.5	16 - 16.5	.5 - 1	4.5 - 5	9.5 - 10	13 - 13.5	15.5 - 16	.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										
ALUMINUM	5670	35700	13200	10600	6120	4660	4610	18500	9360	5600
ANTIMONY	0.68 J	2.2 J	0.71 J	0.88 J	0.9 J	0.49 J	0.43 J	1.1 J	0.86 J	0.75 J
ARSENIC	2	14	7.2	3.2	1.4	1.1	1.9	7.4	3.1	2.7
BARIUM	47	111	47.3	82.7	81.2	26	30.5	72.6	72.1	39.3
BERYLLIUM	0 23 J	0 63	0 19 J	0 23 J	0.19 J	0 14 J	0.05 U	0.35	0.23 J	0.27
CADMIUM	0 06 J	0 66	0 23 J	0 1 J	0 05 J	0 02 U	0.05 J	0.37	0.12 J	0.29
CALCIUM	8290	6050	7880	2420	5670	2550	5710	7460	2190	3970
CHROMIUM	35 1	118	51 1	42 3	49 8	29 6 J	30.2	65.6	42	35.7
COBALT	4 4	20 2	10 7	7 2	4.3	4 J	3.6	12	6.7	4.3
COPPER	5 5 J	47 9 J	17 5 J	9 8 J	5.3 J	4.1	10.6 J	25.5 J	10.8 J	6.7 J
IRON	9050	46800	18700	14800	9600	7490 J	7130	25700	14500	9160
LEAD	1 8	22 8	22.9	2.3	1.3	1.1	8	46.9	2.4	4.7
MAGNESIUM	2650	14400	5570	3900	2690	2240	1990	7570	3660	2510
MANGANESE	120	679	252	199	120	95.1	87.2	397	202	120
MERCURY	0.04	0.38	0.21	0.02	0.01 J	0.01 J	0.02	0.16	0.02 J	0.01 J
MOLYBDENUM	0.17 U	0.25 U	0.66 UJ	0.17 U	0.17 U	0.17 U	0.21 UJ	0.24 UJ	0.17 U	0.15 U
NICKEL	24.6	119	46.7	46.3	25.6	22 J	20.2	67.3	45.4	26.3
POTASSIUM	842	4950	2080	1520	733	686	644	2700	1190	713
SELENIUM	0.38 J	1.5	0.76	0.5 J	0.22 J	0.34 J	0.32 J	0.85	0.5 J	0.31 J
SILVER	0.23 UJ	0.41 UJ	0.29 UJ	0.16 U	0.16 U	0.4 J	0.19 UJ	0.19 U	0.16 UJ	0.14 U
SODIUM	171 J	4680	1790	1270	127 J	326	492	2610	1020	86 J
THALLIUM	0.12 U	0.18 U	0.15 U	0.12 U	0.12 U	0.12 U	0.12 U	0.14 U	0.12 U	0.11 U
TITANIUM										
VANADIUM	24.2	85.9	41.3	30.2	28.2	20.4	17.6	49.4	28.5	24.1
ZINC	17 J	118 J	53.8 J	26.9 J	16.4 J	14 J	17.6 J	83.8 J	26.2 J	19.1 J

Notes:

MG/KG Milligrams per kilogram

TABLE E-70: SITE 13 TOTAL METALS IN SOIL

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

Location	B13-41	B13-41	B13-41	B13-41	B13-41
Sample Code	ALA13B41-2	ALA13B41-3	ALA13B41-4	ALA13B41-5	ALA13B41-6
Sampling Date	4/5/1994	4/5/1994	4/5/1994	4/5/1994	4/5/1994
Sampling Depth (feet bgs)	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
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte					
ALUMINUM	5500	2680	5440	8680	11500
ANTIMONY	0.66 J	0.15 UJ	0.53 J	0.15 UJ	0.16 UJ
ARSENIC	1.2	13.9	2.9	3.1	5.4
BARIUM	34.3	44.9	59.5	40	44
BERYLLIUM	0.31	0.11 J	0.11 J	0.34	0.32 J
CADMIUM	0.02 U	0.02 U	0.02 U	0.02 U	0.24 J
CALCIUM	3200	2200	5750	2810	3060
CHROMIUM	33.3 J	67.8 J	33.8 J	41.4 J	110 J
COBALT	4 J	4 J	2.2 J	8.3 J	15.2 J
COPPER	4.4	18.3	6.2	11.9	36.1
IRON	8110 J	7330 J	7330 J	10700 J	12800 J
LEAD	1.1	413	22.5	6.5	150
MAGNESIUM	2390	663	1630	2910	3530
MANGANESE	98.4	39.4	75.7	101	134
MERCURY	0.01 U	0.03	0.07	0.06	0.05
MOLYBDENUM	0.16 U	1.5 J	0.17 U	0.18 U	0.72 J
NICKEL	23.1 J	44.3 J	13.9 J	46.9 J	121 J
POTASSIUM	663	588	835	1070	1400
SELENIUM	0.18 J	0.93	0.43 J	0.28 J	0.64 J
SILVER	0.26 UJ	0.22 UJ	0.27 UJ	0.28 UJ	0.18 U
SODIUM	118 J	390	251 J	198 J	452
THALLIUM	0.12 U	0.13 U	0.12 U	0.13 U	0.14 U
TITANIUM					
VANADIUM	22.7	19.9	22.7	29	47.7
ZINC	15.1 J	9.8 J	11.5 J	49.7 J	131 J

Notes:

MG/KG Milligrams per kilogram

TABLE E-71: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

Location	CA13-11	CA13-11	CA13-12	CA13-12	CA13-13	CA13-13	CA13-14	CA13-14
Sample Code	030-CAP-205	030-CAP-206	030-CAP-207	030-CAP-208	030-CAP-209	030-CAP-210	030-CAP-211	030-CAP-212
Sampling Date	5/9/2000	5/9/2000	5/9/2000	5/9/2000	5/11/2000	5/11/2000	5/11/2000	5/11/2000
Sampling Depth (feet bgs)	3 - 4	7 - 8	3 - 4	4.5 - 5.3	2.8 - 3.8	4.5 - 5.5	3 - 4	7.5 - 8
Units	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
Analyte								
BENZENE								
DIESEL RANGE ORGANICS	850	10 U	10 U	1100	10 U	390 J	10 U	10 U
ETHYLBENZENE								
GASOLINE RANGE ORGANICS	1300	40000 J	500 U	9100 J	500 UJ	500 U	500 U	500 U
JET FUEL								
JP5 RANGE ORGANICS	80	10 U	10 U	170	10 U	82 J	10 U	10 U
KEROSENE RANGE ORGANICS								
MOTOR OIL RANGE ORGANICS	10000	250 U	250 U	5700	250 U	2600 J	250 U	250 U
OTHER HEAVY TPH COMPONENTS								
OTHER TPH COMPONENTS, TOTAL								
TOLUENE								
XYLENE (TOTAL)								

Notes:

MG/KG Miligrams per kilogram

TABLE E-71: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

Location	CA13-15	CA13-15	CA13-16	CA13-16	CA13-17	CA13-17	CA13-18	CA13-18
Sample Code	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	6/14/2000	6/14/2000	6/14/2000	6/14/2000
Sampling Depth (feet bgs)	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
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte								
BENZENE								
DIESEL RANGE ORGANICS	1800	480	380	120	36000	18000	400 J	270 J
ETHYLBENZENE								
GASOLINE RANGE ORGANICS	22000	11000 J	500 U	500 UJ	2.9 J	200 J	1.1 U	1.2 U
JET FUEL								
JP5 RANGE ORGANICS	720	140	14	24				
KEROSENE RANGE ORGANICS								
MOTOR OIL RANGE ORGANICS	10000	6500	2300	2300	30000	23000	690	460
OTHER HEAVY TPH COMPONENTS								
OTHER TPH COMPONENTS, TOTAL								
TOLUENE								
XYLENE (TOTAL)								

Notes:

MG/KG Miligrams per kilogram

TABLE E-71: 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
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
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
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
Units	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
Analyte								
BENZENE								
DIESEL RANGE ORGANICS	1.1 U	33 J	20000	120	10 U	30000	7400	18000
ETHYLBENZENE								
GASOLINE RANGE ORGANICS	1.1 U	1.2 U	2.5 J	26 J	500 U	1300 J	1400 J	83 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
OTHER HEAVY TPH COMPONENTS								
OTHER TPH COMPONENTS, TOTAL								
TOLUENE								
XYLENE (TOTAL)								

Notes:

MG/KG Miligrams per kilogram

TABLE E-71: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

Location	CA13-22	CA13-23	CA13-23	CA13-24	CA13-24	CA13-25	CA13-25	CA13-26
Sample Code	030-CAP-415	030-CAP-417	030-CAP-418	030-CAP-420	030-CAP-421	030-CAP-424	030-CAP-425	030-CAP-427
Sampling Date	6/14/2000	6/15/2000	6/15/2000	6/15/2000	6/15/2000	6/14/2000	6/14/2000	6/21/2000
Sampling Depth (feet bgs)	7.5 - 8	3.5 - 4	5 - 6.5	2.5 - 3	4 - 4.5	3.5 - 4	4.5 - 5	3.5 - 4.5
Units	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
Analyte								
BENZENE								
DIESEL RANGE ORGANICS	13000	1200	3300	1.1 U	130	4.7 J	11 J	280 J
ETHYLBENZENE								
GASOLINE RANGE ORGANICS	27 J	750 J	23 J	0.53 U	0.53 U	1.2 U	1.2 U	380 J
JET FUEL								
JP5 RANGE ORGANICS								
KEROSENE RANGE ORGANICS								
MOTOR OIL RANGE ORGANICS	14000	920	3000	11 U	130	12 U	18	11 U
OTHER HEAVY TPH COMPONENTS								
OTHER TPH COMPONENTS, TOTAL								
TOLUENE								
XYLENE (TOTAL)								

Notes:

MG/KG Milligrams per kilogram

TABLE E-71: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

Location	CA13-26	030-S19-001	030-S19-002	030-S19-003
Sample Code	030-CAP-428	030-S19-001	030-S19-002	030-S19-003
Sampling Date	6/21/2000	10/20/1998	10/21/1998	10/21/1998
Sampling Depth (feet bgs)	6.5 - 7	0 - 4.5	0 - 3	0 - 4
Units	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	TPH	TPH	TPH	TPH
Analyte				
BENZENE				
DIESEL RANGE ORGANICS	210 J	11 U	110 U	110 U
ETHYLBENZENE				
GASOLINE RANGE ORGANICS	1100 J	0.56 U	0.55 U	0.57 U
JET FUEL				
JP5 RANGE ORGANICS		11 U	110 U	110 U
KEROSENE RANGE ORGANICS				
MOTOR OIL RANGE ORGANICS	22 U	11 U	570 J	360
OTHER HEAVY TPH COMPONENTS				
OTHER TPH COMPONENTS, TOTAL				
TOLUENE				
XYLENE (TOTAL)				

Notes:

MG/KG Miligrams per kilogram

TABLE E-72: SITE 13 GENERAL CHEMISTRY IN SOIL

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

Location	030-S19-001	030-S19-002	030-S19-003	CA13-11	CA13-11	CA13-12	CA13-12	CA13-12	CA13-13
Sample Code	030-S19-001	030-S19-002	030-S19-003	030-CAP-205	030-CAP-206	030-CAP-207	030-CAP-378	030-CAP-208	030-CAP-209
Sampling Date	10/20/1998	10/21/1998	10/21/1998	5/9/2000	5/9/2000	5/9/2000	5/9/2000	5/9/2000	5/11/2000
Sampling Depth (feet bgs)	0 - 4.5	0 - 3	0 - 4	3 - 4	7 - 8	3 - 4	4 - 4.5	4.5 - 5.3	2.8 - 3.8
Units	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY									
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE	10	8.7	12.8	22	15	15	22	12	17
PH, UNITS	8.07 J	8.88 J	8.5 J						
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN									
TOTAL ORGANIC CARBON									

Notes:

%MST Percent moisture

TABLE E-72: SITE 13 GENERAL CHEMISTRY IN SOIL

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

Location	CA13-13	CA13-14	CA13-14	CA13-15	CA13-15	CA13-16	CA13-16	CA13-17	CA13-17
Sample Code	030-CAP-210	030-CAP-211	030-CAP-212	030-CAP-214	030-CAP-213	030-CAP-215	030-CAP-216	030-CAP-217	030-CAP-218
Sampling Date	5/11/2000	5/11/2000	5/11/2000	5/11/2000	5/11/2000	5/11/2000	5/11/2000	6/14/2000	6/14/2000
Sampling Depth (feet bgs)	4.5 - 5.5	3 - 4	7.5 - 8	3 - 4	4 - 5	1.5 - 2.5	4 - 5	3 - 3.5	4 - 4.5
Units	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY									
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE	17	12	15	10	20	23	15	14	14
PH, UNITS									
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN									
TOTAL ORGANIC CARBON									

Notes:

%MST Percent moisture

TABLE E-72: SITE 13 GENERAL CHEMISTRY IN SOIL

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

Location	CA13-18	CA13-18	CA13-19	CA13-19	CA13-20	CA13-20	CA13-21	CA13-21	CA13-22
Sample Code	030-CAP-219	030-CAP-220	030-CAP-221	030-CAP-222	030-CAP-223	030-CAP-224	030-CAP-411	030-CAP-412	030-CAP-414
Sampling Date	6/14/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	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	4 - 4.5	3 - 3.5	6.5 - 7	3.5 - 4	5.5 - 6	4 - 4.5
Units	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY									
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE	15	17	12	13	15	18	12	10	7
PH, UNITS									
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN									
TOTAL ORGANIC CARBON									

Notes:

%MST Percent moisture

TABLE E-72: SITE 13 GENERAL CHEMISTRY IN SOIL

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

Location	CA13-22	CA13-23	CA13-23	CA13-24	CA13-24	CA13-25	CA13-25	CA13-26	CA13-26
Sample Code	030-CAP-415	030-CAP-417	030-CAP-418	030-CAP-420	030-CAP-421	030-CAP-424	030-CAP-425	030-CAP-427	030-CAP-428
Sampling Date	6/14/2000	6/15/2000	6/15/2000	6/15/2000	6/15/2000	6/14/2000	6/14/2000	6/21/2000	6/21/2000
Sampling Depth (feet bgs)	7.5 - 8	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
Units	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST	%MST
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte									
AMMONIA									
CATION EXCHANGE CAPACITY									
CHLORIDE									
CYANIDE									
IGNITABILITY									
NITRATE									
PERCENT MOISTURE	14	16	18	10	14	15	20	11	54
PH, UNITS									
PHOSPHATE									
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN									
TOTAL ORGANIC CARBON									

Notes:

%MST Percent moisture

TABLE E-73: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	CA13-01	CA13-02	CA13-04	CA13-05	CA13-11	CA13-12
Sample Code	030-CAP-187	030-CAP-188	030-CAP-189	030-CAP-423	030-CAP-225	030-CAP-226
Sampling Date	4/27/2000	5/11/2000	6/15/2000	6/15/2000	5/9/2000	5/9/2000
Sampling Depth (feet bgs)	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
1,1,1,2-TETRACHLOROETHANE						
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	20 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U	20 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	20 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	20 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	20 U
1,1-DICHLOROPROPENE						
1,2,3-TRICHLOROBENZENE						
1,2,3-TRICHLOROPROPANE						
1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE	1 U	1 U	1 U	15	8.9	40
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	20 U
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	20 U
1,3,5-TRIMETHYLBENZENE	1 U	1 U	1 U	1.7	12	16
1,3-DICHLOROBENZENE						
1,3-DICHLOROPROPANE						
1,4-DICHLOROBENZENE						
2,2-DICHLOROPROPANE						
2-BUTANONE						
2-CHLOROETHYLVINYLETHER						
2-CHLOROTOLUENE						
2-HEXANONE						
4-CHLOROTOLUENE						
4-METHYL-2-PENTANONE						
ACETONE						
BENZENE	0.5 U	0.5 U	0.5	0.5 U	120	1100
BROMOBENZENE						
BROMOCHLOROMETHANE						
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	20 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U	20 U
BROMOMETHANE	5 U	5 U	5 U	5 U	5 U	100 U
CARBON DISULFIDE						
CARBON TETRACHLORIDE	1 U	1 U	1 U	1 U	1 U	20 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	20 U
CHLOROETHANE	5 UJ	5 U	5 U	5 U	5 U	100 U
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	20 U
CHLOROMETHANE	5 U	5 U	5 U	5 U	5 U	100 U
CIS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	20 U
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U	20 U
DIBROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	20 U
DIBROMOMETHANE						
DICHLORODIFLUOROMETHANE						
DIISOPROPYL ETHER						
ETHYL TERT-BUTYL ETHER						
ETHYLBENZENE	1 U	1.1	1 U	0.8 J	15	96
ETHYLENE DIBROMIDE						
HEXACHLOROBUTADIENE						

TABLE E-73: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	CA13-01	CA13-02	CA13-04	CA13-05	CA13-11	CA13-12
Sample Code	030-CAP-187	030-CAP-188	030-CAP-189	030-CAP-423	030-CAP-225	030-CAP-226
Sampling Date	4/27/2000	5/11/2000	6/15/2000	6/15/2000	5/9/2000	5/9/2000
Sampling Depth (feet bgs)	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
ISOPROPYLBENZENE						
M,P-XYLENE	0.5 J	1 U	1 U	2.1		
METHYLENE CHLORIDE	2.2 UJ	2 U	2 U	2 U	5 U	100 U
METHYL-T-BUTYL ETHER	2 UJ	2 U	2 U	2 U	2 U	10 U
NAPHTHALENE						
N-BUTYLBENZENE						
N-PROPYLBENZENE						
O-XYLENE	1 U	0.6 J	1 U	1 U		
P-ISOPROPYLTOLUENE						
SEC-BUTYLBENZENE						
STYRENE	1 U	1 U	1 U	1 U	1 U	20 U
TERT-AMYL METHYL ETHER						
TERT-BUTANOL						
TERT-BUTYLBENZENE						
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U	20 U
TOLUENE	1 U	1 U	1 U	1 U	7.9	56
TRANS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	20 U
TRANS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U	20 U
TRICHLOROETHENE	0.6 J	1 U	1 U	1 U	1 U	20 U
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
XYLENE (TOTAL)					42	450

Notes:

UG/L Micrograms per liter

TABLE E-73: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	CA13-13	CA13-14	CA13-15	CA13-16	CA13-17	CA13-18
Sample Code	030-CAP-227	030-CAP-228	030-CAP-229	030-CAP-230	030-CAP-231	030-CAP-232
Sampling Date	5/11/2000	5/11/2000	5/11/2000	5/11/2000	6/14/2000	6/14/2000
Sampling Depth (feet bgs)	2.5 - 7.5	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
1,1,1,2-TETRACHLOROETHANE						
1,1,1-TRICHLOROETHANE	1 U	1 U	20 U	10 U		
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	20 U	10 U		
1,1,2-TRICHLOROETHANE	1 U	1 U	20 U	10 U		
1,1-DICHLOROETHANE	1 U	1 U	20 U	10 U		
1,1-DICHLOROETHENE	1 U	1 U	20 U	10 U		
1,1-DICHLOROPROPENE						
1,2,3-TRICHLOROBENZENE						
1,2,3-TRICHLOROPROPANE						
1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE	9.7	5.7	25	10 U		
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE	1 U	1 U	20 U	10 U		
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	1 U	1 U	20 U	10 U		
1,3,5-TRIMETHYLBENZENE	5.4	1 U	20 U	10 U		
1,3-DICHLOROBENZENE						
1,3-DICHLOROPROPANE						
1,4-DICHLOROBENZENE						
2,2-DICHLOROPROPANE						
2-BUTANONE						
2-CHLOROETHYLVINYLETHER						
2-CHLOROTOLUENE						
2-HEXANONE						
4-CHLOROTOLUENE						
4-METHYL-2-PENTANONE						
ACETONE						
BENZENE	220	1.4	1100	230	1400	0.5 U
BROMOBENZENE						
BROMOCHLOROMETHANE						
BROMODICHLOROMETHANE	1 U	1 U	20 U	10 U		
BROMOFORM	1 U	1 U	20 U	10 U		
BROMOMETHANE	5 U	5 U	10 U	5 U		
CARBON DISULFIDE						
CARBON TETRACHLORIDE	1 U	1 U	20 U	10 U		
CHLOROBENZENE	1 U	1 U	20 U	10 U	10 U	25
CHLOROETHANE	5 U	5 U	10 U	5 U		
CHLOROFORM	1 U	1 U	20 U	10 U		
CHLOROMETHANE	5 U	5 U	10 U	5 U		
CIS-1,2-DICHLOROETHENE	1 U	1 U	20 U	10 U		
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE	1 U	1 U	20 U	10 U		
DIBROMOCHLOROMETHANE	1 U	1 U	20 U	10 U		
DIBROMOMETHANE						
DICHLORODIFLUOROMETHANE						
DIISOPROPYL ETHER						
ETHYL TERT-BUTYL ETHER						
ETHYLBENZENE	8.1	1 U	20 U	18	85	1 U
ETHYLENE DIBROMIDE						
HEXACHLOROBUTADIENE						

TABLE E-73: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	CA13-13	CA13-14	CA13-15	CA13-16	CA13-17	CA13-18
Sample Code	030-CAP-227	030-CAP-228	030-CAP-229	030-CAP-230	030-CAP-231	030-CAP-232
Sampling Date	5/11/2000	5/11/2000	5/11/2000	5/11/2000	6/14/2000	6/14/2000
Sampling Depth (feet bgs)	2.5 - 7.5	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
ISOPROPYLBENZENE						
M,P-XYLENE					120	1 U
METHYLENE CHLORIDE	5 U	5 U	10 U	5 U		
METHYL-T-BUTYL ETHER	2 UJ	2 U	40 UJ	20 UJ	20 U	2 U
NAPHTHALENE						
N-BUTYLBENZENE						
N-PROPYLBENZENE						
O-XYLENE					76	1 U
P-ISOPROPYLTOLUENE						
SEC-BUTYLBENZENE						
STYRENE	1 U	1 U	20 U	10 U		
TERT-AMYL METHYL ETHER						
TERT-BUTANOL						
TERT-BUTYLBENZENE						
TETRACHLOROETHENE	1 U	1 U	20 U	10 U		
TOLUENE	65	1	20 U	10 U	9.7 J	1 U
TRANS-1,2-DICHLOROETHENE	1 U	1 U	20 U	10 U		
TRANS-1,3-DICHLOROPROPENE	1 U	1 U	20 U	10 U		
TRICHLOROETHENE	1 U	1 U	20 U	10 U		
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE	0.5 U	0.5 U	10 U	5 U		
XYLENE (TOTAL)	55	4.2	110	16		

Notes:

UG/L Micrograms per liter

TABLE E-73: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	CA13-19	CA13-20	CA13-21	CA13-22	CA13-23	CA13-24
Sample Code	030-CAP-233	030-CAP-234	030-CAP-413	030-CAP-416	030-CAP-419	030-CAP-422
Sampling Date	6/14/2000	6/14/2000	6/14/2000	6/15/2000	6/15/2000	6/15/2000
Sampling Depth (feet bgs)	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
1,1,1,2-TETRACHLOROETHANE						
1,1,1-TRICHLOROETHANE						
1,1,2,2-TETRACHLOROETHANE						
1,1,2-TRICHLOROETHANE						
1,1-DICHLOROETHANE						
1,1-DICHLOROETHENE						
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						
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE						
1,3,5-TRIMETHYLBENZENE						
1,3-DICHLOROBENZENE						
1,3-DICHLOROPROPANE						
1,4-DICHLOROBENZENE						
2,2-DICHLOROPROPANE						
2-BUTANONE						
2-CHLOROETHYLVINYLETHER						
2-CHLOROTOLUENE						
2-HEXANONE						
4-CHLOROTOLUENE						
4-METHYL-2-PENTANONE						
ACETONE						
BENZENE	0.5 U	110	2.5 U	26	24	2.8 U
BROMOBENZENE						
BROMOCHLOROMETHANE						
BROMODICHLOROMETHANE						
BROMOFORM						
BROMOMETHANE						
CARBON DISULFIDE						
CARBON TETRACHLORIDE						
CHLOROBENZENE	1 U	1 U	5 U	10 U	4 U	5.6 U
CHLOROETHANE						
CHLOROFORM						
CHLOROMETHANE						
CIS-1,2-DICHLOROETHENE						
CIS-1,2-DICHLOROPROPENE						
CIS-1,3-DICHLOROPROPENE						
DIBROMOCHLOROMETHANE						
DIBROMOMETHANE						
DICHLORODIFLUOROMETHANE						
DIISOPROPYL ETHER						
ETHYL TERT-BUTYL ETHER						
ETHYLBENZENE	1 U	36	5 U	5.6 J	34	21
ETHYLENE DIBROMIDE						
HEXACHLOROBUTADIENE						

TABLE E-73: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	CA13-19	CA13-20	CA13-21	CA13-22	CA13-23	CA13-24
Sample Code	030-CAP-233	030-CAP-234	030-CAP-413	030-CAP-416	030-CAP-419	030-CAP-422
Sampling Date	6/14/2000	6/14/2000	6/14/2000	6/15/2000	6/15/2000	6/15/2000
Sampling Depth (feet bgs)	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH
Analyte						
ISOPROPYLBENZENE						
M,P-XYLENE	1 U	6.5	5 U	24	80	54
METHYLENE CHLORIDE						
METHYL-T-BUTYL ETHER	2 U	2 U	10 U	20 U	8 U	11 U
NAPHTHALENE						
N-BUTYLBENZENE						
N-PROPYLBENZENE						
O-XYLENE	1 U	55	6	11	61	29
P-ISOPROPYLTOLUENE						
SEC-BUTYLBENZENE						
STYRENE						
TERT-AMYL METHYL ETHER						
TERT-BUTANOL						
TERT-BUTYLBENZENE						
TETRACHLOROETHENE						
TOLUENE	1 U	6.3	5 U	15	11	5.6 U
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE						
TRICHLOROETHENE						
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE						
XYLENE (TOTAL)						

Notes:

UG/L Micrograms per liter

TABLE E-73: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	CA13-25	CA13-26	M07C-09	M13-07	MW-1
Sample Code	030-CAP-426	030-CAP-429	030-CAP-065	030-CAP-199	030-CAP-196
Sampling Date	6/14/2000	6/21/2000	4/27/2000	4/25/2000	4/25/2000
Sampling Depth (feet bgs)	3 - 8	3 - 8	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH
Analyte					
1,1,1,2-TETRACHLOROETHANE					
1,1,1-TRICHLOROETHANE			1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE			1 U	1 U	1 U
1,1,2-TRICHLOROETHANE			1 U	1 U	1 U
1,1-DICHLOROETHANE			1 U	1 U	1 U
1,1-DICHLOROETHENE			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 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE			1 U	1 U	1 U
1,2-DICHLOROETHENE (TOTAL)					
1,2-DICHLOROPROPANE			1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE			1 U	1 U	1 U
1,3-DICHLOROBENZENE					
1,3-DICHLOROPROPANE					
1,4-DICHLOROBENZENE					
2,2-DICHLOROPROPANE					
2-BUTANONE					
2-CHLOROETHYLVINYLETHER					
2-CHLOROTOLUENE					
2-HEXANONE					
4-CHLOROTOLUENE					
4-METHYL-2-PENTANONE					
ACETONE					
BENZENE	11	0.5 U	0.5 U	0.5 U	0.5 U
BROMOBENZENE					
BROMOCHLOROMETHANE					
BROMODICHLOROMETHANE			1 U	1 U	1 U
BROMOFORM			1 U	1 U	1 U
BROMOMETHANE			5 U	5 U	5 U
CARBON DISULFIDE					
CARBON TETRACHLORIDE			1 U	1 U	1 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE			5 U	5 U	5 U
CHLOROFORM			1 U	1 U	1 U
CHLOROMETHANE			5 U	5 U	5 U
CIS-1,2-DICHLOROETHENE			1 U	1 U	1 U
CIS-1,2-DICHLOROPROPENE					
CIS-1,3-DICHLOROPROPENE			1 U	1 U	1 U
DIBROMOCHLOROMETHANE			1 U	1 U	1 U
DIBROMOMETHANE					
DICHLORODIFLUOROMETHANE					
DIISOPROPYL ETHER					
ETHYL TERT-BUTYL ETHER					
ETHYLBENZENE	16	1 U	1 U	1 U	1 U
ETHYLENE DIBROMIDE					
HEXACHLOROBUTADIENE					

TABLE E-73: SITE 13 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	CA13-25	CA13-26	M07C-09	M13-07	MW-1
Sample Code	030-CAP-426	030-CAP-429	030-CAP-065	030-CAP-199	030-CAP-196
Sampling Date	6/14/2000	6/21/2000	4/27/2000	4/25/2000	4/25/2000
Sampling Depth (feet bgs)	3 - 8	3 - 8	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH
Analyte					
ISOPROPYLBENZENE					
M,P-XYLENE	55	1 U			
METHYLENE CHLORIDE			5 U	5 U	5 U
METHYL-T-BUTYL ETHER	2 U	2 U	2 U	2 UJ	2 U
NAPHTHALENE					
N-BUTYLBENZENE					
N-PROPYLBENZENE					
O-XYLENE	4	1 U			
P-ISOPROPYLTOLUENE					
SEC-BUTYLBENZENE					
STYRENE			1 U	1 U	1 U
TERT-AMYL METHYL ETHER					
TERT-BUTANOL					
TERT-BUTYLBENZENE					
TETRACHLOROETHENE			1 U	1 U	1 U
TOLUENE	4	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE			1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE			1 U	1 U	1 U
TRICHLOROETHENE			1 U	1 U	1 U
TRICHLOROFLUOROMETHANE					
VINYL ACETATE					
VINYL CHLORIDE			0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)			1 U	1 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-74: SITE 13 METALS IN GROUNDWATER

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

(Page 1 of 3)

Location	CA13-01	CA13-02	CA13-04	CA13-05	CA13-11	CA13-12	CA13-13	CA13-14	CA13-15	CA13-16
Sample Code	030-CAP-187	030-CAP-188	030-CAP-189	030-CAP-423A	030-CAP-225	030-CAP-226	030-CAP-227	030-CAP-228	030-CAP-229	030-CAP-230
Sampling Date	4/27/2000	5/11/2000	6/15/2000	6/16/2000	5/9/2000	5/9/2000	5/11/2000	5/11/2000	5/11/2000	5/11/2000
Sampling Depth (feet bgs)	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10	2.5 - 7.5	3 - 8	3 - 8	3 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte										
ALUMINUM										
ANTIMONY										
ARSENIC										
BARIUM										
BERYLLIUM										
CADMIUM										
CALCIUM										
CHROMIUM										
COBALT										
COPPER										
IRON										
LEAD	3 U	3 U	3 U	3 U	3 U	3 U	3.5 J	3 U	23	86
MAGNESIUM										
MANGANESE										
MERCURY										
MOLYBDENUM										
NICKEL										
POTASSIUM										
SELENIUM										
SILVER										
SODIUM										
THALLIUM										
TITANIUM										
VANADIUM										
ZINC										

Notes:

UG/L Micrograms per liter

TABLE E-74: SITE 13 METALS IN GROUNDWATER

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

Location	CA13-17	CA13-18	CA13-19	CA13-20	CA13-21	CA13-22	CA13-23	CA13-24	CA13-25	CA13-26
Sample Code	030-CAP-231	030-CAP-232	030-CAP-233	030-CAP-234	030-CAP-413	030-CAP-416	030-CAP-419	030-CAP-422	030-CAP-426	030-CAP-429
Sampling Date	6/14/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	6/15/2000	6/15/2000	6/15/2000	6/14/2000	6/21/2000
Sampling Depth (feet bgs)	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte										
ALUMINUM										
ANTIMONY										
ARSENIC										
BARIUM										
BERYLLIUM										
CADMIUM										
CALCIUM										
CHROMIUM										
COBALT										
COPPER										
IRON										
LEAD	3 U	3 U	3 U	77	3 U	3 U	3 U	3 U	3 U	3 U
MAGNESIUM										
MANGANESE										
MERCURY										
MOLYBDENUM										
NICKEL										
POTASSIUM										
SELENIUM										
SILVER										
SODIUM										
THALLIUM										
TITANIUM										
VANADIUM										
ZINC										

Notes:

UG/L Micrograms per liter

TABLE E-74: SITE 13 METALS IN GROUNDWATER

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

Location	M13-07	MW-1
Sample Code	030-CAP-199	030-CAP-196
Sampling Date	4/25/2000	4/25/2000
Sampling Depth (feet bgs)	-	-
Units	UG/L	UG/L
Investigation	TPH	TPH
Analyte		
ALUMINUM		
ANTIMONY		
ARSENIC		
BARIUM		
BERYLLIUM		
CADMIUM		
CALCIUM		
CHROMIUM		
COBALT		
COPPER		
IRON		
LEAD	3 U	3 U
MAGNESIUM		
MANGANESE		
MERCURY		
MOLYBDENUM		
NICKEL		
POTASSIUM		
SELENIUM		
SILVER		
SODIUM		
THALLIUM		
TITANIUM		
VANADIUM		
ZINC		

Notes:
UG/L Micrograms per liter

TABLE E-75: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

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

(Page 1 of 2)

Location	CA13-01	CA13-02	CA13-04	CA13-05	CA13-05	CA13-11	CA13-12	CA13-13	CA13-14
Sample Code	030-CAP-187	030-CAP-188	030-CAP-189	030-CAP-423	030-CAP-423A	030-CAP-225	030-CAP-226	030-CAP-227	030-CAP-228
Sampling Date	4/27/2000	5/11/2000	6/15/2000	6/15/2000	6/16/2000	5/9/2000	5/9/2000	5/11/2000	5/11/2000
Sampling Depth (feet bgs)	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10	2.5 - 7.5	3 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte									
DIESEL RANGE ORGANICS	600 J	1100 J	5600 J		440 J	420	1500	2800	3900
GASOLINE RANGE ORGANICS	3100 J	380 J	760 J	930 J		940	8200	1200	50 U
JET FUEL									
JP5 RANGE ORGANICS						390	1400	620	660
MOTOR OIL RANGE ORGANICS	500 U	500 U	520		500 U	92000	16000	20000	2400
OTHER TPH COMPONENTS, TOTAL									

Notes:

UG/L Micrograms per liter

Location	CA13-15	CA13-16	CA13-17	CA13-18	CA13-19	CA13-20	CA13-21	CA13-22	CA13-23
Sample Code	030-CAP-229	030-CAP-230	030-CAP-231	030-CAP-232	030-CAP-233	030-CAP-234	030-CAP-413	030-CAP-416	030-CAP-419
Sampling Date	5/11/2000	5/11/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	6/15/2000	6/15/2000
Sampling Depth (feet bgs)	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte									
DIESEL RANGE ORGANICS	7100	620	31000	450	320	44000	10000	510000	1200
GASOLINE RANGE ORGANICS	4500	1700	2300	110 UJ	50 U	1100 J	260 UJ	11000	5700 J
JET FUEL									
JP5 RANGE ORGANICS	1300	410							
MOTOR OIL RANGE ORGANICS	88000	7700	34000	550	500 U	32000	8400	570000	500 U
OTHER TPH COMPONENTS, TOTAL									

Notes:

UG/L Micrograms per liter

TABLE E-75: SITE 13 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

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

Location	CA13-24	CA13-25	CA13-26
Sample Code	030-CAP-422	030-CAP-426	030-CAP-429
Sampling Date	6/15/2000	6/14/2000	6/21/2000
Sampling Depth (feet bgs)	3 - 8	3 - 8	3 - 8
Units	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH
Analyte			
DIESEL RANGE ORGANICS	6600	5700	8900 J
GASOLINE RANGE ORGANICS	72000 J	1500 J	8600 J
JET FUEL			
JP5 RANGE ORGANICS			
MOTOR OIL RANGE ORGANICS	3100	6200	500 U
OTHER TPH COMPONENTS, TOTAL			

Notes:

UG/L Micrograms per liter

Location	M13-07	MW-1
Sample Code	030-CAP-199	030-CAP-196
Sampling Date	4/25/2000	4/25/2000
Sampling Depth (feet bgs)	-	-
Units	UG/L	UG/L
Investigation	TPH	TPH
Analyte		
DIESEL RANGE ORGANICS	100 U	100 U
GASOLINE RANGE ORGANICS	50 U	50 U
JET FUEL		
JP5 RANGE ORGANICS	160	100 U
MOTOR OIL RANGE ORGANICS	500 U	500 U
OTHER TPH COMPONENTS, TOTAL		

Notes:

UG/L Micrograms per liter

TABLE E-76: SITE 13 DISSOLVED GASES IN GROUNDWATER

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

Location	CA13-01	CA13-02	CA13-04	CA13-05
Sample Code	030-CAP-187	030-CAP-188	030-CAP-189	030-CAP-423A
Sampling Date	4/27/2000	5/11/2000	6/15/2000	6/16/2000
Sampling Depth (feet bgs)	0 - 10	0 - 10	0 - 10	0 - 10
Units	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH
Analyte				
ETHANE				
ETHENE				
METHANE	4200 J	42 J	3900	2400

Notes:
UG/L Micrograms per liter

TABLE E-77: SITE 13 GENERAL CHEMISTRY IN GROUNDWATER

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

Location	CA13-01	CA13-02	CA13-04	CA13-05
Sample Code	030-CAP-187	030-CAP-188	030-CAP-189	030-CAP-423
Sampling Date	4/27/2000	5/11/2000	6/15/2000	6/15/2000
Sampling Depth (feet bgs)	0 - 10	0 - 10	0 - 10	0 - 10
Units*	MG/L	MG/L	MG/L	MG/L
Investigation	TPH	TPH	TPH	TPH
Analyte				
ACIDITY				
BICARBONATE				
BICARBONATE ALKALINITY	2400	1100	870	890
BROMIDE				
CARBONATE				
CARBONATE ALKALINITY	5 U	5 U	5 U	5 U
CHLORIDE	300	840	25	19
COD (TOTAL)				
CONDUCTANCE, UHMOS/CM				
DISSOLVED ORGANIC CARBON				
DISSOLVED OXYGEN				
DISSOLVED SULFIDES				
FLUORIDE				
HARDNESS				
HYDROXIDE ALKALINITY	5 U	5 U	5 U	5 U
NITRATE	0.5 UJ	0.1 U	0.05 U	0.05 U
NITRATE/NITRITE (AS N)				
NITRITE				
OIL & GREASE				
ORTHOPHOSPHATE				
PH, UNITS				
PHENOLPHTHALEIN ALKALINITY				
PHOSPHATE				
SULFATE	2.5 U	24	1.6	27
SULFIDE				
SURFACTANTS (MBAS)				
TDS				
TOTAL ALKALINITY	2400	1100	870	890
TOTAL ORGANIC CARBON				

Notes:

* Unless otherwise specified

MG/L Milligrams per liter

UHMOS/CM Microhmos per centimeter

SITE 19
ENVIRONMENTAL BASELINE SURVEY INVESTIGATIONS

TABLE E-78: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	134-006-041	134-006-041	134-IW-005	134-SS-003	134-Z22-025	210-IW-004
Sample Code	134-0071	134-0072	134I-005	134M-003	134-0025M	210I-004
Sampling Date	10/13/1995	10/13/1995	1/5/1995	2/9/1995	4/5/1995	2/14/1995
Sampling Depth (feet bgs)	3 - 4	5.5 - 6.5	7 - 7.5	7.5 - 8	2.5 - 3	4 - 4.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	EBS PHASE 2B	EBS PHASE 2B	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte						
2,4,5-T			119 U			2440 U
2,4,5-TP (SILVEX)			119 U			2440 U
2,4-D			119 U			2440 U
2,4-DB			119 U			2440 U
4,4'-DDD	3.3 U	3.8 U	3.9 U			4 U
4,4'-DDE	3.3 U	5.2 J	3.9 U			4 U
4,4'-DDT	3.3 U	7.2 J	3.9 U			4 U
ALDRIN	1.7 U	1.9 U	2 U			2.1 U
ALPHA-BHC	1.7 U	1.9 U	2 U			2.1 U
ALPHA-CHLORDANE	1.7 U	1.9 U	2 U			2.1 U
AROCLOR-1016	33 U	38 U	39 U	39 U	22 U	40 U
AROCLOR-1221	68 U	76 U	80 U	80 U	22 U	82 U
AROCLOR-1232	33 U	38 U	39 U	39 U	22 U	40 U
AROCLOR-1242	33 U	38 U	39 U	39 U	22 U	40 U
AROCLOR-1248	33 U	38 U	39 U	39 U	22 U	40 U
AROCLOR-1254	33 U	38 U	38 J	39 U	22 U	40 U
AROCLOR-1260	33 U	38 U	39 U	39 U	23	40 U
AZINPHOS-METHYL			200 U			200 U
BETA-BHC	1.7 U	1.9 U	2 U			2.1 U
DALAPON; 2,2-DICHLOROPROPANOIC			119 U			2440 U
DELTA-BHC	1.7 U	1.9 U	2 U			2.1 U
DEMETON			200 U			200 U
DIAZINON			200 U			200 U
DICAMBA			119 U			2440 U
DICHLORPROP			119 U			2440 U
DIELDRIN	3.3 U	3.8 U	3.9 U			4 U
DINOSEB			119 U			2440 U
DISULFOTON			200 U			200 U
ENDOSULFAN I	1.7 U	1.9 U	2 U			2.1 U
ENDOSULFAN II	3.3 U	3.8 U	3.9 U			4 U
ENDOSULFAN SULFATE	3.3 U	3.8 U	3.9 U			4 U
ENDRIN	3.3 U	3.8 U	3.9 U			4 U
ENDRIN ALDEHYDE	3.3 U	3.8 U	3.9 U			4 U
ENDRIN KETONE	3.3 U	3.8 U	3.9 U			4 U
ETHION			200 U			200 U
ETHYL PARATHION			200 U			200 U
GAMMA-BHC (LINDANE)	1.7 U	1.9 U	2 U			2.1 U
GAMMA-CHLORDANE	1.7 U	1.9 U	2 U			2.1 U
HEPTACHLOR	1.7 U	1.9 U	2 U			2.1 U
HEPTACHLOR EPOXIDE	1.7 U	1.9 U	2 U			2.1 U
MALATHION			200 U			200 U
MCPA			5950 U			122000 U
MCPP			5950 U			122000 U
METHOXYCHLOR	17 U	19 U	20 U			21 U
METHYL PARATHION			200 U			200 U
TOXAPHENE	170 U	190 U	200 U			210 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-79: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	134-006-041	134-006-041	134-IW-005	134-SN-003	134-SS-003
Sample Code	134-0071	134-0072	134I-005	134S-003	134M-003
Sampling Date	10/13/1995	10/13/1995	1/5/1995	1/25/1995	2/9/1995
Sampling Depth (feet bgs)	3 - 4	5.5 - 6.5	7 - 7.5	3 - 3.5	7.5 - 8
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	EBS PHASE 2B	EBS PHASE 2B	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte					
1,2,4-TRICHLOROBENZENE	340 UJ	390 UJ	390 U	360 U	390 U
1,2-DICHLOROBENZENE	340 UJ	390 UJ	390 U	360 U	390 U
1,3-DICHLOROBENZENE	340 UJ	390 UJ	390 U	360 U	390 U
1,4-DICHLOROBENZENE	340 UJ	390 UJ	390 U	360 U	390 U
2,2'-OXYBIS(1-CHLOROPROPANE)	340 UJ	390 UJ	390 U	360 U	390 U
2,4,5-TRICHLOROPHENOL	820 UJ	940 UJ	950 U	880 U	950 U
2,4,6-TRICHLOROPHENOL	340 UJ	390 UJ	390 U	360 U	390 U
2,4-DICHLOROPHENOL	340 UJ	390 UJ	390 U	360 U	390 U
2,4-DIMETHYLPHENOL	340 UJ	390 UJ	390 U	360 U	390 U
2,4-DINITROPHENOL	820 UJ	940 UJ	950 U	880 U	950 U
2,4-DINITROTOLUENE	340 UJ	390 UJ	390 U	360 U	390 U
2,6-DINITROTOLUENE	340 UJ	390 UJ	390 U	360 U	390 U
2-CHLORONAPHTHALENE	340 UJ	390 UJ	390 U	360 U	390 U
2-CHLOROPHENOL	340 UJ	390 UJ	390 U	360 U	390 U
2-METHYLNAPHTHALENE	340 UJ	390 UJ	390 U	360 U	390 U
2-METHYLPHENOL	340 UJ	390 UJ	390 U	360 U	390 U
2-NITROANILINE	820 UJ	940 UJ	950 U	880 U	950 U
2-NITROPHENOL	340 UJ	390 UJ	390 U	360 U	390 U
3,3'-DICHLOROBENZIDINE	340 UJ	390 UJ	390 U	360 U	390 U
3-NITROANILINE	820 UJ	940 UJ	950 U	880 U	950 U
4,6-DINITRO-2-METHYLPHENOL	820 UJ	940 UJ	950 U	880 U	950 U
4-BROMOPHENYL-PHENYLETHER	340 UJ	390 UJ	390 U	360 U	390 U
4-CHLORO-3-METHYLPHENOL	340 UJ	390 UJ	390 U	360 U	390 U
4-CHLOROANILINE	340 UJ	390 UJ	390 U	360 U	390 U
4-CHLOROPHENYL-PHENYLETHER	340 UJ	390 UJ	390 U	360 U	390 U
4-METHYLPHENOL	340 UJ	390 UJ	390 U	360 U	390 U
4-NITROANILINE	820 UJ	940 UJ	950 U	880 U	950 U
4-NITROPHENOL	820 UJ	940 UJ	950 U	880 U	950 U
BIS(2-CHLOROETHOXY)METHANE	340 UJ	390 UJ	390 U	360 U	390 U
BIS(2-CHLOROETHYL)ETHER	340 UJ	390 UJ	390 U	360 U	390 U
BIS(2-ETHYLHEXYL)PHTHALATE	340 UJ	390 UJ	150 J	360 U	390 U
BUTYLBENZYLPHTHALATE	340 UJ	390 UJ	29 J	360 U	390 U
CARBAZOLE	340 UJ	390 UJ	390 U	360 U	390 U
DIBENZOFURAN	340 UJ	390 UJ	390 U	360 U	390 U
DIETHYLPHTHALATE	340 UJ	390 UJ	390 U	360 U	390 U
DIMETHYLPHTHALATE	340 UJ	390 UJ	390 U	360 U	390 U
DI-N-BUTYLPHTHALATE	340 UJ	390 UJ	390 U	360 U	390 U
DI-N-OCTYLPHTHALATE	340 UJ	390 UJ	390 U	360 U	390 U
HEXACHLOROBENZENE	340 UJ	390 UJ	390 U	360 U	390 U
HEXACHLOROBUTADIENE	340 UJ	390 UJ	390 U	360 U	390 U
HEXACHLOROCYCLOPENTADIENE	340 UJ	390 UJ	390 U	360 U	390 U
HEXACHLOROETHANE	340 UJ	390 UJ	390 U	360 U	390 U
ISOPHORONE	340 UJ	390 UJ	390 U	360 U	390 U
NITROBENZENE	340 UJ	390 UJ	390 U	360 U	390 U
N-NITROSO-DI-N-PROPYLAMINE	340 UJ	390 UJ	390 U	360 U	390 U
N-NITROSODIPHENYLAMINE	340 UJ	390 UJ	390 U	360 U	390 U
PENTACHLOROPHENOL			950 U	880 U	950 U
PHENOL	340 UJ	390 UJ	390 U	360 U	390 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-79: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	134-Z22-025	210-IW-004
Sample Code	134-0025	210I-004
Sampling Date	4/5/1995	2/14/1995
Sampling Depth (feet bgs)	2.5 - 3	4 - 4.5
Units	UG/KG	UG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2A
Analyte		
1,2,4-TRICHLOROBENZENE	340 U	400 U
1,2-DICHLOROBENZENE	340 U	400 U
1,3-DICHLOROBENZENE	340 U	400 U
1,4-DICHLOROBENZENE	340 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)	340 U	400 U
2,4,5-TRICHLOROPHENOL	820 U	980 U
2,4,6-TRICHLOROPHENOL	340 U	400 U
2,4-DICHLOROPHENOL	340 U	400 U
2,4-DIMETHYLPHENOL	340 U	400 U
2,4-DINITROPHENOL	820 U	980 U
2,4-DINITROTOLUENE	340 U	400 U
2,6-DINITROTOLUENE	340 U	400 U
2-CHLORONAPHTHALENE	340 U	400 U
2-CHLOROPHENOL	340 U	400 U
2-METHYLNAPHTHALENE	340 U	400 U
2-METHYLPHENOL	340 U	400 U
2-NITROANILINE	820 U	980 U
2-NITROPHENOL	340 U	400 U
3,3'-DICHLOROBENZIDINE	340 U	400 U
3-NITROANILINE	820 U	980 U
4,6-DINITRO-2-METHYLPHENOL	820 U	980 U
4-BROMOPHENYL-PHENYLETHER	340 U	400 U
4-CHLORO-3-METHYLPHENOL	340 U	400 U
4-CHLOROANILINE	340 U	400 U
4-CHLOROPHENYL-PHENYLETHER	340 U	400 U
4-METHYLPHENOL	340 U	400 U
4-NITROANILINE	820 U	980 U
4-NITROPHENOL	820 U	980 U
BIS(2-CHLOROETHOXY)METHANE	340 U	400 U
BIS(2-CHLOROETHYL)ETHER	340 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	340 U	29 J
BUTYLBENZYLPHTHALATE	340 U	400 U
CARBAZOLE	340 U	400 U
DIBENZOFURAN	340 U	400 U
DIETHYLPHTHALATE	21 J	400 U
DIMETHYLPHTHALATE	340 U	400 U
DI-N-BUTYLPHTHALATE	340 U	400 U
DI-N-OCTYLPHTHALATE	340 U	400 U
HEXACHLOROBENZENE	340 U	400 U
HEXACHLOROBUTADIENE	340 U	400 U
HEXACHLOROCYCLOPENTADIENE	340 U	400 U
HEXACHLOROETHANE	340 U	400 U
ISOPHORONE	340 U	400 U
NITROBENZENE	340 U	400 U
N-NITROSO-DI-N-PROPYLAMINE	340 U	400 U
N-NITROSODIPHENYLAMINE	340 U	400 U
PENTACHLOROPHENOL	820 U	980 U
PHENOL	340 U	400 U

Notes:
UG/KG Micrograms per kilogram

TABLE E-80: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	134-006-041	134-006-041	134-IW-005	134-IW-005	134-SS-003	134-SN-003	210-IW-004	210-IW-004
Sample Code	134-0071	134-0072	134I-005	134I-005M	134M-003M	134S-003M	210I-004	210I-004M
Sampling Date	10/13/1995	10/13/1995	1/5/1995	1/5/1995	2/9/1995	1/25/1995	2/14/1995	2/14/1995
Sampling Depth (feet bgs)	3 - 4	5.5 - 6.5	7 - 7.5	7 - 7.5	7.5 - 8	3 - 3.5	4 - 4.5	4 - 4.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	EBS PHASE 2B	EBS PHASE 2B	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	12 U	12 U	10 U	10 U	10 U	12 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U	12 U	12 U				12 U	
1,1,2-TRICHLOROETHANE	10 U	12 U	12 U				12 U	
1,1-DICHLOROETHANE	10 U	12 U	12 U				12 U	
1,1-DICHLOROETHENE	10 U	12 U	12 U	10 U	10 U	10 U	12 U	10 U
1,2-DICHLOROETHANE	10 U	12 U	12 U	10 U	10 U	10 U	12 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U	12 U	12 U				12 U	
1,2-DICHLOROPROPANE	10 U	12 U	12 U				12 U	
2-BUTANONE	10 U	12 U	12 U	10 U	10 U	10 U	12 U	10 U
2-HEXANONE	10 U	12 U	12 U				12 U	
4-METHYL-2-PENTANONE	10 U	12 U	12 U				12 U	
ACETONE	10 UJ	16 UJ	12 U				12 U	
BENZENE	10 U	12 U	12 U	10 U	10 U	10 U	12 U	10 U
BROMODICHLOROMETHANE	10 U	12 U	12 U				12 U	
BROMOFORM	10 U	12 U	12 U				12 U	
BROMOMETHANE	10 U	12 U	12 U				12 U	
CARBON DISULFIDE	10 U	12 U	12 U				12 U	
CARBON TETRACHLORIDE	10 U	12 U	12 U				12 U	
CHLOROBENZENE	10 U	12 U	12 U				12 U	
CHLOROETHANE	10 U	12 U	12 U				12 U	
CHLOROFORM	10 U	12 U	12 U				12 U	
CHLOROMETHANE	10 U	12 U	12 U				12 U	
CIS-1,2-DICHLOROETHENE				10 U	10 U	10 U		10 U
CIS-1,3-DICHLOROPROPENE	10 U	12 U	12 U				12 U	
DIBROMOCHLOROMETHANE	10 U	12 U	12 U				12 U	
ETHYLBENZENE	10 U	12 U	12 U	10 U	10 U	10 U	12 U	10 U
HEXANE				68	20 U	20 U		20 U
M,P-XYLENE				20 U	20 U	20 U		20 U
METHYLENE CHLORIDE	10 JU	12 UJ	12 U	10 U	10 U	10 U	12 U	10 U
O-XYLENE				10 U	10 U	10 U		10 U
STYRENE	10 U	12 U	12 U				12 U	
TETRACHLOROETHENE	10 U	12 U	12 U	10 U	10 U	10 U	12 U	10 U
TOLUENE	10 U	12 U	12 U	10 U	10 U	10 U	12 U	10 U
TRANS-1,2-DICHLOROETHENE				10 U	10 U	10 U		10 U
TRANS-1,3-DICHLOROPROPENE	10 U	12 U	12 U				12 U	
TRICHLOROETHENE	10 U	12 U	12 U	10 U	10 U	10 U	12 U	10 U
VINYL CHLORIDE	10 U	12 U	12 U	10 U	10 U	10 U	12 U	10 U
XYLENE (TOTAL)	10 U	12 U	12 U				12 U	

Notes:

UG/KG Micrograms per kilogram

TABLE E-81: SITE 19 TOTAL METALS IN SOIL

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

Location	134-IW-005	134-IW-005	134-SN-003	134-SS-003	134-Z22-025	210-IW-004	210-IW-004
Sample Code	134I-005	134I-005M	134S-003M	134M-003M	134-0025M	210I-004	210I-004M
Sampling Date	1/5/1995	1/5/1995	1/25/1995	2/9/1995	4/5/1995	2/14/1995	2/14/1995
Sampling Depth (feet bgs)	7 - 7.5	7 - 7.5	3 - 3.5	7.5 - 8	2.5 - 3	4 - 4.5	4 - 4.5
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							
ALUMINUM	4920 J					4120	
ANTIMONY	0.51 UNJ	25 U	25 U	25 U		0.53 JUN	25 U
ARSENIC	3.8					1.2 U	
BARIUM	18.8 B					25.2 B	
BERYLLIUM	1.4	25 U	25 U	25 U		0.19 U	25 U
CADMIUM	0.52 B	25 U	25 U	25 U		0.1 JU	25 U
CALCIUM	6090					2430	
CHROMIUM	26.2	25 U	25 U	25 U		27.2	25 U
COBALT	5.9 B					3.8 B	
COPPER	52.3	25 U	25 U	25 U		8.3 NJ	25 U
IRON	10700 J					7550 J	
LEAD	15.1 EJ	25 U	25 U	25 U	6.5	2.4	25 U
MAGNESIUM	3240					2100	
MANGANESE	172					91.5	
MERCURY	0.18 U	25 U	25 U	25 U		0.18 U	25 U
MOLYBDENUM	2.9 U					2.3 U	
NICKEL	28.8	32	58	26		24.6	25 U
POTASSIUM	814 B					567 BJ	
SELENIUM	0.63 U					1 BJ	
SILVER	1.1 U	25 U	25 U	25 U		0.48 U	25 U
SODIUM	223 B					118 U	
THALLIUM	3					3.3 J	
TITANIUM							
VANADIUM	23.9					19.4	
ZINC	52.9	25 U	25 U	25 U		22.9	25 U

Notes:

MG/KG Milligrams per kilogram

TABLE E-82: SITE 19 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

Location	134-006-041	134-006-041	134-IW-005	134-SN-003	134-SS-003	134-Z22-025	210-IW-004
Sample Code	134-0071	134-0072	134I-005	134S-003M	134M-003M	134-0025M	210I-004
Sampling Date	10/13/1995	10/13/1995	1/5/1995	1/25/1995	2/9/1995	4/5/1995	2/14/1995
Sampling Depth (feet bgs)	3 - 4	5.5 - 6.5	7 - 7.5	3 - 3.5	7.5 - 8	2.5 - 3	4 - 4.5
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	EBS PHASE 2B	EBS PHASE 2B	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte							
DIESEL RANGE ORGANICS	24 U	28 U	12 U	50 U	50 U	2.2 U	12 U
GASOLINE RANGE ORGANICS	0.52 UJ	1.4 YJ	0.6 U	50 U	50 U	0.54 U	0.61 U
MOTOR OIL RANGE ORGANICS	24 U	28 U	24 U			84	24 U

Notes:

MG/KG Miligrams per kilogram

TABLE E-83: SITE 19 GENERAL CHEMISTRY IN SOIL

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

Location	134-Z22-025	134-006-041	134-006-041	134-IW-005	134-SS-003	134-SN-003	210-IW-004
Sample Code	134-0025	134-0071	134-0072	134I-005	134M-003	134S-003	210I-004
Sampling Date	4/5/1995	10/13/1995	10/13/1995	1/5/1995	2/9/1995	1/25/1995	2/14/1995
Sampling Depth (feet bgs)	2.5 - 3	3 - 4	5.5 - 6.5	7 - 7.5	7.5 - 8	3 - 3.5	4 - 4.5
Units	%MST	%MST	%MST	MG/KG	%MST	%MST	MG/KG
Investigation	EBS PHASE 2A	EBS PHASE 2B	EBS PHASE 2B	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A	EBS PHASE 2A
Analyte							
CYANIDE				0.33 U			0.3 UJ
PERCENT MOISTURE, %MST	2	3.23	15.18	16	16	9	18
PH, UNITS	8.6	8.96	8.54	8.9	8.7	8.9	8.5
SULFIDE				29.8 UJ			30.3 JU

Notes:

%MST Percent moisture

MG/KG Milligrams per kilogram

TABLE E-84: SITE 19 PCBs IN GROUNDWATER

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

Location	134-006-041
Sample Code	134-0070
Sampling Date	10/13/1995
Sampling Depth (feet bgs)	8 - 9
Units	UG/L
Investigation	EBS PHASE 2B
Analyte	
4,4'-DDD	
4,4'-DDE	
4,4'-DDT	
ALDRIN	
ALPHA-BHC	
ALPHA-CHLORDANE	
AROCLOR-1016	1 U
AROCLOR-1221	2 U
AROCLOR-1232	1 U
AROCLOR-1242	1 U
AROCLOR-1248	1 U
AROCLOR-1254	1 U
AROCLOR-1260	1 U
BETA-BHC	
CHLORDANE	
DELTA-BHC	
DIELDRIN	
ENDOSULFAN I	
ENDOSULFAN II	
ENDOSULFAN SULFATE	
ENDRIN	
ENDRIN ALDEHYDE	
ENDRIN KETONE	
GAMMA-BHC (LINDANE)	
GAMMA-CHLORDANE	
HEPTACHLOR	
HEPTACHLOR EPOXIDE	
METHOXYCHLOR	
TOXAPHENE	

Notes:

PCB Polychlorinated biphenyl

UG/L Micrograms per liter

TABLE E-85: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

(Page 1 of 2)

Location	134-006-041
Sample Code	134-0070
Sampling Date	10/13/1995
Sampling Depth (feet bgs)	8 - 9
Units	UG/L
Investigation	EBS PHASE 2B
Analyte	
1,2,4-TRICHLOROBENZENE	10 U
1,2-DICHLOROBENZENE	10 U
1,3-DICHLOROBENZENE	10 U
1,4-DICHLOROBENZENE	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U
2,4,5-TRICHLOROPHENOL	25 U
2,4,6-TRICHLOROPHENOL	10 U
2,4-DICHLOROPHENOL	10 U
2,4-DIMETHYLPHENOL	10 U
2,4-DINITROPHENOL	25 U
2,4-DINITROTOLUENE	10 U
2,6-DINITROTOLUENE	10 U
2-CHLORONAPHTHALENE	10 U
2-CHLOROPHENOL	10 U
2-METHYLNAPHTHALENE	10 U
2-METHYLPHENOL	10 U
2-NITROANILINE	25 U
2-NITROPHENOL	10 U
3,3'-DICHLOROBENZIDINE	10 U
3-NITROANILINE	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U
4-BROMOPHENYL-PHENYLETHER	10 U
4-CHLORO-3-METHYLPHENOL	10 U
4-CHLOROANILINE	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U
4-METHYLPHENOL	10 U
4-NITROANILINE	25 U
4-NITROPHENOL	25 U
ACENAPHTHENE	10 U
ACENAPHTHYLENE	10 U
ANTHRACENE	10 U
BENZO(A)ANTHRACENE	10 U
BENZO(A)PYRENE	10 U
BENZO(B)FLUORANTHENE	10 U
BENZO(G,H,I)PERYLENE	10 U
BENZO(K)FLUORANTHENE	10 U
BENZOIC ACID	
BENZYL ALCOHOL	
BIS(2-CHLOROETHOXY)METHANE	10 U
BIS(2-CHLOROETHYL)ETHER	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U
BUTYLBENZYLPHTHALATE	10 U
CARBAZOLE	10 U
CHRYSENE	10 U
DIBENZO(A,H)ANTHRACENE	10 U
DIBENZOFURAN	10 U
DIETHYLPHTHALATE	10 U
DIMETHYLPHTHALATE	10 U
DI-N-BUTYLPHTHALATE	10 U
DI-N-OCTYLPHTHALATE	10 U
FLUORANTHENE	10 U

TABLE E-85: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	134-006-041
Sample Code	134-0070
Sampling Date	10/13/1995
Sampling Depth (feet bgs)	8 - 9
Units	UG/L
Investigation	EBS PHASE 2B
Analyte	
FLUORENE	10 U
HEXACHLOROBENZENE	10 U
HEXACHLOROBUTADIENE	10 U
HEXACHLOROCYCLOPENTADIENE	10 U
HEXACHLOROETHANE	10 U
INDENO(1,2,3-CD)PYRENE	10 U
ISOPHORONE	10 U
NAPHTHALENE	10 U
NITROBENZENE	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U
N-NITROSODIPHENYLAMINE	10 U
PENTACHLOROPHENOL	25 U
PHENANTHRENE	1 J
PHENOL	10 U
PYRENE	1 J

Notes:

UG/L Micrograms per liter

TABLE E-86: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	134-006-041
Sample Code	134-0070
Sampling Date	10/13/1995
Sampling Depth (feet bgs)	8 - 9
Units	UG/L
Investigation	EBS PHASE 2B
Analyte	
1,1,1,2-TETRACHLOROETHANE	
1,1,1-TRICHLOROETHANE	1 U
1,1,2,2-TETRACHLOROETHANE	1 U
1,1,2-TRICHLOROETHANE	1 U
1,1-DICHLOROETHANE	1 U
1,1-DICHLOROETHENE	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
1,2-DICHLOROETHENE (TOTAL)	7
1,2-DICHLOROPROPANE	1 U
1,3,5-TRIMETHYLBENZENE	
1,3-DICHLOROBENZENE	
1,3-DICHLOROPROPANE	
1,4-DICHLOROBENZENE	
2,2-DICHLOROPROPANE	
2-BUTANONE	
2-CHLOROTOLUENE	
2-HEXANONE	2 U
4-CHLOROTOLUENE	
4-METHYL-2-PENTANONE	2 U
ACETONE	2 U
BENZENE	0.5 U
BROMOBENZENE	
BROMOCHLOROMETHANE	
BROMODICHLOROMETHANE	1 U
BROMOFORM	1 U
BROMOMETHANE	1 U
CARBON DISULFIDE	1 UJ
CARBON TETRACHLORIDE	0.5 U
CHLOROBENZENE	1 U
CHLOROETHANE	2 U
CHLOROFORM	1 U
CHLOROMETHANE	2 U
CIS-1,2-DICHLOROETHENE	
CIS-1,3-DICHLOROPROPENE	0.5 U
DIBROMOCHLOROMETHANE	1 U
DIBROMOMETHANE	
DICHLORODIFLUOROMETHANE	
DICHLOROETHENE	
DIISOPROPYL ETHER	
ETHYL TERT-BUTYL ETHER	
ETHYLBENZENE	1 U
ETHYLENE DIBROMIDE	
HEXACHLOROBUTADIENE	
ISOPROPYLBENZENE	

TABLE E-86: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	134-006-041
Sample Code	134-0070
Sampling Date	10/13/1995
Sampling Depth (feet bgs)	8 - 9
Units	UG/L
Investigation	EBS PHASE 2B
Analyte	
M,P-XYLENE	
METHYLENE CHLORIDE	1 U
METHYL-T-BUTYL ETHER	
NAPHTHALENE	
N-BUTYLBENZENE	
N-PROPYLBENZENE	
O-XYLENE	
P-ISOPROPYLTOLUENE	
SEC-BUTYLBENZENE	
STYRENE	1 U
TERT-AMYL METHYL ETHER	
TERT-BUTANOL	
TERT-BUTYLBENZENE	
TETRACHLOROETHENE	1 U
TOLUENE	1 U
TRANS-1,2-DICHLOROETHENE	
TRANS-1,3-DICHLOROPROPENE	0.5 U
TRICHLOROETHENE	1
TRICHLOROFLUOROMETHANE	
VINYL ACETATE	
VINYL CHLORIDE	0.5 U
XYLENE (TOTAL)	1 U

Notes:
UG/L Micrograms per liter

TABLE E-87: SITE 19 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

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

Location	134-006-041
Sample Code	134-0070
Sampling Date	10/13/1995
Sampling Depth (feet bgs)	8 - 9
Units	UG/L
Investigation	EBS PHASE 2B
Analyte	
DIESEL RANGE ORGANICS	100 U
GASOLINE RANGE ORGANICS	50 U
JET FUEL	
JP5 RANGE ORGANICS	
MOTOR OIL RANGE ORGANICS	200 U

Notes:

UG/L Micrograms per liter

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-5	BD13-5	BD13-5	BD13-5	BD13-6
Sample Code	BD13-5 [0.5-1.0]	BD13-5 [2.5-3.0]	BD13-5 [5.5-6.0]	BD13-5 [10.0-10.5]	BD13-6 [0.5-1.0]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	.5 - 1	2.5 - 3	5.5 - 6	10 - 10.5	.5 - 1
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	2.2 U	2.4 U	2.5 U	2.1 U
4,4'-DDE	10 U	2.2 U	2.4 U	2.5 U	2.1 U
4,4'-DDT	10 U	2.2 U	2.4 U	2.5 U	2.1 U
ALDRIN	5.2 U	1.1 U	1.2 U	1.2 U	1 U
ALPHA-BHC	5.2 U	1.1 U	1.2 U	1.2 U	1 U
ALPHA-CHLORDANE					
AROCLOR-1016	130 U	28 U	31 U	31 U	26 U
AROCLOR-1221	130 U	28 U	31 U	31 U	26 U
AROCLOR-1232	130 U	28 U	31 U	31 U	26 U
AROCLOR-1242	130 U	28 U	31 U	31 U	26 U
AROCLOR-1248	130 U	28 U	31 U	31 U	26 U
AROCLOR-1254	260 U	56 U	61 U	62 U	52 U
AROCLOR-1260	260 U	56 U	61 U	62 U	52 U
AZINPHOS-METHYL					
BETA-BHC	5.2 U	1.1 U	1.2 U	1.2 U	1 U
CHLORDANE	52 U	11 U	12 U	12 U	10 U
DALAPON; 2,2-DICHLOROPROPANOIC					
DELTA-BHC	5.2 U	1.1 U	1.2 U	1.2 U	1 U
DEMETON					
DIAZINON					
DICAMBA					
DICHLORPROP					
DIELDRIN	10 U	2.2 U	2.4 U	2.5 U	2.1 U
DINOSEB					
DISULFOTON					
ENDOSULFAN I	10 U	2.2 U	2.4 U	2.5 U	2.1 U
ENDOSULFAN II	10 U	2.2 U	2.4 U	2.5 U	2.1 U
ENDOSULFAN SULFATE	10 U	2.2 U	2.4 U	2.5 U	2.1 U
ENDRIN	10 U	2.2 U	2.4 U	2.5 U	2.1 U
ENDRIN ALDEHYDE	10 U	2.2 U	2.4 U	2.5 U	2.1 U
ENDRIN KETONE					
ETHION					
ETHYL PARATHION					
GAMMA-BHC (LINDANE)	5.2 U	1.1 U	1.2 U	1.2 U	1 U
GAMMA-CHLORDANE					
HEPTACHLOR	5.2 U	1.1 U	1.2 U	1.2 U	1 U
HEPTACHLOR EPOXIDE	5.2 U	1.1 U	1.2 U	1.2 U	1 U
MALATHION					
MCPA					
MCPP					
METHOXYCHLOR	26 U	5.6 U	6.1 U	6.2 U	5.2 U
METHYL PARATHION					
TOXAPHENE	260 U	56 U	61 U	62 U	52 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-6	BD13-6	BD13-6	BD13-6	BD13-7
Sample Code	BD13-6 [2.5-3.0]	BD13-6 [5.5-6.0]	BD13-6 [8.5-9.0]	BD13-6 [9.5-10.0]	BD13-7 [0.5-1.0]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	2.5 - 3	5.5 - 6	8.5 - 9	9.5 - 10	.5 - 1
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	2.2 U	2.4 U	2.4 U	2.4 U	2.1 U
4,4'-DDE	2.2 U	2.4 U	2.4 U	2.4 U	2.1 U
4,4'-DDT	2.2 U	2.4 U	2.4 U	2.4 U	2.1 U
ALDRIN	1.1 U	1.2 U	1.2 U	1.2 U	1 U
ALPHA-BHC	1.1 U	1.2 U	1.2 U	1.2 U	1 U
ALPHA-CHLORDANE					
AROCLOR-1016	28 U	31 U	30 U	30 U	26 U
AROCLOR-1221	28 U	31 U	30 U	30 U	26 U
AROCLOR-1232	28 U	31 U	30 U	30 U	26 U
AROCLOR-1242	28 U	31 U	30 U	30 U	26 U
AROCLOR-1248	28 U	31 U	30 U	30 U	26 U
AROCLOR-1254	56 U	61 U	60 U	60 U	53 U
AROCLOR-1260	56 U	61 U	60 U	60 U	53 U
AZINPHOS-METHYL					
BETA-BHC	1.1 U	1.2 U	1.2 U	1.2 U	1 U
CHLORDANE	11 U	12 U	12 U	12 U	10 U
DALAPON; 2,2-DICHLOROPROPANOIC					
DELTA-BHC	1.1 U	1.2 U	1.2 U	1.2 U	1 U
DEMETON					
DIAZINON					
DICAMBA					
DICHLORPROP					
DIELDRIN	2.2 U	2.4 U	2.4 U	2.4 U	2.1 U
DINOSEB					
DISULFOTON					
ENDOSULFAN I	2.2 U	2.4 U	2.4 U	2.4 U	2.1 U
ENDOSULFAN II	2.2 U	2.4 U	2.4 U	2.4 U	2.1 U
ENDOSULFAN SULFATE	2.2 U	2.4 U	2.4 U	2.4 U	2.1 U
ENDRIN	2.2 U	2.4 U	2.4 U	2.4 U	2.1 U
ENDRIN ALDEHYDE	2.2 U	2.4 U	2.4 U	2.4 U	2.1 U
ENDRIN KETONE					
ETHION					
ETHYL PARATHION					
GAMMA-BHC (LINDANE)	1.1 U	1.2 U	1.2 U	1.2 U	1 U
GAMMA-CHLORDANE					
HEPTACHLOR	1.1 U	1.2 U	1.2 U	1.2 U	1 U
HEPTACHLOR EPOXIDE	1.1 U	1.2 U	1.2 U	1.2 U	1 U
MALATHION					
MCPA					
MCPP					
METHOXYCHLOR	5.6 U	6.1 U	6 U	6 U	5.3 U
METHYL PARATHION					
TOXAPHENE	56 U	61 U	60 U	60 U	53 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-7	BD13-7	BD13-7	BD13-8	BD13-8
Sample Code	BD13-7 [2.0-2.5]	BD13-7 [5.0-5.5]	BD13-7 [8.5-9.0]	BD13-8 [0.5-1.0]	BD13-8 [3.0-3.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	2 - 2.5	5 - 5.5	8.5 - 9	.5 - 1	3 - 3.5
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	2.6 U	2.4 U	2.4 U	42 U	2.2 U
4,4'-DDE	2.6 U	2.4 U	2.4 U	42 U	2.2 U
4,4'-DDT	2.6 U	2.4 U	2.4 U	42 U	2.2 U
ALDRIN	1.3 U	1.2 U	1.2 U	21 U	1.1 U
ALPHA-BHC	1.3 U	1.2 U	1.2 U	21 U	1.1 U
ALPHA-CHLORDANE					
AROCLOR-1016	32 U	30 U	30 U	520 U	27 U
AROCLOR-1221	32 U	30 U	30 U	520 U	27 U
AROCLOR-1232	32 U	30 U	30 U	520 U	27 U
AROCLOR-1242	32 U	30 U	30 U	520 U	27 U
AROCLOR-1248	32 U	30 U	30 U	520 U	27 U
AROCLOR-1254	64 U	59 U	60 U	1000 U	54 U
AROCLOR-1260	64 U	59 U	60 U	1000 U	54 U
AZINPHOS-METHYL					
BETA-BHC	1.3 U	1.2 U	1.2 U	21 U	1.1 U
CHLORDANE	13 U	12 U	12 U	210 U	11 U
DALAPON; 2,2-DICHLOROPROPANOIC					
DELTA-BHC	1.3 U	1.2 U	1.2 U	21 U	1.1 U
DEMETON					
DIAZINON					
DICAMBA					
DICHLORPROP					
DIELDRIN	2.6 U	2.4 U	2.4 U	42 U	2.2 U
DINOSEB					
DISULFOTON					
ENDOSULFAN I	2.6 U	2.4 U	2.4 U	42 U	2.2 U
ENDOSULFAN II	2.6 U	2.4 U	2.4 U	42 U	2.2 U
ENDOSULFAN SULFATE	2.6 U	2.4 U	2.4 U	42 U	2.2 U
ENDRIN	2.6 U	2.4 U	2.4 U	42 U	2.2 U
ENDRIN ALDEHYDE	2.6 U	2.4 U	2.4 U	42 U	2.2 U
ENDRIN KETONE					
ETHION					
ETHYL PARATHION					
GAMMA-BHC (LINDANE)	1.3 U	1.2 U	1.2 U	21 U	1.1 U
GAMMA-CHLORDANE					
HEPTACHLOR	1.3 U	1.2 U	1.2 U	21 U	1.1 U
HEPTACHLOR EPOXIDE	1.3 U	1.2 U	1.2 U	21 U	1.1 U
MALATHION					
MCPA					
MCPP					
METHOXYCHLOR	6.4 U	5.9 U	6 U	100 U	5.4 U
METHYL PARATHION					
TOXAPHENE	64 U	59 U	60 U	1000 U	54 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-8	BD13-8	BD13-9	BD13-9	BD13-9
Sample Code	BD13-8 [11.0-11.5]	BD13-8 [13.0-13.5]	BD13-9 [0.5-1.0]	BD13-9 [3.5-4.0]	BD13-9 [8.0-8.5]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	11 - 11.5	13 - 13.5	.5 - 1	3.5 - 4	8 - 8.5
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	2.4 U	2.4 U	10 U	2.3 U	2.5 U
4,4'-DDE	2.4 U	2.4 U	10 U	2.3 U	2.5 U
4,4'-DDT	2.4 U	2.4 U	10 U	2.3 U	2.5 U
ALDRIN	1.2 U	1.2 U	5.3 U	1.2 U	1.2 U
ALPHA-BHC	1.2 U	1.2 U	5.3 U	1.2 U	1.2 U
ALPHA-CHLORDANE					
AROCLOR-1016	30 U	30 U	130 U	29 U	31 U
AROCLOR-1221	30 U	30 U	130 U	29 U	31 U
AROCLOR-1232	30 U	30 U	130 U	29 U	31 U
AROCLOR-1242	30 U	30 U	130 U	29 U	31 U
AROCLOR-1248	30 U	30 U	130 U	29 U	31 U
AROCLOR-1254	59 U	60 U	260 U	58 U	62 U
AROCLOR-1260	59 U	60 U	260 U	58 U	62 U
AZINPHOS-METHYL					
BETA-BHC	1.2 U	1.2 U	5.3 U	1.2 U	1.2 U
CHLORDANE	12 U	12 U	53 U	12 U	12 U
DALAPON; 2,2-DICHLOROPROPANOIC					
DELTA-BHC	1.2 U	1.2 U	5.3 U	1.2 U	1.2 U
DEMETON					
DIAZINON					
DICAMBA					
DICHLORPROP					
DIELDRIN	2.4 U	2.4 U	10 U	2.3 U	2.5 U
DINOSEB					
DISULFOTON					
ENDOSULFAN I	2.4 U	2.4 U	10 U	2.3 U	2.5 U
ENDOSULFAN II	2.4 U	2.4 U	10 U	2.3 U	2.5 U
ENDOSULFAN SULFATE	2.4 U	2.4 U	10 U	2.3 U	2.5 U
ENDRIN	2.4 U	2.4 U	10 U	2.3 U	2.5 U
ENDRIN ALDEHYDE	2.4 U	2.4 U	10 U	2.3 U	2.5 U
ENDRIN KETONE					
ETHION					
ETHYL PARATHION					
GAMMA-BHC (LINDANE)	1.2 U	1.2 U	5.3 U	1.2 U	1.2 U
GAMMA-CHLORDANE					
HEPTACHLOR	1.2 U	1.2 U	5.3 U	1.2 U	1.2 U
HEPTACHLOR EPOXIDE	1.2 U	1.2 U	5.3 U	1.2 U	1.2 U
MALATHION					
MCPA					
MCPP					
METHOXYCHLOR	5.9 U	6 U	26 U	5.8 U	6.2 U
METHYL PARATHION					
TOXAPHENE	59 U	60 U	260 U	58 U	62 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-9	BD13-10	BD13-10	BD13-10
Sample Code	BD13-9 [14.5-15.0]	BD13-10 [0.5-1.0]	BD13-10 [3.0-3.5]	BD13-10 [8.0-8.5]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	14.5 - 15	.5 - 1	3 - 3.5	8 - 8.5
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	42 U	2.3 U	2.4 U
4,4'-DDE	2.4 U	42 U	2.3 U	2.4 U
4,4'-DDT	2.4 U	42 U	2.3 U	2.4 U
ALDRIN	1.2 U	21 U	1.1 U	1.2 U
ALPHA-BHC	1.2 U	21 U	1.1 U	1.2 U
ALPHA-CHLORDANE				
AROCLOR-1016	30 U	520 U	28 U	30 U
AROCLOR-1221	30 U	520 U	28 U	30 U
AROCLOR-1232	30 U	520 U	28 U	30 U
AROCLOR-1242	30 U	520 U	28 U	30 U
AROCLOR-1248	30 U	520 U	28 U	30 U
AROCLOR-1254	61 U	1000 U	57 U	60 U
AROCLOR-1260	61 U	1000 U	57 U	60 U
AZINPHOS-METHYL				
BETA-BHC	1.2 U	21 U	1.1 U	1.2 U
CHLORDANE	12 U	210 U	11 U	12 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.2 U	21 U	1.1 U	1.2 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.4 U	42 U	2.3 U	2.4 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.4 U	42 U	2.3 U	2.4 U
ENDOSULFAN II	2.4 U	42 U	2.3 U	2.4 U
ENDOSULFAN SULFATE	2.4 U	42 U	2.3 U	2.4 U
ENDRIN	2.4 U	42 U	2.3 U	2.4 U
ENDRIN ALDEHYDE	2.4 U	42 U	2.3 U	2.4 U
ENDRIN KETONE				
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.2 U	21 U	1.1 U	1.2 U
GAMMA-CHLORDANE				
HEPTACHLOR	1.2 U	21 U	1.1 U	1.2 U
HEPTACHLOR EPOXIDE	1.2 U	21 U	1.1 U	1.2 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	6.1 U	100 U	5.7 U	6 U
METHYL PARATHION				
TOXAPHENE	61 U	1000 U	57 U	60 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-10	BD13-11	BD13-11	BD13-11
Sample Code	BD13-10 [14.0-14.5]	BD13-11 [1.0-1.5]	BD13-11 [4.0-4.5]	BD13-11 [11.5-12.0]
Sampling Date	7/5/1990	7/10/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	14 - 14.5	1 - 1.5	4 - 4.5	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	2.4 U	7.8 U	8.4 U	8.6 U
4,4'-DDE	2.4 U	2.8 U	3.1 U	3.1 U
4,4'-DDT	2.4 U	8.4 U	9.1 U	9.3 U
ALDRIN	1.2 U	2.8 U	3.1 U	3.1 U
ALPHA-BHC	1.2 U	2.1 U	2.3 U	2.3 U
ALPHA-CHLORDANE		3.5 U	3.8 U	3.8 U
AROCLOR-1016	30 U	34 U	36 U	37 U
AROCLOR-1221	30 U	84 U	91 U	93 U
AROCLOR-1232	30 U	84 U	91 U	93 U
AROCLOR-1242	30 U	34 U	36 U	37 U
AROCLOR-1248	30 U	17 U	18 U	19 U
AROCLOR-1254	61 U	17 U	18 U	19 U
AROCLOR-1260	61 U	17 U	18 U	19 U
AZINPHOS-METHYL				
BETA-BHC	1.2 U	4.2 U	4.5 U	4.7 U
CHLORDANE	12 U			
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.2 U	4.2 U	4.5 U	4.7 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.4 U	1.4 U	1.5 U	1.5 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.4 U	4.2 U	4.5 U	4.7 U
ENDOSULFAN II	2.4 U	2.8 U	3.1 U	3.1 U
ENDOSULFAN SULFATE	2.4 U	8.4 U	9.1 U	9.3 U
ENDRIN	2.4 U	4.2 U	4.5 U	4.7 U
ENDRIN ALDEHYDE	2.4 U			
ENDRIN KETONE		8.4 U	9.1 U	9.3 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.2 U	2.8 U	3.1 U	3.1 U
GAMMA-CHLORDANE		3.5 U	3.8 U	3.8 U
HEPTACHLOR	1.2 U	2.1 U	2.3 U	2.3 U
HEPTACHLOR EPOXIDE	1.2 U	4.2 U	4.5 U	4.7 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	6.1 U	17 U	18 U	19 U
METHYL PARATHION				
TOXAPHENE	61 U	71 U	76 U	78 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-11	BD13-11	BD13-12	BD13-12
Sample Code	BD13-11 [13.0-13.5]	BD13-11 [15.0-15.5]	BD13-12 [1.5-2.0]	BD13-12 [4.5-5.0]
Sampling Date	7/10/1990	7/9/1990	7/9/1990	7/9/1990
Sampling Depth (feet bgs)	13 - 13.5	15 - 15.5	1.5 - 2	4.5 - 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	8.6 U	2.1 U	2.5 U
4,4'-DDE	3.3 U	3.2 U	2.1 U	2.5 U
4,4'-DDT	9.7 U	9.3 U	2.1 U	2.5 U
ALDRIN	3.3 U	3.2 U	1 U	1.2 U
ALPHA-BHC	2.4 U	2.3 U	1 U	1.2 U
ALPHA-CHLORDANE	4 U	3.9 U		
AROCLOR-1016	39 U	37 U	26 U	31 U
AROCLOR-1221	97 U	93 U	26 U	31 U
AROCLOR-1232	97 U	93 U	26 U	31 U
AROCLOR-1242	39 U	37 U	26 U	31 U
AROCLOR-1248	19 U	19 U	26 U	31 U
AROCLOR-1254	19 U	19 U	52 U	62 U
AROCLOR-1260	19 U	19 U	52 U	62 U
AZINPHOS-METHYL				
BETA-BHC	4.8 U	4.7 U	1 U	1.2 U
CHLORDANE			10 U	12 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.8 U	4.7 U	1 U	1.2 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.6 U	1.5 U	2.1 U	2.5 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.8 U	4.7 U	2.1 U	2.5 U
ENDOSULFAN II	3.3 U	3.2 U	2.1 U	2.5 U
ENDOSULFAN SULFATE	9.7 U	9.3 U	2.1 U	2.5 U
ENDRIN	4.8 U	4.7 U	2.1 U	2.5 U
ENDRIN ALDEHYDE			2.1 U	2.5 U
ENDRIN KETONE	9.7 U	9.3 U		
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	3.3 U	3.2 U	1 U	1.2 U
GAMMA-CHLORDANE	4 U	3.9 U		
HEPTACHLOR	2.4 U	2.3 U	1 U	1.2 U
HEPTACHLOR EPOXIDE	4.8 U	4.7 U	1 U	1.2 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	19 U	19 U	5.2 U	6.2 U
METHYL PARATHION				
TOXAPHENE	81 U	78 U	52 U	62 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-12	BD13-12	BD13-13	BD13-13
Sample Code	BD13-12 [9.5-10.0]	BD13-12 [14.5-15.0]	BD13-13 [2.0-2.5]	BD13-13 [8.0-8.5]
Sampling Date	7/9/1990	7/9/1990	7/11/1990	7/11/1990
Sampling Depth (feet bgs)	9.5 - 10	14.5 - 15	2 - 2.5	8 - 8.5
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	8.6 U	8.8 U
4,4'-DDE	2.4 U	2.4 U	3.1 U	3.2 U
4,4'-DDT	2.4 U	2.4 U	9.3 U	9.5 U
ALDRIN	1.2 U	1.2 U	3.1 U	3.2 U
ALPHA-BHC	1.2 U	1.2 U	2.3 U	2.4 U
ALPHA-CHLORDANE			3.8 U	3.9 U
AROCLOR-1016	30 U	30 U	37 U	38 U
AROCLOR-1221	30 U	30 U	93 U	95 U
AROCLOR-1232	30 U	30 U	93 U	95 U
AROCLOR-1242	30 U	30 U	37 U	38 U
AROCLOR-1248	30 U	30 U	19 U	19 U
AROCLOR-1254	59 U	61 U	19 U	19 U
AROCLOR-1260	59 U	61 U	19 U	19 U
AZINPHOS-METHYL				
BETA-BHC	1.2 U	1.2 U	4.7 U	4.8 U
CHLORDANE	12 U	12 U		
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.2 U	1.2 U	4.7 U	4.8 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.4 U	2.4 U	1.5 U	1.5 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.4 U	2.4 U	4.7 U	4.8 U
ENDOSULFAN II	2.4 U	2.4 U	3.1 U	3.2 U
ENDOSULFAN SULFATE	2.4 U	2.4 U	9.3 U	9.5 U
ENDRIN	2.4 U	2.4 U	4.7 U	4.8 U
ENDRIN ALDEHYDE	2.4 U	2.4 U		
ENDRIN KETONE			9.3 U	9.5 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.2 U	1.2 U	3.1 U	3.2 U
GAMMA-CHLORDANE			3.8 U	3.9 U
HEPTACHLOR	1.2 U	1.2 U	2.3 U	2.4 U
HEPTACHLOR EPOXIDE	1.2 U	1.2 U	4.7 U	4.8 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	5.9 U	6.1 U	19 U	19 U
METHYL PARATHION				
TOXAPHENE	59 U	61 U	78 U	80 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-13	BD13-13	BD13-14	BD13-14
Sample Code	BD13-13 [11.0-11.5]	BD13-13 [14.0-14.5]	BD13-14 [2.0-2.5]	BD13-14 [4.0-4.5]
Sampling Date	7/11/1990	7/11/1990	7/9/1990	7/9/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	2 - 2.5	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	8.7 U	8.8 U	2.1 U	2.1 U
4,4'-DDE	3.2 U	3.2 U	2.1 U	2.1 U
4,4'-DDT	9.4 U	9.5 U	2.1 U	2.1 U
ALDRIN	3.2 U	3.2 U	1 U	1.1 U
ALPHA-BHC	2.4 U	2.4 U	1 U	1.1 U
ALPHA-CHLORDANE	3.9 U	3.9 U		
AROCLOR-1016	38 U	38 U	26 U	26 U
AROCLOR-1221	94 U	95 U	26 U	26 U
AROCLOR-1232	94 U	95 U	26 U	26 U
AROCLOR-1242	38 U	38 U	26 U	26 U
AROCLOR-1248	19 U	19 U	26 U	26 U
AROCLOR-1254	19 U	19 U	52 U	53 U
AROCLOR-1260	19 U	19 U	52 U	53 U
AZINPHOS-METHYL				
BETA-BHC	4.7 U	4.8 U	1 U	1.1 U
CHLORDANE			10 U	11 U
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.7 U	4.8 U	1 U	1.1 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.5 U	1.5 U	2.1 U	2.1 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.7 U	4.8 U	2.1 U	2.1 U
ENDOSULFAN II	3.2 U	3.2 U	2.1 U	2.1 U
ENDOSULFAN SULFATE	9.4 U	9.5 U	2.1 U	2.1 U
ENDRIN	4.7 U	4.8 U	2.1 U	2.1 U
ENDRIN ALDEHYDE			2.1 U	2.1 U
ENDRIN KETONE	9.4 U	9.5 U		
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	3.2 U	3.2 U	1 U	1.1 U
GAMMA-CHLORDANE	3.9 U	3.9 U		
HEPTACHLOR	2.4 U	2.4 U	1 U	1.1 U
HEPTACHLOR EPOXIDE	4.7 U	4.8 U	1 U	1.1 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	19 U	19 U	5.2 U	5.3 U
METHYL PARATHION				
TOXAPHENE	79 U	80 U	52 U	53 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
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Location	BD13-14	BD13-14	BD13-15	BD13-15
Sample Code	BD13-14 [14.0-14.5]	BD13-14 [15.0-15.5]	BD13-15 [2.0-2.5]	BD13-15 [8.5-9.0]
Sampling Date	7/9/1990	7/9/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	14 - 14.5	15 - 15.5	2 - 2.5	8.5 - 9
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	152 U	8.9 U
4,4'-DDE	2.4 U	2.4 U	56 U	3.2 U
4,4'-DDT	2.4 U	2.4 U	165 U	9.6 U
ALDRIN	1.2 U	1.2 U	56 U	3.2 U
ALPHA-BHC	1.2 U	1.2 U	41 U	2.4 U
ALPHA-CHLORDANE			68 U	4 U
AROCLOR-1016	30 U	30 U	658 U	38 U
AROCLOR-1221	30 U	30 U	1646 U	96 U
AROCLOR-1232	30 U	30 U	1646 U	96 U
AROCLOR-1242	30 U	30 U	658 U	38 U
AROCLOR-1248	30 U	30 U	329 U	19 U
AROCLOR-1254	60 U	60 U	329 U	19 U
AROCLOR-1260	60 U	60 U	329 U	19 U
AZINPHOS-METHYL				
BETA-BHC	1.2 U	1.2 U	82 U	4.8 U
CHLORDANE	12 U	12 U		
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	1.2 U	1.2 U	82 U	4.8 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	2.4 U	2.4 U	27 U	1.6 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	2.4 U	2.4 U	82 U	4.8 U
ENDOSULFAN II	2.4 U	2.4 U	56 U	3.2 U
ENDOSULFAN SULFATE	2.4 U	2.4 U	165 U	9.6 U
ENDRIN	2.4 U	2.4 U	82 U	4.8 U
ENDRIN ALDEHYDE	2.4 U	2.4 U		
ENDRIN KETONE			165 U	9.6 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	1.2 U	1.2 U	56 U	3.2 U
GAMMA-CHLORDANE			68 U	4 U
HEPTACHLOR	1.2 U	1.2 U	41 U	2.4 U
HEPTACHLOR EPOXIDE	1.2 U	1.2 U	82 U	4.8 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	6 U	6 U	329 U	19 U
METHYL PARATHION				
TOXAPHENE	60 U	60 U	1379 U	80 U

Notes:
UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-15	BD13-15	BD13-15	BD13-16
Sample Code	BD13-15 [12.5-13.0]	BD13-15 [13.5-14.0]	BD13-15 [14.5-15.0]	BD13-16 [1.5-2.0]
Sampling Date	7/10/1990	7/10/1990	7/9/1990	7/10/1990
Sampling Depth (feet bgs)	12.5 - 13	13.5 - 14	14.5 - 15	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	8.6 U	8.6 U	8.8 U	7.7 U
4,4'-DDE	3.1 U	3.1 U	3.2 U	2.8 U
4,4'-DDT	9.3 U	9.3 U	9.5 U	8.4 U
ALDRIN	3.1 U	3.1 U	3.2 U	2.8 U
ALPHA-BHC	2.3 U	2.3 U	2.4 U	2.1 U
ALPHA-CHLORDANE	3.8 U	3.8 U	3.9 U	3.4 U
AROCLOR-1016	37 U	37 U	38 U	33 U
AROCLOR-1221	93 U	93 U	95 U	84 U
AROCLOR-1232	93 U	93 U	95 U	84 U
AROCLOR-1242	37 U	37 U	38 U	33 U
AROCLOR-1248	19 U	19 U	19 U	17 U
AROCLOR-1254	19 U	19 U	19 U	17 U
AROCLOR-1260	19 U	19 U	19 U	17 U
AZINPHOS-METHYL				
BETA-BHC	4.6 U	4.7 U	4.8 U	4.2 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.6 U	3.1 U	4.8 U	4.2 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.5 U	1.5 U	1.5 U	1.4 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.6 U	4.7 U	4.8 U	4.2 U
ENDOSULFAN II	3.1 U	3.1 U	3.2 U	2.8 U
ENDOSULFAN SULFATE	9.3 U	9.3 U	9.5 U	8.4 U
ENDRIN	4.6 U	4.7 U	4.8 U	4.2 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	9.3 U	9.3 U	9.5 U	8.4 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	3.1 U	4.7 U	3.2 U	2.8 U
GAMMA-CHLORDANE	3.8 U	3.8 U	3.9 U	3.4 U
HEPTACHLOR	2.3 U	2.3 U	2.4 U	2.1 U
HEPTACHLOR EPOXIDE	4.6 U	4.7 U	4.8 U	4.2 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	19 U	19 U	19 U	17 U
METHYL PARATHION				
TOXAPHENE	78 U	78 U	80 U	70 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	BD13-16	BD13-16	BD13-16	MWD13-1
Sample Code	BD13-16 [5.0-5.5]	BD13-16 [10.5-11.0]	BD13-16 [13.5-14.0]	MWD13-1 [0.5-1.0]
Sampling Date	7/10/1990	7/10/1990	7/10/1990	7/11/1990
Sampling Depth (feet bgs)	5 - 5.5	10.5 - 11	13.5 - 14	.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	8.9 U	9 U	8.9 U	7.8 U
4,4'-DDE	3.3 U	3.3 U	3.2 U	2.8 U
4,4'-DDT	9.7 U	9.7 U	9.6 U	8.4 U
ALDRIN	3.3 U	3.3 U	3.2 U	2.8 U
ALPHA-BHC	2.4 U	2.4 U	2.4 U	2.1 U
ALPHA-CHLORDANE	4 U	4 U	4 U	3.5 U
AROCLOR-1016	39 U	39 U	39 U	34 U
AROCLOR-1221	97 U	97 U	96 U	84 U
AROCLOR-1232	97 U	97 U	96 U	84 U
AROCLOR-1242	39 U	39 U	39 U	34 U
AROCLOR-1248	19 U	19 U	19 U	17 U
AROCLOR-1254	19 U	19 U	19 U	17 U
AROCLOR-1260	19 U	19 U	19 U	17 U
AZINPHOS-METHYL				
BETA-BHC	4.8 U	4.8 U	4.8 U	4.2 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.8 U	4.8 U	4.8 U	4.2 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.6 U	1.6 U	1.6 U	1.4 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.8 U	4.8 U	4.8 U	4.2 U
ENDOSULFAN II	3.3 U	3.3 U	3.2 U	2.8 U
ENDOSULFAN SULFATE	9.7 U	9.7 U	9.6 U	8.4 U
ENDRIN	4.8 U	4.8 U	4.8 U	4.2 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	9.7 U	9.7 U	9.6 U	8.4 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	3.3 U	3.3 U	3.2 U	2.8 U
GAMMA-CHLORDANE	4 U	4 U	4 U	3.5 U
HEPTACHLOR	2.4 U	2.4 U	2.4 U	2.1 U
HEPTACHLOR EPOXIDE	4.8 U	4.8 U	4.8 U	4.2 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	19 U	19 U	19 U	17 U
METHYL PARATHION				
TOXAPHENE	81 U	81 U	81 U	71 U

Notes:

UG/KG *Micrograms per kilogram*

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	MWD13-1	MWD13-2	MWD13-1	MWD13-1
Sample Code	MWD13-1 [7.0-7.5]	MWD13-2 [0.5-1.0]	MWD13-1 [10.0-10.5]	MWD13-1 [13.0-13.5]
Sampling Date	7/11/1990	7/6/1990	7/11/1990	7/11/1990
Sampling Depth (feet bgs)	7 - 7.5	.5 - 1	10 - 10.5	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	8.4 U	88 U	8.8 U	8.9 U
4,4'-DDE	3.1 U	88 U	3.2 U	3.3 U
4,4'-DDT	9.1 U	88 U	9.5 U	9.6 U
ALDRIN	3.1 U	44 U	3.2 U	3.3 U
ALPHA-BHC	2.3 U	44 U	2.4 U	2.4 U
ALPHA-CHLORDANE	3.7 U	440 U	3.9 U	4 U
AROCLOR-1016	36 U	440 U	38 U	39 U
AROCLOR-1221	91 U	440 U	95 U	96 U
AROCLOR-1232	91 U	440 U	95 U	96 U
AROCLOR-1242	36 U	440 U	38 U	39 U
AROCLOR-1248	18 U	440 U	19 U	19 U
AROCLOR-1254	18 U	880 U	19 U	19 U
AROCLOR-1260	18 U	880 U	19 U	19 U
AZINPHOS-METHYL				
BETA-BHC	4.5 U	44 U	4.8 U	4.8 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	4.5 U	44 U	4.8 U	4.8 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	1.5 U	88 U	1.5 U	1.6 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	4.5 U	44 U	4.8 U	4.8 U
ENDOSULFAN II	3.1 U	88 U	3.2 U	3.3 U
ENDOSULFAN SULFATE	9.1 U	88 U	9.5 U	9.6 U
ENDRIN	4.5 U	88 U	4.8 U	4.8 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	9.1 U	88 U	9.5 U	9.6 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	3.1 U	44 U	3.2 U	3.3 U
GAMMA-CHLORDANE	3.7 U	440 U	3.9 U	4 U
HEPTACHLOR	2.3 U	44 U	2.4 U	2.4 U
HEPTACHLOR EPOXIDE	4.5 U	44 U	4.8 U	4.8 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	18 U	440 U	19 U	19 U
METHYL PARATHION				
TOXAPHENE	76 U	880 U	80 U	81 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	MWD13-2	MWD13-2	MWD13-2	MWD13-3
Sample Code	MWD13-2 [2.0-2.5]	MWD13-2 [9.0-9.5]	MWD13-2 [13.5-14.0]	MWD13-3 [0.5-1.0]
Sampling Date	7/6/1990	7/6/1990	7/6/1990	7/6/1990
Sampling Depth (feet bgs)	2 - 2.5	9 - 9.5	13.5 - 14	.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	17 U	290 U	19 U	17 U
4,4'-DDE	17 U	290 U	19 U	17 U
4,4'-DDT	17 U	290 U	19 U	17 U
ALDRIN	9 U	140 U	9 U	8 U
ALPHA-BHC	9 U	140 U	9 U	8 U
ALPHA-CHLORDANE	86 U	1400 U	94 U	83 U
AROCLOR-1016	86 U	1400 U	94 U	83 U
AROCLOR-1221	86 U	1400 U	94 U	83 U
AROCLOR-1232	86 U	1400 U	94 U	83 U
AROCLOR-1242	86 U	1400 U	94 U	83 U
AROCLOR-1248	86 U	1400 U	94 U	83 U
AROCLOR-1254	170 U	2900 U	190 U	170 U
AROCLOR-1260	170 U	2900 U	190 U	170 U
AZINPHOS-METHYL				
BETA-BHC	9 U	140 U	9 U	8 U
CHLORDANE				
DALAPON; 2,2-DICHLOROPROPANOIC				
DELTA-BHC	9 U	140 U	9 U	8 U
DEMETON				
DIAZINON				
DICAMBA				
DICHLORPROP				
DIELDRIN	17 U	290 U	19 U	17 U
DINOSEB				
DISULFOTON				
ENDOSULFAN I	9 U	140 U	9 U	8 U
ENDOSULFAN II	17 U	290 U	19 U	17 U
ENDOSULFAN SULFATE	17 U	290 U	19 U	17 U
ENDRIN	17 U	290 U	19 U	17 U
ENDRIN ALDEHYDE				
ENDRIN KETONE	17 U	290 U	19 U	17 U
ETHION				
ETHYL PARATHION				
GAMMA-BHC (LINDANE)	9 U	140 U	9 U	8 U
GAMMA-CHLORDANE	86 U	1400 U	94 U	83 U
HEPTACHLOR	9 U	140 U	9 U	8 U
HEPTACHLOR EPOXIDE	9 U	140 U	9 U	8 U
MALATHION				
MCPA				
MCPP				
METHOXYCHLOR	86 U	1400 U	94 U	83 U
METHYL PARATHION				
TOXAPHENE	170 U	2900 U	190 U	170 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-88: SITE 19 PESTICIDES, PCBs, AND HERBICIDES IN SOIL

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

Location	MWD13-3	MWD13-3	MWD13-3
Sample Code	MWD13-3 [5.0-5.5]	MWD13-3 [12.0-12.5]	MWD13-3 [14.5-15.0]
Sampling Date	7/6/1990	7/27/1990	7/27/1990
Sampling Depth (feet bgs)	5 - 5.5	12 - 12.5	14.5 - 15
Units	UG/KG	UG/KG	UG/KG
Investigation	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	20 U	19 U	19 U
4,4'-DDE	20 U	19 U	19 U
4,4'-DDT	20 U	19 U	19 U
ALDRIN	10 U	10 U	9 U
ALPHA-BHC	10 U	10 U	9 U
ALPHA-CHLORDANE	98 U	96 U	93 U
AROCLOR-1016	98 U	96 U	93 U
AROCLOR-1221	98 U	96 U	93 U
AROCLOR-1232	98 U	96 U	93 U
AROCLOR-1242	98 U	96 U	93 U
AROCLOR-1248	98 U	96 U	93 U
AROCLOR-1254	200 U	190 U	190 U
AROCLOR-1260	200 U	190 U	190 U
AZINPHOS-METHYL			
BETA-BHC	10 U	10 U	9 U
CHLORDANE			
DALAPON; 2,2-DICHLOROPROPANOIC			
DELTA-BHC	10 U	10 U	9 U
DEMETON			
DIAZINON			
DICAMBA			
DICHLORPROP			
DIELDRIN	20 U	19 U	19 U
DINOSEB			
DISULFOTON			
ENDOSULFAN I	10 U	10 U	9 U
ENDOSULFAN II	20 U	19 U	19 U
ENDOSULFAN SULFATE	20 U	19 U	19 U
ENDRIN	20 U	19 U	19 U
ENDRIN ALDEHYDE			
ENDRIN KETONE	20 U	19 U	19 U
ETHION			
ETHYL PARATHION			
GAMMA-BHC (LINDANE)	10 U	10 U	9 U
GAMMA-CHLORDANE	98 U	96 U	93 U
HEPTACHLOR	10 U	10 U	9 U
HEPTACHLOR EPOXIDE	10 U	10 U	9 U
MALATHION			
MCPA			
MCPP			
METHOXYCHLOR	98 U	96 U	93 U
METHYL PARATHION			
TOXAPHENE	200 U	190 U	190 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B19-17	B19-17	B19-17	B19-18	B19-18	B19-18	BD13-5	BD13-5	BD13-5
Sample Code	280-S19-001	280-S19-002	280-S19-003	280-S19-004	280-S19-005	280-S19-006	BD13-5 [0.5-1.0]	BD13-5 [2.0-2.5]	BD13-5 [5.5-6.0]
Sampling Date	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	5 - 6	1 - 2	2 - 3	4.5 - 5.5	.5 - 1	2 - 2.5	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	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte									
1,2,4-TRICHLOROBENZENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
1,2-DICHLOROBENZENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
1,4-DICHLOROBENZENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)	11000 UJ	370 U	390 U	700 UJ	350 UJ	380 U			
2,4,5-TRICHLOROPHENOL	27000 U	900 U	950 U	1700 U	850 U	930 U	6600 U	1700 U	2000 U
2,4,6-TRICHLOROPHENOL	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
2,4-DICHLOROPHENOL	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
2,4-DIMETHYLPHENOL	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
2,4-DINITROPHENOL	27000 U	900 U	950 U	1700 U	850 U	930 U	6600 U	1700 U	2000 U
2,4-DINITROTOLUENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
2,6-DINITROTOLUENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
2-CHLORONAPHTHALENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
2-CHLOROPHENOL	1500 J	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
2-METHYLNAPHTHALENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
2-METHYLPHENOL	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
2-NITROANILINE	27000 U	900 U	950 U	1700 U	850 U	930 U	6600 U	1700 U	2000 U
2-NITROPHENOL	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
3,3'-DICHLOROBENZIDINE	11000 U	370 U	390 U	700 U	350 U	380 U	2700 U	720 U	810 U
3-NITROANILINE	27000 U	900 U	950 U	1700 U	850 U	930 U	6600 U	1700 U	2000 U
4,6-DINITRO-2-METHYLPHENOL	27000 U	900 U	950 U	1700 U	850 U	930 U	6600 U	1700 U	2000 U
4-BROMOPHENYL-PHENYLETHER	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
4-CHLORO-3-METHYLPHENOL	1500 J	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
4-CHLOROANILINE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
4-CHLOROPHENYL-PHENYLETHER	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
4-METHYLPHENOL	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
4-NITROANILINE	27000 U	900 UJ	950 U	1700 U	850 U	930 U	6600 U	1700 U	2000 U
4-NITROPHENOL	27000 U	900 U	950 U	1700 U	850 U	930 U	6600 U	1700 U	2000 U
ANILINE									
BENZOIC ACID							6600 U	1700 U	2000 U
BENZYL ALCOHOL							1400 U	360 U	400 U
BIS(2-CHLOROETHOXY)METHANE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
BIS(2-CHLOROETHYL)ETHER	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	11000 U	370 UJ	390 UJ	700 U	350 UJ	380 UJ	1400 U	360 U	400 U
BUTYLBENZYLPHTHALATE	11000 UJ	370 U	390 U	700 UJ	350 UJ	380 U	1400 U	360 U	400 U
CARBAZOLE	11000 U	370 U	390 U	700 U	350 U	380 U			
DIBENZOFURAN	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B19-17	B19-17	B19-17	B19-18	B19-18	B19-18	BD13-5	BD13-5	BD13-5
Sample Code	280-S19-001	280-S19-002	280-S19-003	280-S19-004	280-S19-005	280-S19-006	BD13-5 [0.5-1.0]	BD13-5 [2.0-2.5]	BD13-5 [5.5-6.0]
Sampling Date	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	5 - 6	1 - 2	2 - 3	4.5 - 5.5	.5 - 1	2 - 2.5	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	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte									
DIETHYLPHTHALATE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
DIMETHYLPHTHALATE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
DI-N-BUTYLPHTHALATE	11000 U	370 U	390 UJ	700 UJ	350 UJ	380 UJ	1400 U	1500 UJ	430 UJ
DI-N-OCTYLPHTHALATE	11000 UJ	370 U	390 U	700 UJ	350 UJ	380 U	1400 U	360 U	400 U
HEXACHLOROBENZENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
HEXACHLOROBUTADIENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
HEXACHLOROCYCLOPENTADIENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
HEXACHLOROETHANE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
ISOPHORONE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
NITROBENZENE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
N-NITROSODIMETHYLAMINE									
N-NITROSO-DI-N-PROPYLAMINE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
N-NITROSODIPHENYLAMINE	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U
PENTACHLOROPHENOL	27000 U	900 U	950 U	1700 U	850 U	930 U	6600 U	1700 U	2000 U
PHENOL	11000 U	370 U	390 U	700 U	350 U	380 U	1400 U	360 U	400 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-5	BD13-6	BD13-6	BD13-6	BD13-6	BD13-7	BD13-7	BD13-7
Sample Code	BD13-5 [10.0-10.5]	BD13-6 [0.5-1.0]	BD13-6 [2.0-2.5]	BD13-6 [5.0-5.5]	BD13-6 [8.0-8.5]	BD13-7 [0.5-1.0]	BD13-7 [1.5-2.0]	BD13-7 [4.5-5.0]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	10 - 10.5	.5 - 1	2 - 2.5	5 - 5.5	8 - 8.5	.5 - 1	1.5 - 2	4.5 - 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	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	680 U	350 U	390 U	400 U	350 U	410 U	370 U
1,2-DICHLOROBENZENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
1,2-DIPHENYLHYDRAZINE								
1,3-DICHLOROBENZENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
1,4-DICHLOROBENZENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
2,2'-OXYBIS(1-CHLOROPROPANE)								
2,4,5-TRICHLOROPHENOL	2000 U	3300 U	1700 U	1900 U	1900 U	1700 U	2000 U	1800 U
2,4,6-TRICHLOROPHENOL	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
2,4-DICHLOROPHENOL	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
2,4-DIMETHYLPHENOL	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
2,4-DINITROPHENOL	2000 U	3300 U	1700 U	1900 U	1900 U	1700 U	2000 U	1800 U
2,4-DINITROTOLUENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
2,6-DINITROTOLUENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
2-CHLORONAPHTHALENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
2-CHLOROPHENOL	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
2-METHYLNAPHTHALENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
2-METHYLPHENOL	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
2-NITROANILINE	2000 U	3300 U	1700 U	1900 U	1900 U	1700 U	2000 U	1800 U
2-NITROPHENOL	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
3,3'-DICHLOROBENZIDINE	820 U	1400 U	690 U	780 U	790 U	700 U	820 U	740 U
3-NITROANILINE	2000 U	3300 U	1700 U	1900 U	1900 U	1700 U	2000 U	1800 U
4,6-DINITRO-2-METHYLPHENOL	2000 U	3300 U	1700 U	1900 U	1900 U	1700 U	2000 U	1800 U
4-BROMOPHENYL-PHENYLETHER	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
4-CHLORO-3-METHYLPHENOL	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
4-CHLOROANILINE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
4-CHLOROPHENYL-PHENYLETHER	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
4-METHYLPHENOL	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
4-NITROANILINE	2000 U	3300 U	1700 U	1900 U	1900 U	1700 U	2000 U	1800 U
4-NITROPHENOL	2000 U	3300 U	1700 U	1900 U	1900 U	1700 U	2000 U	1800 U
ANILINE								
BENZOIC ACID	2000 U	3300 U	1700 U	1900 U	1900 U	1700 U	2000 U	1800 U
BENZYL ALCOHOL	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
BIS(2-CHLOROETHOXY)METHANE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
BIS(2-CHLOROETHYL)ETHER	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
BIS(2-ETHYLHEXYL)PHTHALATE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
BUTYLBENZYLPHTHALATE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
CARBAZOLE								
DIBENZOFURAN	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-5	BD13-6	BD13-6	BD13-6	BD13-6	BD13-7	BD13-7	BD13-7
Sample Code	BD13-5 [10.0-10.5]	BD13-6 [0.5-1.0]	BD13-6 [2.0-2.5]	BD13-6 [5.0-5.5]	BD13-6 [8.0-8.5]	BD13-7 [0.5-1.0]	BD13-7 [1.5-2.0]	BD13-7 [4.5-5.0]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	10 - 10.5	.5 - 1	2 - 2.5	5 - 5.5	8 - 8.5	.5 - 1	1.5 - 2	4.5 - 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	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte								
DIETHYLPHTHALATE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
DIMETHYLPHTHALATE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
DI-N-BUTYLPHTHALATE	630 UJ	3700 UJ	570 UJ	5200	720 UJ	1400 UJ	7300	450 UJ
DI-N-OCTYLPHTHALATE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
HEXACHLOROBENZENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
HEXACHLOROBUTADIENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
HEXACHLOROCYCLOPENTADIENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
HEXACHLOROETHANE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
ISOPHORONE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
NITROBENZENE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
N-NITROSODIMETHYLAMINE								
N-NITROSO-DI-N-PROPYLAMINE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
N-NITROSODIPHENYLAMINE	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U
PENTACHLOROPHENOL	2000 U	3300 U	1700 U	1900 U	1900 U	1700 U	2000 U	1800 U
PHENOL	410 U	680 U	350 U	390 U	400 U	350 U	410 U	370 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-7	BD13-8	BD13-8	BD13-8	BD13-8	BD13-9	BD13-9	BD13-9
Sample Code	BD13-7 [8.0-8.5]	BD13-8 [2.5-3.0]	BD13-8 [0.5-1.0]	BD13-8 [10.5-11.0]	BD13-8 [12.5-13.0]	BD13-9 [5.0-5.5]	BD13-9 [0.5-1.0]	BD13-9 [8.5-9.0]
Sampling Date	7/3/1990	7/3/1990	7/5/1990	7/3/1990	7/3/1990	7/3/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	8 - 8.5	2.5 - 3	.5 - 1	10.5 - 11	12.5 - 13	5 - 5.5	.5 - 1	8.5 - 9
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	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	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
1,2-DICHLOROBENZENE	380 U		340 U	410 U	390 U	400 U	1700 U	770 U
1,2-DIPHENYLHYDRAZINE		340 U	340 U	410 U	390 U	400 U	1700 U	770 U
1,3-DICHLOROBENZENE	380 U		340 U	410 U	390 U	400 U	1700 U	770 U
1,4-DICHLOROBENZENE	380 U		340 U	410 U	390 U	400 U	1700 U	770 U
2,2'-OXYBIS(1-CHLOROPROPANE)								
2,4,5-TRICHLOROPHENOL	1900 U	1700 U	1600 U	2000 U	1900 U	2000 U	8300 U	3700 U
2,4,6-TRICHLOROPHENOL	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
2,4-DICHLOROPHENOL	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
2,4-DIMETHYLPHENOL	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
2,4-DINITROPHENOL	1900 U	1700 U	1600 U	2000 U	1900 U	2000 U	8300 U	3700 U
2,4-DINITROTOLUENE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
2,6-DINITROTOLUENE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
2-CHLORONAPHTHALENE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
2-CHLOROPHENOL	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
2-METHYLNAPHTHALENE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
2-METHYLPHENOL	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
2-NITROANILINE	1900 U	1700 U	1600 U	2000 U	1900 U	2000 U	8300 U	3700 U
2-NITROPHENOL	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
3,3'-DICHLOROBENZIDINE	770 U	690 U	680 U	820 U	790 U	800 U	3400 U	1500 U
3-NITROANILINE	1900 U	1700 U	1600 U	2000 U	1900 U	2000 U	8300 U	3700 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	1700 U	1600 U	2000 U	1900 U	2000 U	8300 U	3700 U
4-BROMOPHENYL-PHENYLETHER	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
4-CHLORO-3-METHYLPHENOL	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
4-CHLOROANILINE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
4-CHLOROPHENYL-PHENYLETHER	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
4-METHYLPHENOL	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
4-NITROANILINE	1900 U	1700 U	1600 U	2000 U	1900 U	2000 U	8300 U	3700 U
4-NITROPHENOL	1900 U	1700 U	1600 U	2000 U	1900 U	2000 U	8300 U	3700 U
ANILINE								
BENZOIC ACID	1900 U	1700 U	1600 U	2000 U	1900 U	2000 U	8300 U	3700 U
BENZYL ALCOHOL	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
BIS(2-CHLOROETHOXY)METHANE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
BIS(2-CHLOROETHYL)ETHER	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
BIS(2-ETHYLHEXYL)PHTHALATE	380 U	340 UJ	340 UJ	410 U	390 UJ	400 UJ	1700 U	250 BJ
BUTYLBENZYLPHTHALATE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
CARBAZOLE								
DIBENZOFURAN	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-7	BD13-8	BD13-8	BD13-8	BD13-8	BD13-9	BD13-9	BD13-9
Sample Code	BD13-7 [8.0-8.5]	BD13-8 [2.5-3.0]	BD13-8 [0.5-1.0]	BD13-8 [10.5-11.0]	BD13-8 [12.5-13.0]	BD13-9 [5.0-5.5]	BD13-9 [0.5-1.0]	BD13-9 [8.5-9.0]
Sampling Date	7/3/1990	7/3/1990	7/5/1990	7/3/1990	7/3/1990	7/3/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	8 - 8.5	2.5 - 3	.5 - 1	10.5 - 11	12.5 - 13	5 - 5.5	.5 - 1	8.5 - 9
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	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte								
DIETHYLPHTHALATE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	8800 B
DIMETHYLPHTHALATE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
DI-N-BUTYLPHTHALATE	430 UJ	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
DI-N-OCTYLPHTHALATE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
HEXACHLOROBENZENE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
HEXACHLOROBUTADIENE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
HEXACHLOROCYCLOPENTADIENE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
HEXACHLOROETHANE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
ISOPHORONE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
NITROBENZENE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
N-NITROSODIMETHYLAMINE								
N-NITROSO-DI-N-PROPYLAMINE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
N-NITROSODIPHENYLAMINE	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U
PENTACHLOROPHENOL	1900 U	1700 U	1600 U	2000 U	1900 U	2000 U	8300 U	3700 U
PHENOL	380 U	340 U	340 U	410 U	390 U	400 U	1700 U	770 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-9	BD13-10	BD13-10	BD13-10	BD13-11	BD13-11	BD13-12
Sample Code	BD13-9 [14.0-14.5]	BD13-10 [2.0-2.5]	BD13-10 [7.5-8.0]	BD13-10 [13.5-14.0]	BD13-11 [1.0-1.5]	BD13-11 [4.0-4.5]	BD13-12 [1.5-2.0]
Sampling Date	7/3/1990	7/5/1990	7/5/1990	7/5/1990	7/10/1990	7/10/1990	7/9/1990
Sampling Depth (feet bgs)	14 - 14.5	2 - 2.5	7.5 - 8	13.5 - 14	1 - 1.5	4 - 4.5	1.5 - 2
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	520 U	390 U	390 U	700 U	750 U	680 U
1,2-DICHLOROBENZENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
1,2-DIPHENYLHYDRAZINE	390 U	520 U	390 U	390 U	700 U	750 U	
1,3-DICHLOROBENZENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
1,4-DICHLOROBENZENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	1900 U	2500 U	1900 U	1900 U	3400 U	3600 U	3300 U
2,4,6-TRICHLOROPHENOL	390 U	520 U	390 U	390 U	700 U	750 U	680 U
2,4-DICHLOROPHENOL	390 U	520 U	390 U	390 U	700 U	750 U	680 U
2,4-DIMETHYLPHENOL	390 U	520 U	390 U	390 U	700 U	750 U	680 U
2,4-DINITROPHENOL	1900 U	2500 U	1900 U	1900 U	3400 U	3600 U	3300 U
2,4-DINITROTOLUENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
2,6-DINITROTOLUENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
2-CHLORONAPHTHALENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
2-CHLOROPHENOL	390 U	520 U	390 U	390 U	700 U	750 U	680 U
2-METHYLNAPHTHALENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
2-METHYLPHENOL	390 U	520 U	390 U	390 U	700 U	750 U	680 U
2-NITROANILINE	1900 U	2500 U	1900 U	1900 U	3400 U	3600 U	3300 U
2-NITROPHENOL	390 U	520 U	390 U	390 U	700 U	750 U	680 U
3,3'-DICHLOROBENZIDINE	790 U	1000 U	790 U	780 U	1400 U	1500 U	1400 U
3-NITROANILINE	1900 U	2500 U	1900 U	1900 U	3400 U	3600 U	3300 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	2500 U	1900 U	1900 U	3400 U	3600 U	3300 U
4-BROMOPHENYL-PHENYLETHER	390 U	520 U	390 U	390 U	700 U	750 U	680 U
4-CHLORO-3-METHYLPHENOL	390 U	520 U	390 U	390 U	700 U	750 U	680 U
4-CHLOROANILINE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
4-CHLOROPHENYL-PHENYLETHER	390 U	520 U	390 U	390 U	700 U	750 U	680 U
4-METHYLPHENOL	390 U	520 U	390 U	390 U	700 U	750 U	680 U
4-NITROANILINE	1900 U	2500 U	1900 U	1900 U	3400 U	3600 U	3300 U
4-NITROPHENOL	1900 U	2500 U	1900 U	1900 U	3400 U	3600 U	3300 U
ANILINE					700 U	750 U	
BENZOIC ACID	1900 U	2500 U	1900 U	1900 U	3400 U	3600 U	3300 U
BENZYL ALCOHOL	390 U	520 U	390 U	390 U	700 U	750 U	680 U
BIS(2-CHLOROETHOXY)METHANE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
BIS(2-CHLOROETHYL)ETHER	390 U	520 U	390 U	390 U	700 U	750 U	680 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 UJ	110 J	390 UJ	390 UJ	700 UJ	750 UJ	680 U
BUTYLBENZYLPHTHALATE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
CARBAZOLE							
DIBENZOFURAN	390 U	520 U	390 U	390 U	700 U	750 U	680 U

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-9	BD13-10	BD13-10	BD13-10	BD13-11	BD13-11	BD13-12
Sample Code	BD13-9 [14.0-14.5]	BD13-10 [2.0-2.5]	BD13-10 [7.5-8.0]	BD13-10 [13.5-14.0]	BD13-11 [1.0-1.5]	BD13-11 [4.0-4.5]	BD13-12 [1.5-2.0]
Sampling Date	7/3/1990	7/5/1990	7/5/1990	7/5/1990	7/10/1990	7/10/1990	7/9/1990
Sampling Depth (feet bgs)	14 - 14.5	2 - 2.5	7.5 - 8	13.5 - 14	1 - 1.5	4 - 4.5	1.5 - 2
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							
DIETHYLPHTHALATE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
DIMETHYLPHTHALATE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
DI-N-BUTYLPHTHALATE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
DI-N-OCTYLPHTHALATE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
HEXACHLOROBENZENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
HEXACHLOROBUTADIENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
HEXACHLOROCYCLOPENTADIENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
HEXACHLOROETHANE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
ISOPHORONE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
NITROBENZENE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
N-NITROSODIMETHYLAMINE					700 U	750 U	
N-NITROSO-DI-N-PROPYLAMINE	390 U	520 U	390 U	390 U	700 U	750 U	680 U
N-NITROSODIPHENYLAMINE	390 U	520 U	390 U	390 U	79 JB	98 JB	680 U
PENTACHLOROPHENOL	1900 U	2500 U	1900 U	1900 U	410 J	3600 U	3300 U
PHENOL	390 U	520 U	390 U	390 U	700 U	750 U	680 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-12	BD13-12	BD13-12	BD13-11	BD13-11	BD13-13	BD13-13
Sample Code	BD13-12 [14.5-15.0]	BD13-12 [4.5-5.0]	BD13-12 [9.5-10.0]	BD13-11 [11.5-12.0]	BD13-11 [13.0-13.5]	BD13-13 [2.0-2.5]	BD13-13 [8.0-8.5]
Sampling Date	7/9/1990	7/9/1990	7/9/1990	7/10/1990	7/10/1990	7/11/1990	7/11/1990
Sampling Depth (feet bgs)	14.5 - 15	4.5 - 5	9.5 - 10	11.5 - 12	13 - 13.5	2 - 2.5	8 - 8.5
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	410 U	390 U	380 U	800 U	760 U	390 U
1,2-DICHLOROBENZENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
1,2-DIPHENYLHYDRAZINE				380 U	800 U	760 U	390 U
1,3-DICHLOROBENZENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
1,4-DICHLOROBENZENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	1900 U	2000 U	1900 U	1900 U	3900 U	3700 U	1900 U
2,4,6-TRICHLOROPHENOL	400 U	410 U	390 U	380 U	800 U	760 U	390 U
2,4-DICHLOROPHENOL	400 U	410 U	390 U	380 U	800 U	760 U	390 U
2,4-DIMETHYLPHENOL	400 U	410 U	390 U	380 U	800 U	760 U	390 U
2,4-DINITROPHENOL	1900 U	2000 U	1900 U	1900 U	3900 U	3700 U	1900 U
2,4-DINITROTOLUENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
2,6-DINITROTOLUENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
2-CHLORONAPHTHALENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
2-CHLOROPHENOL	400 U	410 U	390 U	380 U	800 U	760 U	390 U
2-METHYLNAPHTHALENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
2-METHYLPHENOL	400 U	410 U	390 U	380 U	800 U	760 U	390 U
2-NITROANILINE	1900 U	2000 U	1900 U	1900 U	3900 U	3700 U	1900 U
2-NITROPHENOL	400 U	410 U	390 U	380 U	800 U	760 U	390 U
3,3'-DICHLOROBENZIDINE	800 U	810 U	780 U	770 U	1600 U	1500 U	780 U
3-NITROANILINE	1900 U	2000 U	1900 U	1900 U	3900 U	3700 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	2000 U	1900 U	1900 U	3900 U	3700 U	1900 U
4-BROMOPHENYL-PHENYLETHER	400 U	410 U	390 U	380 U	800 U	760 U	390 U
4-CHLORO-3-METHYLPHENOL	400 U	410 U	390 U	380 U	800 U	760 U	390 U
4-CHLOROANILINE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
4-CHLOROPHENYL-PHENYLETHER	400 U	410 U	390 U	380 U	800 U	760 U	390 U
4-METHYLPHENOL	400 U	410 U	390 U	380 U	800 U	760 U	390 U
4-NITROANILINE	1900 U	2000 U	1900 U	1900 U	3900 U	3700 U	1900 U
4-NITROPHENOL	1900 U	2000 U	1900 U	1900 U	3900 U	3700 U	1900 U
ANILINE				380 U	800 U		
BENZOIC ACID	1900 U	2000 U	1900 U	1900 U	3900 U	3700 U	1900 U
BENZYL ALCOHOL	400 U	410 U	390 U	380 U	800 U	760 U	390 U
BIS(2-CHLOROETHOXY)METHANE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
BIS(2-CHLOROETHYL)ETHER	400 U	410 U	390 U	380 U	800 U	760 U	390 U
BIS(2-ETHYLHEXYL)PHTHALATE	400 U	410 U	390 U	380 UJ	800 UJ	760 UJ	390 UJ
BUTYLBENZYLPHTHALATE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
CARBAZOLE							
DIBENZOFURAN	400 U	410 U	390 U	380 U	800 U	760 U	390 U

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-12	BD13-12	BD13-12	BD13-11	BD13-11	BD13-13	BD13-13
Sample Code	BD13-12 [14.5-15.0]	BD13-12 [4.5-5.0]	BD13-12 [9.5-10.0]	BD13-11 [11.5-12.0]	BD13-11 [13.0-13.5]	BD13-13 [2.0-2.5]	BD13-13 [8.0-8.5]
Sampling Date	7/9/1990	7/9/1990	7/9/1990	7/10/1990	7/10/1990	7/11/1990	7/11/1990
Sampling Depth (feet bgs)	14.5 - 15	4.5 - 5	9.5 - 10	11.5 - 12	13 - 13.5	2 - 2.5	8 - 8.5
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							
DIETHYLPHTHALATE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
DIMETHYLPHTHALATE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
DI-N-BUTYLPHTHALATE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
DI-N-OCTYLPHTHALATE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
HEXACHLOROBENZENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
HEXACHLOROBUTADIENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
HEXACHLOROCYCLOPENTADIENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
HEXACHLOROETHANE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
ISOPHORONE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
NITROBENZENE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
N-NITROSODIMETHYLAMINE				380 U	800 U		
N-NITROSO-DI-N-PROPYLAMINE	400 U	410 U	390 U	380 U	800 U	760 U	390 U
N-NITROSODIPHENYLAMINE	400 U	410 U	390 U	380 U	95 JB	110 JB	390 U
PENTACHLOROPHENOL	1900 U	2000 U	1900 U	1900 U	3900 U	3700 U	1900 U
PHENOL	400 U	410 U	390 U	380 U	800 U	760 U	390 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-13	BD13-13	BD13-13	BD13-14	BD13-14	BD13-14	BD13-14
Sample Code	BD13-13 [11.0-11.5]	BD13-13 [14.0-14.5]	BD13-13 [14.5-15.0]	BD13-14 [2.0-2.5]	BD13-14 [4.0-4.5]	BD13-14 [14.0-14.5]	BD13-14 [15.0-15.5]
Sampling Date	7/11/1990	7/11/1990	7/9/1990	7/9/1990	7/9/1990	7/9/1990	7/9/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	14.5 - 15	2 - 2.5	4 - 4.5	14 - 14.5	15 - 15.5
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	380 U	390 U	380 U	690 U	350 U	390 U	400 U
1,2-DICHLOROBENZENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
1,2-DIPHENYLHYDRAZINE	380 U	390 U	380 U				
1,3-DICHLOROBENZENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
1,4-DICHLOROBENZENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	1900 U	1900 U	1800 U	3300 U	1700 U	1900 U	1900 U
2,4,6-TRICHLOROPHENOL	380 U	390 U	380 U	690 U	350 U	390 U	400 U
2,4-DICHLOROPHENOL	380 U	390 U	380 U	690 U	350 U	390 U	400 U
2,4-DIMETHYLPHENOL	380 U	390 U	380 U	690 U	350 U	390 U	400 U
2,4-DINITROPHENOL	1900 U	1900 U	1800 U	3300 U	1700 U	1900 U	1900 U
2,4-DINITROTOLUENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
2,6-DINITROTOLUENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
2-CHLORONAPHTHALENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
2-CHLOROPHENOL	380 U	390 U	380 U	690 U	350 U	390 U	400 U
2-METHYLNAPHTHALENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
2-METHYLPHENOL	380 U	390 U	380 U	690 U	350 U	390 U	400 U
2-NITROANILINE	1900 U	1900 U	1800 U	3300 U	1700 U	1900 U	1900 U
2-NITROPHENOL	380 U	390 U	380 U	690 U	350 U	390 U	400 U
3,3'-DICHLOROBENZIDINE	770 U	780 U	760 U	1400 U	700 U	790 U	800 U
3-NITROANILINE	1900 U	1900 U	1800 U	3300 U	1700 U	1900 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	1900 U	1800 U	3300 U	1700 U	1900 U	1900 U
4-BROMOPHENYL-PHENYLETHER	380 U	390 U	380 U	690 U	350 U	390 U	400 U
4-CHLORO-3-METHYLPHENOL	380 U	390 U	380 U	690 U	350 U	390 U	400 U
4-CHLOROANILINE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
4-CHLOROPHENYL-PHENYLETHER	380 U	390 U	380 U	690 U	350 U	390 U	400 U
4-METHYLPHENOL	380 U	390 U	380 U	690 U	350 U	390 U	400 U
4-NITROANILINE	1900 U	1900 U	1800 U	3300 U	1700 U	1900 U	1900 U
4-NITROPHENOL	1900 U	1900 U	1800 U	3300 U	1700 U	1900 U	1900 U
ANILINE							
BENZOIC ACID	1900 U	1900 U	1800 U	3300 U	1700 U	1900 U	1900 U
BENZYL ALCOHOL	380 U	390 U	380 U	690 U	350 U	390 U	400 U
BIS(2-CHLOROETHOXY)METHANE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
BIS(2-CHLOROETHYL)ETHER	380 U	390 U	380 U	690 U	350 U	390 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	380 U	390 UJ	380 UJ	690 U	350 U	390 U	400 U
BUTYLBENZYLPHTHALATE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
CARBAZOLE							
DIBENZOFURAN	380 U	390 U	380 U	690 U	350 U	390 U	400 U

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-13	BD13-13	BD13-13	BD13-14	BD13-14	BD13-14	BD13-14
Sample Code	BD13-13 [11.0-11.5]	BD13-13 [14.0-14.5]	BD13-13 [14.5-15.0]	BD13-14 [2.0-2.5]	BD13-14 [4.0-4.5]	BD13-14 [14.0-14.5]	BD13-14 [15.0-15.5]
Sampling Date	7/11/1990	7/11/1990	7/9/1990	7/9/1990	7/9/1990	7/9/1990	7/9/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	14.5 - 15	2 - 2.5	4 - 4.5	14 - 14.5	15 - 15.5
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							
DIETHYLPHTHALATE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
DIMETHYLPHTHALATE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
DI-N-BUTYLPHTHALATE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
DI-N-OCTYLPHTHALATE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
HEXACHLOROBENZENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
HEXACHLOROBUTADIENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
HEXACHLOROCYCLOPENTADIENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
HEXACHLOROETHANE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
ISOPHORONE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
NITROBENZENE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
N-NITROSODIMETHYLAMINE							
N-NITROSO-DI-N-PROPYLAMINE	380 U	390 U	380 U	690 U	350 U	390 U	400 U
N-NITROSODIPHENYLAMINE	49 JB	61 JB	48 JB	690 U	350 U	390 U	400 U
PENTACHLOROPHENOL	1900 U	1900 U	1800 U	3300 U	1700 U	1900 U	1900 U
PHENOL	380 U	390 U	380 U	690 U	350 U	390 U	400 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-15	BD13-15	BD13-15	BD13-15	BD13-16	BD13-16	BD13-16
Sample Code	BD13-15 [2.0-2.5]	BD13-15 [8.5-9.0]	BD13-15 [12.5-13.0]	BD13-15 [13.5-14.0]	BD13-16 [1.5-2.0]	BD13-16 [5.0-5.5]	BD13-16 [10.5-11.0]
Sampling Date	7/10/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	2 - 2.5	8.5 - 9	12.5 - 13	13.5 - 14	1.5 - 2	5 - 5.5	10.5 - 11
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	790 U	380 U	390 U	690 U	800 U	800 U
1,2-DICHLOROBENZENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
1,2-DIPHENYLHYDRAZINE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
1,3-DICHLOROBENZENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
1,4-DICHLOROBENZENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL	33000 U	3800 U	1900 U	1900 U	3300 U	3900 U	3900 U
2,4,6-TRICHLOROPHENOL	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
2,4-DICHLOROPHENOL	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
2,4-DIMETHYLPHENOL	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
2,4-DINITROPHENOL	33000 U	3800 U	1900 U	1900 U	3300 U	3900 U	3900 U
2,4-DINITROTOLUENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
2,6-DINITROTOLUENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
2-CHLORONAPHTHALENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
2-CHLOROPHENOL	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
2-METHYLNAPHTHALENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
2-METHYLPHENOL	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
2-NITROANILINE	33000 U	3800 U	1900 U	1900 U	3300 U	3900 U	3900 U
2-NITROPHENOL	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
3,3'-DICHLOROBENZIDINE	14000 U	1600 U	760 U	790 U	1400 U	1600 U	1600 U
3-NITROANILINE	33000 U	3800 U	1900 U	1900 U	3300 U	3900 U	3900 U
4,6-DINITRO-2-METHYLPHENOL	33000 U	3800 U	1900 U	1900 U	3300 U	3900 U	3900 U
4-BROMOPHENYL-PHENYLETHER	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
4-CHLORO-3-METHYLPHENOL	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
4-CHLOROANILINE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
4-CHLOROPHENYL-PHENYLETHER	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
4-METHYLPHENOL	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
4-NITROANILINE	33000 U	3800 U	1900 U	1900 U	3300 U	3900 U	3900 U
4-NITROPHENOL	33000 U	3800 U	1900 U	1900 U	3300 U	3900 U	3900 U
ANILINE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
BENZOIC ACID	33000 U	3800 U	1900 U	1900 U	3300 U	3900 U	3900 U
BENZYL ALCOHOL	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
BIS(2-CHLOROETHOXY)METHANE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
BIS(2-CHLOROETHYL)ETHER	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
BIS(2-ETHYLHEXYL)PHTHALATE	6800 U	790 UJ	380 UJ	390 UJ	2100 UJ	830 UJ	800 UJ
BUTYLBENZYLPHTHALATE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
CARBAZOLE							
DIBENZOFURAN	6800 U	790 U	380 U	390 U	690 U	800 U	800 U

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-15	BD13-15	BD13-15	BD13-15	BD13-16	BD13-16	BD13-16
Sample Code	BD13-15 [2.0-2.5]	BD13-15 [8.5-9.0]	BD13-15 [12.5-13.0]	BD13-15 [13.5-14.0]	BD13-16 [1.5-2.0]	BD13-16 [5.0-5.5]	BD13-16 [10.5-11.0]
Sampling Date	7/10/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	2 - 2.5	8.5 - 9	12.5 - 13	13.5 - 14	1.5 - 2	5 - 5.5	10.5 - 11
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							
DIETHYLPHTHALATE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
DIMETHYLPHTHALATE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
DI-N-BUTYLPHTHALATE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
DI-N-OCTYLPHTHALATE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
HEXACHLOROBENZENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
HEXACHLOROBUTADIENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
HEXACHLOROCYCLOPENTADIENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
HEXACHLOROETHANE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
ISOPHORONE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
NITROBENZENE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
N-NITROSODIMETHYLAMINE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
N-NITROSO-DI-N-PROPYLAMINE	6800 U	790 U	380 U	390 U	690 U	800 U	800 U
N-NITROSODIPHENYLAMINE	900 JB	100 JB	380 U	55 JB	690 U	96 JB	800 U
PENTACHLOROPHENOL	33000 U	3800 U	1900 U	1900 U	1600 J	670 J	3900 U
PHENOL	6800 U	790 U	380 U	390 U	690 U	800 U	800 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-16	M19-05	M19-05	M19-05	MWD13-1	MWD13-1	MWD13-1	MWD13-1
Sample Code	BD13-16 [13.5-14.0]	280-S19-011	280-S19-012	280-S19-013	MWD13-1 [0.5-1.0]	MWD13-1 [7.0-7.5]	MWD13-1 [10.0-10.5]	MWD13-1 [13.0-13.5]
Sampling Date	7/10/1990	11/6/1994	11/6/1994	11/6/1994	7/11/1990	7/11/1990	7/11/1990	7/11/1990
Sampling Depth (feet bgs)	13.5 - 14	.5 - 1.5	2.5 - 3.5	4.5 - 5.5	.5 - 1	7 - 7.5	10 - 10.5	13 - 13.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	FO 1994	FO 1994	FO 1994	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte								
1,2,4-TRICHLOROBENZENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
1,2-DICHLOROBENZENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
1,2-DIPHENYLHYDRAZINE	790 U				340 U	370 U	390 U	400 U
1,3-DICHLOROBENZENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
1,4-DICHLOROBENZENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)		350 U	370 U	340 U				
2,4,5-TRICHLOROPHENOL	3900 U	840 U	900 U	820 U	1700 U	1800 U	1900 U	1900 U
2,4,6-TRICHLOROPHENOL	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
2,4-DICHLOROPHENOL	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
2,4-DIMETHYLPHENOL	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
2,4-DINITROPHENOL	3900 U	840 U	900 U	820 U	1700 U	1800 U	1900 U	1900 U
2,4-DINITROTOLUENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
2,6-DINITROTOLUENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
2-CHLORONAPHTHALENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
2-CHLOROPHENOL	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
2-METHYLNAPHTHALENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
2-METHYLPHENOL	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
2-NITROANILINE	3900 U	840 U	900 U	820 U	1700 U	1800 U	1900 U	1900 U
2-NITROPHENOL	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
3,3'-DICHLOROBENZIDINE	1600 U	350 U	370 U	340 U	690 U	750 U	780 U	800 U
3-NITROANILINE	3900 U	840 U	900 U	820 U	1700 U	1800 U	1900 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	3900 U	840 U	900 U	820 U	1700 U	1800 U	1900 U	1900 U
4-BROMOPHENYL-PHENYLETHER	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
4-CHLORO-3-METHYLPHENOL	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
4-CHLOROANILINE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
4-CHLOROPHENYL-PHENYLETHER	790 U	350 UJ	370 UJ	340 UJ	340 U	370 U	390 U	400 U
4-METHYLPHENOL	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
4-NITROANILINE	3900 U	840 UJ	900 UJ	820 UJ	1700 U	1800 U	1900 U	1900 U
4-NITROPHENOL	3900 U	840 U	900 U	820 U	1700 U	1800 U	1900 U	1900 U
ANILINE	790 U							
BENZOIC ACID	3900 U				1700 U	1800 U	1900 U	1900 U
BENZYL ALCOHOL	790 U				340 U	370 U	390 U	400 U
BIS(2-CHLOROETHOXY)METHANE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
BIS(2-CHLOROETHYL)ETHER	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	790 U	350 U	370 U	340 U	340 U	370 U	390 UJ	400 UJ
BUTYLBENZYLPHTHALATE	790 U	350 UJ	370 UJ	340 UJ	340 U	370 U	390 U	400 U
CARBAZOLE		350 U	370 U	340 U				
DIBENZOFURAN	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-16	M19-05	M19-05	M19-05	MWD13-1	MWD13-1	MWD13-1	MWD13-1
Sample Code	BD13-16 [13.5-14.0]	280-S19-011	280-S19-012	280-S19-013	MWD13-1 [0.5-1.0]	MWD13-1 [7.0-7.5]	MWD13-1 [10.0-10.5]	MWD13-1 [13.0-13.5]
Sampling Date	7/10/1990	11/6/1994	11/6/1994	11/6/1994	7/11/1990	7/11/1990	7/11/1990	7/11/1990
Sampling Depth (feet bgs)	13.5 - 14	.5 - 1.5	2.5 - 3.5	4.5 - 5.5	.5 - 1	7 - 7.5	10 - 10.5	13 - 13.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	FO 1994	FO 1994	FO 1994	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte								
DIETHYLPHTHALATE	790 U	350 UJ	370 UJ	340 UJ	340 U	370 U	390 U	400 U
DIMETHYLPHTHALATE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
DI-N-BUTYLPHTHALATE	790 U	350 UJ	370 UJ	340 UJ	340 U	370 U	390 U	400 U
DI-N-OCTYLPHTHALATE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
HEXACHLOROBENZENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
HEXACHLOROBUTADIENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
HEXACHLOROCYCLOPENTADIENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
HEXACHLOROETHANE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
ISOPHORONE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
NITROBENZENE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
N-NITROSODIMETHYLAMINE	790 U							
N-NITROSO-DI-N-PROPYLAMINE	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U
N-NITROSODIPHENYLAMINE	790 U	350 U	370 U	340 U	340 U	48 JB	390 U	63 JB
PENTACHLOROPHENOL	3900 U	840 U	900 U	820 U	1700 U	1800 U	1900 U	1900 U
PHENOL	790 U	350 U	370 U	340 U	340 U	370 U	390 U	400 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MWD13-2	MWD13-2	MWD13-2	MWD13-2	MWD13-3	MWD13-3	MWD13-3
Sample Code	MWD13-2 [0.5-1.0]	MWD13-2 [1.5-2.0]	MWD13-2 [8.5-9.0]	MWD13-2 [13.0-13.5]	MWD13-3 [0.5-1.0]	MWD13-3 [4.0-4.5]	MWD13-3 [11.5-12.0]
Sampling Date	7/6/1990	7/6/1990	7/27/1990	7/27/1990	7/6/1990	7/6/1990	7/6/1990
Sampling Depth (feet bgs)	.5 - 1	1.5 - 2	8.5 - 9	13 - 13.5	.5 - 1	4 - 4.5	11.5 - 12
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		720 U			690 U	400 U	970 U
1,2-DICHLOROBENZENE		720 U			690 U	400 U	970 U
1,2-DIPHENYLHYDRAZINE		720 U			690 U	400 U	970 U
1,3-DICHLOROBENZENE		720 U			690 U	400 U	970 U
1,4-DICHLOROBENZENE		720 U			690 U	400 U	970 U
2,2'-OXYBIS(1-CHLOROPROPANE)							
2,4,5-TRICHLOROPHENOL		3500 U			3300 U	1900 U	4700 U
2,4,6-TRICHLOROPHENOL		720 U			690 U	400 U	970 U
2,4-DICHLOROPHENOL		720 U			690 U	400 U	970 U
2,4-DIMETHYLPHENOL		720 U			690 U	400 U	970 U
2,4-DINITROPHENOL		3500 U			3300 U	1900 U	4700 U
2,4-DINITROTOLUENE		720 U			690 U	400 U	970 U
2,6-DINITROTOLUENE		720 U			690 U	400 U	970 U
2-CHLORONAPHTHALENE		720 U			690 U	400 U	970 U
2-CHLOROPHENOL		720 U			690 U	400 U	970 U
2-METHYLNAPHTHALENE		720 U			690 U	400 U	970 U
2-METHYLPHENOL		720 U			690 U	400 U	970 U
2-NITROANILINE		3500 U			3300 U	1900 U	4700 U
2-NITROPHENOL		720 U			690 U	400 U	970 U
3,3'-DICHLOROBENZIDINE		1400 U			1400 U	790 U	1900 U
3-NITROANILINE		3500 U			3300 U	1900 U	4700 U
4,6-DINITRO-2-METHYLPHENOL		3500 U			3300 U	1900 U	4700 U
4-BROMOPHENYL-PHENYLETHER		720 U			690 U	400 U	970 U
4-CHLORO-3-METHYLPHENOL		720 U			690 U	400 U	970 U
4-CHLOROANILINE		720 U			690 U	400 U	970 U
4-CHLOROPHENYL-PHENYLETHER		720 U			690 U	400 U	970 U
4-METHYLPHENOL		720 U			690 U	400 U	970 U
4-NITROANILINE		3500 U			3300 U	1900 U	4700 U
4-NITROPHENOL		3500 U			3300 U	1900 U	4700 U
ANILINE		720 U			690 U	400 U	970 U
BENZOIC ACID		3500 U			3300 U	1900 U	4700 U
BENZYL ALCOHOL		720 U			690 U	400 U	970 U
BIS(2-CHLOROETHOXY)METHANE		720 U			690 U	400 U	970 U
BIS(2-CHLOROETHYL)ETHER	720 U	720 U			690 U	400 U	970 U
BIS(2-ETHYLHEXYL)PHTHALATE		890			690 UJ	400 U	970 UJ
BUTYLBENZYLPHTHALATE		720 U			690 U	400 U	970 U
CARBAZOLE							
DIBENZOFURAN		720 U			690 U	400 U	970 U

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MWD13-2	MWD13-2	MWD13-2	MWD13-2	MWD13-3	MWD13-3	MWD13-3
Sample Code	MWD13-2 [0.5-1.0]	MWD13-2 [1.5-2.0]	MWD13-2 [8.5-9.0]	MWD13-2 [13.0-13.5]	MWD13-3 [0.5-1.0]	MWD13-3 [4.0-4.5]	MWD13-3 [11.5-12.0]
Sampling Date	7/6/1990	7/6/1990	7/27/1990	7/27/1990	7/6/1990	7/6/1990	7/6/1990
Sampling Depth (feet bgs)	.5 - 1	1.5 - 2	8.5 - 9	13 - 13.5	.5 - 1	4 - 4.5	11.5 - 12
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							
DIETHYLPHTHALATE		6200			7700	400 U	970 U
DIMETHYLPHTHALATE		720 U			690 U	400 U	970 U
DI-N-BUTYLPHTHALATE		720 U			690 U	400 U	970 UJ
DI-N-OCTYLPHTHALATE		720 U			690 U	400 U	970 U
HEXACHLOROBENZENE		720 U			690 U	400 U	970 U
HEXACHLOROBUTADIENE		720 U			690 U	400 U	970 U
HEXACHLOROCYCLOPENTADIENE		720 U			690 U	400 U	970 U
HEXACHLOROETHANE		720 U			690 U	400 U	970 U
ISOPHORONE		720 U			690 U	400 U	970 U
NITROBENZENE		720 U			690 U	400 U	970 U
N-NITROSODIMETHYLAMINE		720 U			690 U	400 U	970 U
N-NITROSO-DI-N-PROPYLAMINE		720 U			690 U	400 U	970 U
N-NITROSODIPHENYLAMINE		78 BJ			82 JB	48 JB	140 JB
PENTACHLOROPHENOL		640 J			3300 U	1900 U	4700 U
PHENOL		720 U			690 U	400 U	970 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
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Location	MWD13-3
Sample Code	MWD13-3 [14.0-14.5]
Sampling Date	7/6/1990
Sampling Depth (feet bgs)	14 - 14.5
Units	UG/KG
Investigation	PH 1&2A 1991
Analyte	
1,2,4-TRICHLOROBENZENE	390 U
1,2-DICHLOROBENZENE	390 U
1,2-DIPHENYLHYDRAZINE	390 U
1,3-DICHLOROBENZENE	390 U
1,4-DICHLOROBENZENE	390 U
2,2'-OXYBIS(1-CHLOROPROPANE)	
2,4,5-TRICHLOROPHENOL	1900 U
2,4,6-TRICHLOROPHENOL	390 U
2,4-DICHLOROPHENOL	390 U
2,4-DIMETHYLPHENOL	390 U
2,4-DINITROPHENOL	1900 U
2,4-DINITROTOLUENE	390 U
2,6-DINITROTOLUENE	390 U
2-CHLORONAPHTHALENE	390 U
2-CHLOROPHENOL	390 U
2-METHYLNAPHTHALENE	390 U
2-METHYLPHENOL	390 U
2-NITROANILINE	1900 U
2-NITROPHENOL	390 U
3,3'-DICHLOROBENZIDINE	780 U
3-NITROANILINE	1900 U
4,6-DINITRO-2-METHYLPHENOL	1900 U
4-BROMOPHENYL-PHENYLETHER	390 U
4-CHLORO-3-METHYLPHENOL	390 U
4-CHLOROANILINE	390 U
4-CHLOROPHENYL-PHENYLETHER	390 U
4-METHYLPHENOL	390 U
4-NITROANILINE	1900 U
4-NITROPHENOL	1900 U
ANILINE	390 U
BENZOIC ACID	1900 U
BENZYL ALCOHOL	390 U
BIS(2-CHLOROETHOXY)METHANE	390 U
BIS(2-CHLOROETHYL)ETHER	390 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 UJ
BUTYLBENZYLPHTHALATE	390 U
CARBAZOLE	
DIBENZOFURAN	390 U

TABLE E-89: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 20 of 20)

Location	MWD13-3
Sample Code	MWD13-3 [14.0-14.5]
Sampling Date	7/6/1990
Sampling Depth (feet bgs)	14 - 14.5
Units	UG/KG
Investigation	PH 1&2A 1991
Analyte	
DIETHYLPHTHALATE	390 U
DIMETHYLPHTHALATE	390 U
DI-N-BUTYLPHTHALATE	390 U
DI-N-OCTYLPHTHALATE	390 U
HEXACHLOROBENZENE	390 U
HEXACHLOROBUTADIENE	390 U
HEXACHLOROCYCLOPENTADIENE	390 U
HEXACHLOROETHANE	390 U
ISOPHORONE	390 U
NITROBENZENE	390 U
N-NITROSODIMETHYLAMINE	390 U
N-NITROSO-DI-N-PROPYLAMINE	390 U
N-NITROSODIPHENYLAMINE	44 JB
PENTACHLOROPHENOL	1900 U
PHENOL	390 U

Notes:
UG/KG Micrograms per kilogram

TABLE E-90: SITE 19 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S019B001	C3S019B001	C3S019B001	C3S019B001	C3S019B002	C3S019B002	C3S019B002	C3S019B002	C3S019B003
Sample Code	C0591045	C0591046	C0591047	C0591048	C0591049	C0591050	C0591051	C0591052	C0591053
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003
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	0.005 U	0.006 U	0.006 U	6.5 U	5.4 U	0.26 J	1.1 J	0.62 J
ACENAPHTHENE	0.082 U	0.0018 J	0.017 U	0.002 J	6.5 U	5.4 U	5.5 U	0.55 J	5.3 U
ACENAPHTHYLENE	0.082 U	0.004 J	0.017 U	0.0036 J	6.5 U	5.4 U	0.52 J	3.6 J	0.51 J
ANTHRACENE	0.027 U	0.0074	0.006 U	0.0041 J	6.5 U	0.28 J	0.92 J	3.6 J	0.46 J
BENZ(A)ANTHRACENE	0.031 J	0.047 J	0.0061 J	0.021 J	6.5 U	0.32 J	4.1 J	95	2 J
BENZO(A)PYRENE	0.012 J	0.061 J	0.003 J	0.026 J	6.5 U	0.27 J	7.4	140	5.3 U
BENZO(B)FLUORANTHENE	0.015 J	0.063 J	0.0034 J	0.025 J	6.5 U	0.37 J	6.4	72	5.3 U
BENZO(G,H,I)PERYLENE	0.028 J	0.043 J	0.0055 J	0.024 J	14	0.34 J	14	120	25
BENZO(K)FLUORANTHENE	0.027 UJ	0.018 J	0.006 UJ	0.0079 J	6.5 U	0.27 J	8.2	98	5.3 U
CHRYSENE	0.017 J	0.049 J	0.0024 J	0.019 J	1.4 J	0.65 J	7.8	130	2.5 J
DIBENZ(A,H)ANTHRACENE	0.0096 J	0.0071	0.0017 J	0.0041 J	6.5 U	5.4 U	0.83 J	9.2	5.3 U
FLUORANTHENE	0.014 J	0.13 J	0.0043 J	0.029 J	0.45 J	0.91 J	11	140	2.1 J
FLUORENE	0.05 U	0.01 U	0.01 U	0.01 U	6.5 U	5.4 U	0.19 J	1.1 J	0.37 J
INDENO(1,2,3-CD)PYRENE	0.033 J	0.031 J	0.0056 J	0.018 J	1.1 J	0.29 J	12	120	5.3 U
NAPHTHALENE	0.05 U	0.002 J	0.0011 J	0.0023 J	0.29 J	0.27 J	1.2 J	6.8	0.55 J
PHENANTHRENE	0.027 U	0.035	0.0023 J	0.0094	0.81 J	0.89 J	3.3 J	7.7	1 J
PYRENE	0.013 J	0.13 J	0.0047 J	0.045 J	0.59 J	1.1 J	14	240	2.4 J

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-90: SITE 19 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S019B003	C3S019B003	C3S019B003	C3S019B004	C3S019B004	C3S019B004	C3S019B004	C3S019B005	C3S019B005
Sample Code	C0591055	C0591056	C0591057	C0591058	C0591059	C0591060	C0591061	C0591062	C0591063
Sampling Date	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003
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	5.4 U	1.1 J	1.1 J	0.42 J	0.28 J	0.46 J	5.9 U	0.93 J	5.5 U
ACENAPHTHENE	5.4 U	5.8 U	0.29 J	5.6 U	0.33 J	5.5 U	5.9 U	5.3 U	5.5 U
ACENAPHTHYLENE	5.4 U	1.1 J	1.8 J	2.6 J	0.99 J	0.26 J	0.2 J	0.28 J	5.5 U
ANTHRACENE	5.4 U	1.3 J	2.1 J	3.7 J	3.2 J	0.36 J	0.44 J	0.3 J	0.47 J
BENZ(A)ANTHRACENE	5.4 U	5.1 J	9.6	6.6	11	1.7 J	1.8 J	5.3 U	2.1 J
BENZO(A)PYRENE	5.4 U	6.6	12	11	13	3.2 J	2.4 J	5.3 U	2 J
BENZO(B)FLUORANTHENE	5.4 U	6.4	8.2	7.7	7.1	1.8 J	1.3 J	5.3 U	1.6 J
BENZO(G,H,I)PERYLENE	5.4 U	6.3	6.6	120	14	5.2 J	6.3	45	1.6 J
BENZO(K)FLUORANTHENE	5.4 U	5 J	11	9.6	11	2.2 J	2.1 J	5.3 U	1.3 J
CHRYSENE	5.4 U	7.2	12	11	14	2.3 J	2.3 J	3.8 J	1.9 J
DIBENZ(A,H)ANTHRACENE	5.4 U	0.96 J	2 J	6.2	1 J	0.45 J	5.9 U	5.3 U	0.35 J
FLUORANTHENE	0.35 J	10	15	13	30	3.1 J	3.8 J	0.44 J	4.3 J
FLUORENE	5.4 U	5.8 U	0.66 J	0.26 J	0.84 J	5.5 U	5.9 U	0.7 J	5.5 U
INDENO(1,2,3-CD)PYRENE	5.4 U	5.7 J	7.4	46	16	4.1 J	2.1 J	5.3 U	1.7 J
NAPHTHALENE	0.28 J	1.4 J	1.1 J	1.1 J	1.1 J	1.1 J	0.84 J	0.77 J	0.32 J
PHENANTHRENE	5.4 U	6.2	7.8	5.3 J	16	1.1 J	1.7 J	0.72 J	1.4 J
PYRENE	5.4 U	11	18	16	39	4.4 J	6.6	1.5 J	4.5 J

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-90: SITE 19 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S019B005	C3S019B005	C3S019B006	C3S019B006	C3S019B006	C3S019B006	C3S019B007	C3S019B007	C3S019B007
Sample Code	C0591065	C0591066	C0591067	C0591068	C0591069	C0591070	C0591071	C0591072	C0591073
Sampling Date	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003
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	6.9 U	1.3 J	0.78 J	5.5 U	5.6 U	7.7	0.32 J	6.2 U	5.9 U
ACENAPHTHENE	6.9 U	1.3 J	5.2 U	5.5 U	5.6 U	1.4 J	5.8 U	6.2 U	5.9 U
ACENAPHTHYLENE	6.9 U	8.9	0.2 J	5.5 U	5.6 U	3.8 J	5.8 U	6.2 U	5.9 U
ANTHRACENE	0.47 J	13	0.36 J	5.5 U	5.6 U	17	5.8 U	6.2 U	5.9 U
BENZ(A)ANTHRACENE	2 J	76	5.2 U	5.5 U	1.1 J	39	0.24 J	6.2 U	1.1 J
BENZO(A)PYRENE	2.9 J	120	10	5.5 U	1.2 J	79	1.6 J	0.23 J	1.3 J
BENZO(B)FLUORANTHENE	2.4 J	76	9.5	5.5 U	0.71 J	96	1.5 J	0.34 J	1 J
BENZO(G,H,I)PERYLENE	2.6 J	90	49	0.2 J	1.3 J	63	30	0.59 J	1.7 J
BENZO(K)FLUORANTHENE	1.8 J	74	1.5 J	5.5 U	1.3 J	42	0.78 J	0.2 J	1.3 J
CHRYSENE	2.4 J	89	35	0.21 J	1.3 J	200	3.9 J	0.38 J	1.5 J
DIBENZ(A,H)ANTHRACENE	6.9 U	12	8	5.5 U	5.6 U	23	5.8 U	6.2 U	5.9 U
FLUORANTHENE	5.1 J	130	1.6 J	5.5 U	2.2 J	69	1.1 J	0.47 J	1.9 J
FLUORENE	6.9 U	2.4 J	0.36 J	5.5 U	5.6 U	6.3 J	0.24 J	6.2 U	5.9 U
INDENO(1,2,3-CD)PYRENE	2.4 J	93	3.8 J	5.5 U	1.2 J	71	2 J	0.39 J	1.1 J
NAPHTHALENE	0.38 J	4.1 J	0.92 J	5.5 U	0.29 J	13	0.49 J	0.27 J	0.27 J
PHENANTHRENE	2.4 J	45	1.6 J	0.37 J	0.74 J	67	1.1 J	0.5 J	0.75 J
PYRENE	5.6 J	160	4.5 J	0.24 J	2.8 J	100	1.7 J	0.51 J	2.1 J

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-90: SITE 19 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S019B007	C3S019B008	C3S019B008	C3S019B008	C3S019B008	C3S019B009	C3S019B009	C3S019B009	C3S019B009
Sample Code	C0591075	C0591076	C0591077	C0591078	C0591079	C0591080	C0591081	C0591082	C0591083
Sampling Date	8/1/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003
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	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	0.38 J	0.026 U	0.005 U	0.005 U	0.006 U	0.51 J	6.1	0.96 J	0.3 J
ACENAPHTHENE	5.9 U	0.026 UJ	0.016 UJ	0.016 UJ	0.018 UJ	0.97 J	1 J	6.4 U	5.9 U
ACENAPHTHYLENE	0.28 J	0.026 U	0.016 U	0.016 U	0.018 U	0.28 J	19	0.89 J	0.3 J
ANTHRACENE	0.64 J	0.026 UJ	0.005 UJ	0.005 UJ	0.006 UJ	5.9 U	47	0.53 J	0.3 J
BENZ(A)ANTHRACENE	1.9 J	0.026 UJ	0.005 J	0.0063 J	0.0054 J	21	320	6.1 J	1.5 J
BENZO(A)PYRENE	3.7 J	0.026 UJ	0.005 UJ	0.0035 J	0.0022 J	29	520	7.3	2.4 J
BENZO(B)FLUORANTHENE	2.2 J	0.026 UJ	0.0022 J	0.0037 J	0.0021 J	38	280	6.1 J	1.4 J
BENZO(G,H,I)PERYLENE	6.4	0.026 UJ	0.005 UJ	0.0031 J	0.0046 J	35	400	9	4.9 J
BENZO(K)FLUORANTHENE	3.6 J	0.026 UJ	0.005 UJ	0.005 UJ	0.006 UJ	32	330	10	1.5 J
CHRYSENE	2.7 J	0.026 UJ	0.002 J	0.0026 J	0.006 UJ	37	420	11	2.3 J
DIBENZ(A,H)ANTHRACENE	5.9 U	0.026 U	0.005 U	0.005 U	0.006 U	3.4 J	40	1.2 J	5.9 U
FLUORANTHENE	4.4 J	0.026 UJ	0.0026 J	0.0035 J	0.0024 J	64	640	12	2.5 J
FLUORENE	0.26 J	0.026 U	0.01 U	0.01 U	0.01 U	1.3 J	6.4	0.36 J	5.9 U
INDENO(1,2,3-CD)PYRENE	3.7 J	0.026 UJ	0.005 J	0.0056 J	0.0054 J	23	470	9.6	1.6 J
NAPHTHALENE	0.92 J	0.026 U	0.01 U	0.01 U	0.01 U	0.85 J	25	1.7 J	0.61 J
PHENANTHRENE	1.8 J	0.026 UJ	0.005 UJ	0.005 UJ	0.006 UJ	40	170	6.1 J	1.3 J
PYRENE	8.4	0.026 UJ	0.003 J	0.0055 J	0.0037 J	54	710	13	2.7 J

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-90: SITE 19 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S019B010	C3S019B010	C3S019B010	C3S019B010	C3S019B011	C3S019B011	C3S019B011	C3S019B011	C3S019B012
Sample Code	C0591085	C0591086	C0591087	C0591088	C0591089	C0591090	C0591091	C0591092	C0591093
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003
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	0.05 U	0.026 U	0.026 U	0.03 U	0.74 J	0.44 J	0.38 J	0.44 J	0.93 J
ACENAPHTHENE	0.05 UJ	0.026 UJ	0.026 UJ	0.03 UJ	5.4 U	0.3 J	5.5 U	0.3 J	0.36 J
ACENAPHTHYLENE	0.05 U	0.026 U	0.026 U	0.03 U	0.55 J	0.55 J	0.35 J	0.73 J	0.61 J
ANTHRACENE	0.05 UJ	0.026 UJ	0.026 UJ	0.03 UJ	1.4 J	0.82 J	0.4 J	1.8 J	0.98 J
BENZ(A)ANTHRACENE	0.053 J	0.024 J	0.034 J	0.028 J	4.8 J	4.5 J	1.8 J	7.8	8
BENZO(A)PYRENE	0.019 J	0.026 UJ	0.015 J	0.03 UJ	9.2	8.6	4 J	13	13
BENZO(B)FLUORANTHENE	0.022 J	0.026 UJ	0.015 J	0.03 UJ	5.9	5.5	2.5 J	7	20
BENZO(G,H,I)PERYLENE	0.043 J	0.026 UJ	0.021 J	0.03 UJ	14	16	4.6 J	16	25
BENZO(K)FLUORANTHENE	0.05 UJ	0.026 UJ	0.026 UJ	0.03 UJ	7.7	6.1	2.9 J	9.4	7.4
CHRYSENE	0.019 J	0.026 UJ	0.015 J	0.011 J	7.6	6.6	2.2 J	11	43
DIBENZ(A,H)ANTHRACENE	0.05 U	0.026 U	0.026 U	0.03 U	1.1 J	1 J	5.5 U	1.2 J	10
FLUORANTHENE	0.02 J	0.026 UJ	0.018 J	0.03 UJ	11	9.7	3.3 J	13	11
FLUORENE	0.05 U	0.026 U	0.026 U	0.03 U	0.52 J	0.45 J	5.5 U	0.3 J	0.37 J
INDENO(1,2,3-CD)PYRENE	0.041 J	0.026 UJ	0.022 J	0.03 UJ	12	12	2.7 J	12	9.2
NAPHTHALENE	0.05 U	0.026 U	0.026 U	0.03 U	1.2 J	1 J	0.97 J	1.3 J	0.9 J
PHENANTHRENE	0.05 UJ	0.026 UJ	0.026 UJ	0.03 UJ	6.9	4.4 J	1.5 J	5.2 J	7.2
PYRENE	0.024 J	0.011 J	0.027 J	0.019 J	17	13	5.4 J	20	23

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-90: SITE 19 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S019B012	C3S019B012	C3S019B012	C3S019B013	C3S019B013	C3S019B013	C3S019B013
Sample Code	C0591095	C0591096	C0591097	C0591098	C0591099	C0591100	C0591101
Sampling Date	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003
Sampling Depth (feet bgs)	.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
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte							
2-METHYLNAPHTHALENE	0.36 J	5.7 U	0.79 J	0.93 J	0.32 J	3.7 J	6.3 U
ACENAPHTHENE	5.4 U	5.7 U	5.8 U	5.4 U	5.3 U	0.5 J	6.3 U
ACENAPHTHYLENE	0.22 J	0.22 J	0.52 J	0.26 J	0.3 J	2.7 J	6.3 U
ANTHRACENE	0.34 J	0.27 J	0.54 J	0.3 J	0.36 J	4.9 J	6.3 U
BENZ(A)ANTHRACENE	1.7 J	1.4 J	4.1 J	2.4 J	1.9 J	20	6.3 U
BENZO(A)PYRENE	2.7 J	3 J	10	7.9	2.2 J	24	6.3 U
BENZO(B)FLUORANTHENE	2 J	2 J	9.3	7.5	2 J	21	6.3 U
BENZO(G,H,I)PERYLENE	3 J	3.6 J	25	50	4.2 J	27	6.3 U
BENZO(K)FLUORANTHENE	2.1 J	1.9 J	6.8	2 J	2.7 J	30	6.3 U
CHRYSENE	2.5 J	2 J	13	21	4.1 J	37	0.2 J
DIBENZ(A,H)ANTHRACENE	5.4 U	5.7 U	2.1 J	6.3	0.3 J	3.3 J	6.3 U
FLUORANTHENE	3.3 J	3 J	6.8	4.3 J	4.7 J	46	6.3 U
FLUORENE	5.4 U	5.7 U	0.25 J	0.24 J	5.3 U	2.3 J	6.3 U
INDENO(1,2,3-CD)PYRENE	2 J	2.3 J	17	6.5	2.2 J	27	6.3 U
NAPHTHALENE	0.69 J	0.6 J	1.7 J	1.2 J	0.62 J	7.5	0.31 J
PHENANTHRENE	1.8 J	1.2 J	3.6 J	3.6 J	2.1 J	30	0.29 J
PYRENE	5.1 J	4.1 J	21	6.6	5.3 J	47	0.16 J

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
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Location	B19-17	B19-17	B19-18	B19-18	B19-19	B19-19
Sample Code	280-S19-002	280-S19-003	280-S19-005	280-S19-006	280-S19-009	280-S19-010
Sampling Date	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994
Sampling Depth (feet bgs)	2.5 - 3.5	5 - 6	2 - 3	4.5 - 5.5	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 U	12 U	11 U	12 U	11 U	10 U
1,1,2,2-TETRACHLOROETHANE	11 U	12 U	11 U	12 U	11 U	10 U
1,1,2-TRICHLOROETHANE	11 U	12 U	11 U	12 U	11 U	10 U
1,1-DICHLOROETHANE	11 U	12 U	11 U	12 U	11 U	10 U
1,1-DICHLOROETHENE	11 U	12 U	11 U	12 U	11 U	10 U
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE	11 U	12 U	11 U	12 U	11 U	10 U
1,2-DICHLOROETHENE (TOTAL)	11 U	12 U	11 U	12 U	11 U	10 U
1,2-DICHLOROPROPANE	11 U	12 U	11 U	12 U	11 U	10 U
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE	11 U	12 U	11 U	12 U	11 U	10 U
2-CHLOROETHYLVINYLETHER						
2-HEXANONE	11 U	12 U	11 U	12 U	11 U	10 U
4-METHYL-2-PENTANONE	11 U	12 U	11 U	12 U	11 U	10 U
ACETONE	160 UJ	25 UJ	36 UJ	27 UJ	18 UJ	21 UJ
BENZENE	11 U	12 U	11 U	12 U	11 U	10 U
BROMODICHLOROMETHANE	11 U	12 U	11 U	12 U	11 U	10 U
BROMOFORM	11 U	12 U	11 U	12 U	11 U	10 U
BROMOMETHANE	11 U	12 U	11 U	12 U	11 U	10 U
CARBON DISULFIDE	11 U	12 U	11 U	12 U	11 U	10 U
CARBON TETRACHLORIDE	11 U	12 U	11 U	12 U	11 U	10 U
CHLOROBENZENE	11 U	12 U	11 U	12 U	11 U	10 U
CHLOROETHANE	11 U	12 U	11 U	12 U	11 U	10 UJ
CHLOROFORM	11 U	12 U	11 U	12 U	11 U	10 U
CHLOROMETHANE	11 U	12 U	11 U	12 U	11 U	10 U
CIS-1,2-DICHLOROETHENE						
CIS-1,3-DICHLOROPROPENE	11 U	12 U	11 U	12 U	11 U	10 U
DIBROMOCHLOROMETHANE	11 U	12 U	11 U	12 U	11 U	10 U
ETHYLBENZENE	11 U	12 U	11 U	12 U	11 U	10 U
HEXANE						
M,P-XYLENE						
METHYLENE CHLORIDE	11 U	12 UJ	11 U	12 UJ	11 UJ	10 U
METHYL-T-BUTYL ETHER						
O-XYLENE						
STYRENE	11 U	12 U	11 U	12 U	11 U	10 U
TETRACHLOROETHENE	11 U	12 U	11 U	12 U	11 U	10 U
TOLUENE	11 U	12 U	11 U	12 U	11 U	10 U
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE	11 U	12 U	11 U	12 U	11 U	10 U
TRICHLOROETHENE	11 U	12 U	11 U	12 U	11 U	10 U
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE	11 U	12 U	11 U	12 U	11 U	10 U
XYLENE (TOTAL)	11 U	12 U	11 U	12 U	11 U	10 U

Notes:
UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-5	BD13-5	BD13-5	BD13-5	BD13-5
Sample Code	BD13-5 [2.0-2.5]	BD13-5 [5.0-5.5]	BD13-5 [9.5-10.0]	BD13-5 [11.0-11.5]	BD13-5 [14.0-14.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	2 - 2.5	5 - 5.5	9.5 - 10	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	5.4 U	6 U	5.9 U	5.9 U	5.9 U
1,1,2,2-TETRACHLOROETHANE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
1,1,2-TRICHLOROETHANE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
1,1-DICHLOROETHANE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
1,1-DICHLOROETHENE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
1,2-DICHLOROETHENE (TOTAL)	5.4 U	6 U	5.9 U	5.9 U	5.9 U
1,2-DICHLOROPROPANE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	11 U	12 U	12 U	12 U	12 U
2-CHLOROETHYLVINYLETHER					
2-HEXANONE	11 U	12 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
ACETONE	11 U	17 UJ	12 U	12 U	12 U
BENZENE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
BROMODICHLOROMETHANE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
BROMOFORM	5.4 U	6 U	5.9 U	5.9 U	5.9 U
BROMOMETHANE	11 U	12 U	12 U	12 U	12 U
CARBON DISULFIDE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
CARBON TETRACHLORIDE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
CHLOROBENZENE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
CHLOROETHANE	11 U	12 U	12 U	12 U	12 U
CHLOROFORM	5.4 U	6 U	5.9 U	5.9 U	5.9 U
CHLOROMETHANE	11 U	12 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
DIBROMOCHLOROMETHANE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
ETHYLBENZENE	5.4 U	6 U	8	5.9 U	5.9 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	16 UJ	19 UJ	20 UJ	17 UJ	14 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
TETRACHLOROETHENE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
TOLUENE	22	74	56	11	13
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
TRICHLOROETHENE	5.4 U	6 U	5.9 U	5.9 U	5.9 U
TRICHLOROFLUOROMETHANE					
VINYL ACETATE	11 U	12 U	12 U	12 U	12 U
VINYL CHLORIDE	11 U	12 U	12 U	12 U	12 U
XYLENE (TOTAL)	21	6 U	51	5.9 U	5.9 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-6	BD13-6	BD13-6	BD13-6	BD13-6
Sample Code	BD13-6 [2.0-2.5]	BD13-6 [5.0-5.5]	BD13-6 [8.0-8.5]	BD13-6 [11.0-11.5]	BD13-6 [14.0-14.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	2 - 2.5	5 - 5.5	8 - 8.5	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	5.2 U	5.9 U	6 U	6 U	5.9 U
1,1,2,2-TETRACHLOROETHANE	5.2 U	5.9 U	6 U	6 U	5.9 U
1,1,2-TRICHLOROETHANE	5.2 U	5.9 U	6 U	6 U	5.9 U
1,1-DICHLOROETHANE	5.2 U	5.9 U	6 U	6 U	5.9 U
1,1-DICHLOROETHENE	5.2 U	5.9 U	6 U	6 U	5.9 U
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	5.2 U	5.9 U	6 U	6 U	5.9 U
1,2-DICHLOROETHENE (TOTAL)	5.2 U	5.9 U	6 U	6 U	5.9 U
1,2-DICHLOROPROPANE	5.2 U	5.9 U	6 U	6 U	5.9 U
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	10 U	12 U	12 U	12 U	12 U
2-CHLOROETHYLVINYLETHER					
2-HEXANONE	10 U	12 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	5.2 U	5.9 U	6 U	6 U	5.9 U
ACETONE	10 U	12 U	17 UJ	12 U	12 U
BENZENE	5.2 U	5.9 U	6 U	6 U	5.9 U
BROMODICHLOROMETHANE	5.2 U	5.9 U	6 U	6 U	5.9 U
BROMOFORM	5.2 U	5.9 U	6 U	6 U	5.9 U
BROMOMETHANE	10 U	12 U	12 U	12 U	12 U
CARBON DISULFIDE	5.2 U	5.9 U	6 U	6 U	5.9 U
CARBON TETRACHLORIDE	5.2 U	5.9 U	6 U	6 U	5.9 U
CHLOROBENZENE	5.2 U	5.9 U	6 U	6 U	5.9 U
CHLOROETHANE	10 U	12 U	12 U	12 U	12 U
CHLOROFORM	5.2 U	5.9 U	6 U	6 U	5.9 U
CHLOROMETHANE	10 U	12 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	5.2 U	5.9 U	6 U	6 U	5.9 U
DIBROMOCHLOROMETHANE	5.2 U	5.9 U	6 U	6 U	5.9 U
ETHYLBENZENE	5.2 U	5.9 U	6 U	6 U	6
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	28 UJ	21 UJ	28 UJ	18 UJ	34 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	5.2 U	5.9 U	6 U	6 U	5.9 U
TETRACHLOROETHENE	5.2 U	5.9 U	6 U	6 U	5.9 U
TOLUENE	10	100	35	27	36
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5.2 U	5.9 U	6 U	6 U	5.9 U
TRICHLOROETHENE	5.2 U	5.9 U	6 U	6 U	5.9 U
TRICHLOROFLUOROMETHANE					
VINYL ACETATE	10 U	12 U	12 U	12 U	12 U
VINYL CHLORIDE	10 U	12 U	12 U	12 U	12 U
XYLENE (TOTAL)	5.2 U	5.9 U	6 U	13	45

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-7	BD13-7	BD13-7	BD13-7	BD13-7
Sample Code	BD13-7 [1.5-2.0]	BD13-7 [4.5-5.0]	BD13-7 [8.0-8.5]	BD13-7 [11.0-11.5]	BD13-7 [14.0-14.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	1.5 - 2	4.5 - 5	8 - 8.5	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	6.2 U	11 U	5.8 U	5.8 U	6 U
1,1,2,2-TETRACHLOROETHANE	6.2 U	11 U	5.8 U	5.8 U	6 U
1,1,2-TRICHLOROETHANE	6.2 U	11 U	5.8 U	5.8 U	6 U
1,1-DICHLOROETHANE	6.2 U	11 U	5.8 U	5.8 U	6 U
1,1-DICHLOROETHENE	6.2 U	11 U	5.8 U	5.8 U	6 U
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	6.2 U	11 U	5.8 U	5.8 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6.2 U	11 U	5.8 U	5.8 U	6 U
1,2-DICHLOROPROPANE	6.2 U	11 U	5.8 U	5.8 U	6 U
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	12 U	23 U	12 U	12 U	12 U
2-CHLOROETHYLVINYLETHER					
2-HEXANONE	12 U	23 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	6.2 U	11 U	5.8 U	5.8 U	6 U
ACETONE	12 U	23 U	20 UJ	12 U	12 U
BENZENE	6.2 U	11 U	5.8 U	5.8 U	6 U
BROMODICHLOROMETHANE	6.2 U	11 U	5.8 U	5.8 U	6 U
BROMOFORM	6.2 U	11 U	5.8 U	5.8 U	6 U
BROMOMETHANE	12 U	23 U	12 U	12 U	12 U
CARBON DISULFIDE	6.2 U	11 U	5.8 U	5.8 U	6 U
CARBON TETRACHLORIDE	6.2 U	11 U	5.8 U	5.8 U	6 U
CHLOROBENZENE	6.2 U	11 U	5.8 U	5.8 U	6 U
CHLOROETHANE	12 U	23 U	12 U	12 U	12 U
CHLOROFORM	6.2 U	11 U	5.8 U	5.8 U	6 U
CHLOROMETHANE	12 U	23 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	6.2 U	11 U	5.8 U	5.8 U	6 U
DIBROMOCHLOROMETHANE	6.2 U	11 U	5.8 U	5.8 U	6 U
ETHYLBENZENE	6.2 U	11 U	5.8 U	5.8 U	6 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	31 UJ	32 UJ	37 UJ	34 UJ	33 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6.2 U	11 U	5.8 U	5.8 U	6 U
TETRACHLOROETHENE	6.2 U	11 U	5.8 U	5.8 U	6 U
TOLUENE	58	280	10	49	17
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6.2 U	11 U	5.8 U	5.8 U	6 U
TRICHLOROETHENE	6.2 U	11 U	5.8 U	5.8 U	6 U
TRICHLOROFLUOROMETHANE					
VINYL ACETATE	12 U	23 U	12 U	12 U	12 U
VINYL CHLORIDE	12 U	23 U	12 U	12 U	12 U
XYLENE (TOTAL)	6.2 U	11 U	5.8 U	5.8 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-8	BD13-8	BD13-8	BD13-8	BD13-8
Sample Code	BD13-8 [2.5-3.0]	BD13-8 [6.0-6.5]	BD13-8 [10.5-11.0]	BD13-8 [12.5-13.0]	BD13-8 [14.5-15.0]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	2.5 - 3	6 - 6.5	10.5 - 11	12.5 - 13	14.5 - 15
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	6 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,1,2-TRICHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHENE	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROBENZENE	340 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROPROPANE	5 U	6 U	6 U	6 U	6 U
1,3-DICHLOROBENZENE	340 U	6 U	6 U	6 U	6 U
1,4-DICHLOROBENZENE	340 U	6 U	6 U	6 U	6 U
2-BUTANONE	10 U	13 U	12 UJ	12 U	12 U
2-CHLOROETHYLVINYLETHER	10 U	13 U	12 U	12 U	12 U
2-HEXANONE	10 U	13 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	10 U	13 U	12 U	12 U	12 U
ACETONE	32 UJ	59 UJ	99 UJ	27 UJ	12 UJ
BENZENE	5 U	6 U	6 U	6 U	6 U
BROMODICHLOROMETHANE	5 U	6 U	6 U	6 U	6 U
BROMOFORM	5 U	6 U	6 U	6 U	6 U
BROMOMETHANE	10 U	13 U	12 U	12 U	12 U
CARBON DISULFIDE	5 U	6 U	6 U	6 U	6 U
CARBON TETRACHLORIDE	5 U	6 U	6 U	6 U	6 U
CHLOROBENZENE	5 U	6 U	6 U	6 U	6 U
CHLOROETHANE	10 U	13 U	12 U	12 U	12 U
CHLOROFORM	5 U	6 U	6 U	6 U	6 U
CHLOROMETHANE	10 U	13 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	5 U	6 U	6 U	6 U	6 U
DIBROMOCHLOROMETHANE	5 U	6 U	6 U	6 U	6 U
ETHYLBENZENE	5 U	6 U	6 U	6 U	6 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	9 UJ	11 UJ	13 UJ	14 UJ	9 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	5 U	6 U	6 U	6 U	6 U
TETRACHLOROETHENE	5 U	6 U	6 U	6 U	6 U
TOLUENE	39	5 J	22	19	28
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5 U	6 U	6 U	6 U	6 U
TRICHLOROETHENE	5 U	6 U	6 U	6 U	6 U
TRICHLOROFLUOROMETHANE	5 U	6 U	6 U	6 U	6 U
VINYL ACETATE	10 U	13 U	12 U	12 U	12 U
VINYL CHLORIDE	10 U	13 U	12 U	12 U	12 U
XYLENE (TOTAL)	5 U	6 U	6 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-9	BD13-9	BD13-9	BD13-9	BD13-9
Sample Code	BD13-9 [2.0-2.5]	BD13-9 [5.0-5.5]	BD13-9 [8.5-9.0]	BD13-9 [11.5-12.0]	BD13-9 [14.0-14.5]
Sampling Date	7/3/1990	7/3/1990	7/5/1990	7/18/1990	7/3/1990
Sampling Depth (feet bgs)	2 - 2.5	5 - 5.5	8.5 - 9	11.5 - 12	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	5 U	6 U	6 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,1,2-TRICHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHENE	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROBENZENE	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROPROPANE	5 U	6 U	6 U	6 U	6 U
1,3-DICHLOROBENZENE	5 U	6 U	6 U	6 U	6 U
1,4-DICHLOROBENZENE	5 U	6 U	6 U	6 U	6 U
2-BUTANONE	11 U	12 U	4 J	12 U	12 U
2-CHLOROETHYLVINYLETHER	11 U	12 U	12 U	12 U	12 U
2-HEXANONE	11 U	12 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	11 U	12 U	12 U	12 U	12 U
ACETONE	46 UJ	55 UJ	37 B	60 UJ	20 UJ
BENZENE	5 U	6 U	6 U	6 U	6 U
BROMODICHLOROMETHANE	5 U	6 U	6 U	6 U	6 U
BROMOFORM	5 U	6 U	6 U	6 U	6 U
BROMOMETHANE	11 U	12 U	12 U	12 U	12 U
CARBON DISULFIDE	5 U	6 U	6 U	6 U	6 U
CARBON TETRACHLORIDE	5 U	6 U	6 U	6 U	6 U
CHLOROBENZENE	5 U	6 U	6 U	6 U	6 U
CHLOROETHANE	11 U	12 U	12 U	12 U	12 U
CHLOROFORM	5 U	6 U	6 U	6 U	6 U
CHLOROMETHANE	11 U	12 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	5 U	6 U	6 U	6 U	6 U
DIBROMOCHLOROMETHANE	5 U	6 U	6 U	6 U	6 U
ETHYLBENZENE	5 U	6 U	6 U	6 U	6 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	14 UJ	17 UJ	18 B	14 UJ	15 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	5 U	6 U	6 U	6 U	6 U
TETRACHLOROETHENE	5 U	6 U	6 U	6 U	6 U
TOLUENE	48	20	31	21	5 J
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5 U	6 U	6 U	6 U	6 U
TRICHLOROETHENE	5 U	6 U	6 U	6 U	6 U
TRICHLOROFLUOROMETHANE	5 U	6 U	6 U	6 U	6 U
VINYL ACETATE	11 U	12 U	12 U	12 U	12 U
VINYL CHLORIDE	11 U	12 U	12 U	12 U	12 U
XYLENE (TOTAL)	5 U	6 U	6 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-10	BD13-10	BD13-10	BD13-10	BD13-10
Sample Code	BD13-10 [2.0-2.5]	BD13-10 [4.5-5.0]	BD13-10 [7.5-8.0]	BD13-10 [10.5-11.0]	BD13-10 [13.5-14.0]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	2 - 2.5	4.5 - 5	7.5 - 8	10.5 - 11	13.5 - 14
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	8 U	6 U	6 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	8 U	6 U	6 U	6 U	6 U
1,1,2-TRICHLOROETHANE	8 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHANE	8 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHENE	8 U	6 U	6 U	6 U	6 U
1,2-DICHLOROBENZENE	520 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHANE	8 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	8 U	6 U	6 U	6 U	6 U
1,2-DICHLOROPROPANE	8 U	6 U	6 U	6 U	6 U
1,3-DICHLOROBENZENE	520 U	6 U	6 U	6 U	6 U
1,4-DICHLOROBENZENE	520 U	6 U	6 U	6 U	6 U
2-BUTANONE	16 U	11 U	12 U	12 U	12 U
2-CHLOROETHYLVINYLETHER	16 U	11 U	12 U	12 U	12 U
2-HEXANONE	16 U	11 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	16 U	11 U	12 U	12 U	12 U
ACETONE	4 BJ	11 UJ	12 UJ	12 UJ	12 UJ
BENZENE	8 U	6 U	6 U	6 U	6 U
BROMODICHLOROMETHANE	8 U	6 U	6 U	6 U	6 U
BROMOFORM	8 U	6 U	6 U	6 U	6 U
BROMOMETHANE	16 U	11 U	12 U	12 U	12 U
CARBON DISULFIDE	8 U	6 U	6 U	6 U	6 U
CARBON TETRACHLORIDE	8 U	6 U	6 U	6 U	6 U
CHLOROBENZENE	8 U	6 U	6 U	6 U	6 U
CHLOROETHANE	16 U	11 U	12 U	12 U	12 U
CHLOROFORM	8 U	6 U	6 U	6 U	6 U
CHLOROMETHANE	16 U	11 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	8 U	6 U	6 U	6 U	6 U
DIBROMOCHLOROMETHANE	8 U	6 U	6 U	6 U	6 U
ETHYLBENZENE	8 U	6 U	6 U	6 U	6 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	30 B	19 UJ	17 UJ	17 UJ	21 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	8 U	6 U	6 U	6 U	6 U
TETRACHLOROETHENE	4 J	2 J	6 U	6 U	6 U
TOLUENE	5 J	24	11	46	20
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	8 U	6 U	6 U	6 U	6 U
TRICHLOROETHENE	4 J	6 U	6 U	6 U	6 U
TRICHLOROFLUOROMETHANE	8 U	6 U	6 U	6 U	6 U
VINYL ACETATE	16 U	11 U	12 U	12 U	12 U
VINYL CHLORIDE	16 U	11 U	12 U	12 U	12 U
XYLENE (TOTAL)	3 J	6 U	6 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-11	BD13-11	BD13-11	BD13-11	BD13-11
Sample Code	BD13-11 [2.5-3.0]	BD13-11 [6.0-6.5]	BD13-11 [9.0-9.5]	BD13-11 [12.5-13.0]	BD13-11 [15.0-15.5]
Sampling Date	7/10/1990	7/10/1990	7/10/1990	7/10/1990	7/9/1990
Sampling Depth (feet bgs)	2.5 - 3	6 - 6.5	9 - 9.5	12.5 - 13	15 - 15.5
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	5 U	1 J	6 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,1,2-TRICHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHENE	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROBENZENE	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHANE	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5 U	6 U	6 U	6 U	6 U
1,2-DICHLOROPROPANE	5 U	6 U	6 U	6 U	6 U
1,3-DICHLOROBENZENE	5 U	6 U	6 U	6 U	6 U
1,4-DICHLOROBENZENE	5 U	6 U	6 U	6 U	6 U
2-BUTANONE	10 UJ	11 U	13 U	12 U	12 U
2-CHLOROETHYLVINYLETHER	10 U	11 U	13 U	12 U	12 U
2-HEXANONE	10 U	11 U	13 U	12 U	12 U
4-METHYL-2-PENTANONE	10 U	11 U	13 U	12 U	12 U
ACETONE	59 UJ	19 UJ	18 UJ	39 UJ	12 UJ
BENZENE	5 U	6 U	6 U	6 U	6 U
BROMODICHLOROMETHANE	5 U	6 U	6 U	6 U	6 U
BROMOFORM	5 U	6 U	6 U	6 U	6 U
BROMOMETHANE	10 U	11 U	13 U	12 U	12 U
CARBON DISULFIDE	5 U	6 UJ	6 U	6 U	6 U
CARBON TETRACHLORIDE	5 U	6 U	6 U	6 U	6 U
CHLOROBENZENE	5 U	6 U	6 U	6 U	6 U
CHLOROETHANE	10 U	11 U	13 U	12 U	12 U
CHLOROFORM	5 U	6 U	6 U	6 U	6 U
CHLOROMETHANE	10 U	11 U	13 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	5 U	6 U	6 U	6 U	6 U
DIBROMOCHLOROMETHANE	5 U	6 U	6 U	6 U	6 U
ETHYLBENZENE	5 U	6 U	6 U	6 U	6 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	8 UJ	13 UJ	11 UJ	13 UJ	9 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	5 U	6 U	6 U	6 U	6 U
TETRACHLOROETHENE	5 U	6 U	6 U	6 U	6 U
TOLUENE	8	150	55	21	14
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5 U	6 U	6 U	6 U	6 U
TRICHLOROETHENE	5 U	6 U	6 U	6 U	6 U
TRICHLOROFLUOROMETHANE	5 U	6 U	6 U	6 U	6 U
VINYL ACETATE	10 U	11 U	13 U	12 U	12 U
VINYL CHLORIDE	10 U	11 U	13 U	12 U	12 U
XYLENE (TOTAL)	5 U	6 U	6 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-12	BD13-12	BD13-12	BD13-12	BD13-12
Sample Code	BD13-12 [2.0-2.5]	BD13-12 [5.0-5.5]	BD13-12 [8.5-9.0]	BD13-12 [10.5-11.0]	BD13-12 [12.0-12.5]
Sampling Date	7/9/1990	7/9/1990	7/9/1990	7/9/1990	7/9/1990
Sampling Depth (feet bgs)	2 - 2.5	5 - 5.5	8.5 - 9	10.5 - 11	12 - 12.5
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	5.2 U	6.1 U	6.5 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	5.2 U	6.1 U	6.5 U	6 U	6 U
1,1,2-TRICHLOROETHANE	5.2 U	6.1 U	6.5 U	6 U	6 U
1,1-DICHLOROETHANE	5.2 U	6.1 U	6.5 U	6 U	6 U
1,1-DICHLOROETHENE	5.2 U	6.1 U	6.5 U	6 U	6 U
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	5.2 U	6.1 U	6.5 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5.2 U	6.1 U	6.5 U	6 U	6 U
1,2-DICHLOROPROPANE	5.2 U	6.1 U	6.5 U	6 U	6 U
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	10 U	12 U	13 U	12 U	12 U
2-CHLOROETHYLVINYLETHER				6 U	6 U
2-HEXANONE	10 U	12 U	13 U	12 U	12 U
4-METHYL-2-PENTANONE	5.2 U	6.1 U	6.5 U	6 U	6 U
ACETONE	10 U	12 U	23 UJ	12 UJ	12 U
BENZENE	5.2 U	6.1 U	6.5 U	6 U	6 U
BROMODICHLOROMETHANE	5.2 U	6.1 U	6.5 U	6 U	6 U
BROMOFORM	5.2 U	6.1 U	6.5 U	6 U	6 U
BROMOMETHANE	10 U	12 U	13 U	12 U	12 U
CARBON DISULFIDE	5.2 U	6.1 U	6.5 U	6 U	6 U
CARBON TETRACHLORIDE	5.2 U	6.1 U	6.5 U	6 U	6 U
CHLOROBENZENE	5.2 U	6.1 U	6.5 U	6 U	6 U
CHLOROETHANE	10 U	12 U	13 U	12 U	12 U
CHLOROFORM	5.2 U	6.1 U	6.5 U	6 U	6 U
CHLOROMETHANE	10 U	12 U	13 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	5.2 U	6.1 U	6.5 U	6 U	6 U
DIBROMOCHLOROMETHANE	5.2 U	6.1 U	6.5 U	6 U	6 U
ETHYLBENZENE	5.2 U	6.1 U	6.5 U	6 U	6 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	8 UJ	12 UJ	10 UJ	10 UJ	11 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	5.2 U	6.1 U	6.5 U	6 U	6 U
TETRACHLOROETHENE	5.2 U	6.1 U	6.5 U	6 U	6 U
TOLUENE	11	76	29	140	41
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5.2 U	6.1 U	6.5 U	6 U	6 U
TRICHLOROETHENE	5.2 U	6.1 U	6.5 U	6 U	6 U
TRICHLOROFLUOROMETHANE				6 U	6 U
VINYL ACETATE	10 U	12 U	13 U	12 U	12 U
VINYL CHLORIDE	10 U	12 U	13 U	12 U	12 U
XYLENE (TOTAL)	5.2 U	6.1 U	6.5 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-12	BD13-13	BD13-13	BD13-13	BD13-13
Sample Code	BD13-12 [15.0-15.5]	BD13-13 [7.0-7.5]	BD13-13 [8.5-9.0]	BD13-13 [9.5-10.0]	BD13-13 [12.0-12.5]
Sampling Date	7/9/1990	7/9/1990	7/11/1990	7/9/1990	7/9/1990
Sampling Depth (feet bgs)	15 - 15.5	7 - 7.5	8.5 - 9	9.5 - 10	12 - 12.5
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	5.9 U	6 U	6 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	5.9 U	6 U	6 U	6 U	6 U
1,1,2-TRICHLOROETHANE	5.9 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHANE	5.9 U	6 U	6 U	6 U	6 U
1,1-DICHLOROETHENE	5.9 U	6 U	6 U	6 U	6 U
1,2-DICHLOROBENZENE		6 U	6 U	6 U	6 U
1,2-DICHLOROETHANE	5.9 U	6 U	6 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5.9 U	6 U	6 U	6 U	6 U
1,2-DICHLOROPROPANE	5.9 U	6 U	6 U	6 U	6 U
1,3-DICHLOROBENZENE		6 U	6 U	6 U	6 U
1,4-DICHLOROBENZENE		6 U	6 U	6 U	6 U
2-BUTANONE	12 U	12 UJ	12 U	12 U	12 U
2-CHLOROETHYLVINYLETHER		12 U	12 U	12 U	12 U
2-HEXANONE	12 U	12 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	5.9 U	12 U	12 U	12 U	12 U
ACETONE	12 U	43 UJ	31 UJ	25 UJ	13 UJ
BENZENE	5.9 U	6 U	6 U	6 U	6 U
BROMODICHLOROMETHANE	5.9 U	6 U	6 U	6 U	6 U
BROMOFORM	5.9 U	6 U	6 U	6 U	6 U
BROMOMETHANE	12 U	12 U	12 U	12 U	12 U
CARBON DISULFIDE	5.9 U	6 U	6 U	6 U	6 U
CARBON TETRACHLORIDE	5.9 U	6 U	6 U	6 U	6 U
CHLOROBENZENE	5.9 U	6 U	6 U	6 U	6 U
CHLOROETHANE	12 U	12 U	12 U	12 U	12 U
CHLOROFORM	5.9 U	6 U	6 U	6 U	6 U
CHLOROMETHANE	12 U	12 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	5.9 U	6 U	6 U	6 U	6 U
DIBROMOCHLOROMETHANE	5.9 U	6 U	6 U	6 U	6 U
ETHYLBENZENE	5.9 U	6 U	6 U	6 U	6 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	12 UJ	8 UJ	10 UJ	11 UJ	12 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	5.9 U	6 U	6 U	6 U	6 U
TETRACHLOROETHENE	5.9 U	6 U	6 U	6 U	6 U
TOLUENE	100	11	20	10	13
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5.9 U	6 U	6 U	6 U	6 U
TRICHLOROETHENE	5.9 U	6 U	6 U	6 U	6 U
TRICHLOROFLUOROMETHANE		6 U	6 U	6 U	6 U
VINYL ACETATE	12 U	12 U	12 U	12 U	12 U
VINYL CHLORIDE	12 U	12 U	12 U	12 U	12 U
XYLENE (TOTAL)	5.9 U	6 U	6 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-13	BD13-14	BD13-14	BD13-14
Sample Code	BD13-13 [15.0-15.5]	BD13-14 [13.5-14.0]	BD13-14 [14.5-15.0]	BD13-14 [15.5-16.0]
Sampling Date	7/9/1990	7/9/1990	7/9/1990	7/9/1990
Sampling Depth (feet bgs)	15 - 15.5	13.5 - 14	14.5 - 15	15.5 - 16
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	5.9 U	6.2 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	5.9 U	6.2 U	6 U
1,1,2-TRICHLOROETHANE	6 U	5.9 U	6.2 U	6 U
1,1-DICHLOROETHANE	6 U	5.9 U	6.2 U	6 U
1,1-DICHLOROETHENE	6 U	5.9 U	6.2 U	6 U
1,2-DICHLOROBENZENE	6 U			
1,2-DICHLOROETHANE	6 U	5.9 U	6.2 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	5.9 U	6.2 U	6 U
1,2-DICHLOROPROPANE	6 U	5.9 U	6.2 U	6 U
1,3-DICHLOROBENZENE	6 U			
1,4-DICHLOROBENZENE	6 U			
2-BUTANONE	12 U	12 U	12 U	12 U
2-CHLOROETHYLVINYLETHER	12 U	5.9 U	6.2 U	6 U
2-HEXANONE	12 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	12 U	5.9 U	6.2 U	6 U
ACETONE	49 UJ	12 U	12 U	12 U
BENZENE	6 U	5.9 U	6.2 U	6 U
BROMODICHLOROMETHANE	6 U	5.9 U	6.2 U	6 U
BROMOFORM	6 U	5.9 U	6.2 U	6 U
BROMOMETHANE	12 U	12 U	12 U	12 U
CARBON DISULFIDE	6 U	5.9 U	6.2 U	6 U
CARBON TETRACHLORIDE	6 U	5.9 U	6.2 U	6 U
CHLOROBENZENE	6 U	5.9 U	6.2 U	6 U
CHLOROETHANE	12 U	12 U	12 U	12 U
CHLOROFORM	6 U	5.9 U	6.2 U	6 U
CHLOROMETHANE	12 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE				
CIS-1,3-DICHLOROPROPENE	6 U	5.9 U	6.2 U	6 U
DIBROMOCHLOROMETHANE	6 U	5.9 U	6.2 U	6 U
ETHYLBENZENE	6 U	5.9 U	6.2 U	6 U
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	19 UJ	12 UJ	14 UJ	11 UJ
METHYL-T-BUTYL ETHER				
O-XYLENE				
STYRENE	6 U	5.9 U	6.2 U	6 U
TETRACHLOROETHENE	6 U	5.9 U	6.2 U	6 U
TOLUENE	21	25	28	34
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6 U	5.9 U	6.2 U	6 U
TRICHLOROETHENE	6 U	5.9 U	6.2 U	6 U
TRICHLOROFLUOROMETHANE	6 U	5.9 U	6.2 U	6 U
VINYL ACETATE	12 U	12 U	12 U	12 U
VINYL CHLORIDE	12 U	12 U	12 U	12 U
XYLENE (TOTAL)	6 U	5.9 U	6.2 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-14	BD13-14	BD13-15	BD13-15	BD13-15
Sample Code	BD13-14 [3.5-4.0]	BD13-14 [9.5-10.0]	BD13-15 [4.0-4.5]	BD13-15 [10.5-11.0]	BD13-15 [11.5-12.0]
Sampling Date	7/9/1990	7/9/1990	7/10/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	3.5 - 4	9.5 - 10	4 - 4.5	10.5 - 11	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	5.2 U	6.5 U	6 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	5.2 U	6.5 U	6 U	6 U	6 U
1,1,2-TRICHLOROETHANE	5.2 U	6.5 U	6 U	6 U	6 U
1,1-DICHLOROETHANE	5.2 U	6.5 U	6 U	1 J	6 U
1,1-DICHLOROETHENE	5.2 U	6.5 U	6 U	6 U	6 U
1,2-DICHLOROBENZENE			6 U	6 U	6 U
1,2-DICHLOROETHANE	5.2 U	6.5 U	6 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5.2 U	6.5 U	6 U	6 U	6 U
1,2-DICHLOROPROPANE	5.2 U	6.5 U	6 U	6 U	6 U
1,3-DICHLOROBENZENE			6 U	6 U	6 U
1,4-DICHLOROBENZENE			6 U	6 U	6 U
2-BUTANONE	10 U	13 U	11 U	11 U	12 U
2-CHLOROETHYLVINYLETHER			11 U	11 U	12 U
2-HEXANONE	10 U	13 U	11 U	11 U	12 U
4-METHYL-2-PENTANONE	5.2 U	6.5 U	11 U	11 U	12 U
ACETONE	10 U	13 UJ	11 UJ	14 UJ	12 UJ
BENZENE	5.2 U	6.5 U	6 U	6 U	6 U
BROMODICHLOROMETHANE	5.2 U	6.5 U	6 U	6 U	6 U
BROMOFORM	5.2 U	6.5 U	6 U	6 U	6 U
BROMOMETHANE	10 U	13 U	11 U	11 U	12 U
CARBON DISULFIDE	5.2 U	6.5 U	6 U	6 U	6 U
CARBON TETRACHLORIDE	5.2 U	6.5 U	6 U	6 U	6 U
CHLOROBENZENE	5.2 U	6.5 U	6 U	6 U	6 U
CHLOROETHANE	10 U	13 U	11 U	11 U	12 U
CHLOROFORM	5.2 U	6.5 U	6 U	6 U	6 U
CHLOROMETHANE	10 U	13 U	11 U	11 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	5.2 U	6.5 U	6 U	6 U	6 U
DIBROMOCHLOROMETHANE	5.2 U	6.5 U	6 U	6 U	6 U
ETHYLBENZENE	5.2 U	6.5 U	6 U	6 U	6 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	9 UJ	13 UJ	13 UJ	14 UJ	12 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	5.2 U	6.5 U	6 U	6 U	6 U
TETRACHLOROETHENE	5.2 U	6.5 U	6 U	6 U	6 U
TOLUENE	14	100	160	23	24
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5.2 U	6.5 U	6 U	6 U	6 U
TRICHLOROETHENE	5.2 U	6.5 U	6 U	6 U	6 U
TRICHLOROFLUOROMETHANE			6 U	6 U	6 U
VINYL ACETATE	10 U	13 U	11 U	11 U	12 U
VINYL CHLORIDE	10 U	13 U	11 U	11 U	12 U
XYLENE (TOTAL)	5.2 U	6.5 U	6 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-15	BD13-15	BD13-16	BD13-16	BD13-16
Sample Code	BD13-15 [13.0-13.5]	BD13-15 [14.5-15.0]	BD13-16 [3.0-3.5]	BD13-16 [6.0-6.5]	BD13-16 [9.0-9.5]
Sampling Date	7/10/1990	7/9/1990	7/10/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	13 - 13.5	14.5 - 15	3 - 3.5	6 - 6.5	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					
1,1,1-TRICHLOROETHANE	6 U	6 U	5 U	3 J	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	5 U	6 U	6 U
1,1,2-TRICHLOROETHANE	6 U	6 U	5 U	6 U	6 U
1,1-DICHLOROETHANE	6 U	6 U	5 U	6 U	6 U
1,1-DICHLOROETHENE	6 U	6 U	5 U	6 U	6 U
1,2-DICHLOROBENZENE	6 U	6 U	5 U	6 U	6 U
1,2-DICHLOROETHANE	6 U	6 U	5 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	5 U	6 U	6 U
1,2-DICHLOROPROPANE	6 U	6 U	5 U	6 U	6 U
1,3-DICHLOROBENZENE	6 U	6 U	5 U	6 U	6 U
1,4-DICHLOROBENZENE	6 U	6 U	5 U	6 U	6 U
2-BUTANONE	12 U	12 U	11 U	13 U	12 UJ
2-CHLOROETHYLVINYLETHER	12 U	12 U	11 U	13 U	12 U
2-HEXANONE	12 U	12 U	11 U	13 U	12 U
4-METHYL-2-PENTANONE	12 U	12 U	11 U	13 U	12 U
ACETONE	12 UJ	12 UJ	33 UJ	21 UJ	49 UJ
BENZENE	6 U	6 U	5 U	6 U	6 U
BROMODICHLOROMETHANE	6 U	6 U	5 U	6 U	6 U
BROMOFORM	6 U	6 U	5 U	6 U	6 U
BROMOMETHANE	12 U	12 U	11 U	13 U	12 U
CARBON DISULFIDE	6 U	6 U	5 U	6 U	6 UJ
CARBON TETRACHLORIDE	6 U	6 U	5 U	6 U	6 U
CHLOROBENZENE	6 U	6 U	5 U	6 U	6 U
CHLOROETHANE	12 U	12 U	11 U	13 U	12 U
CHLOROFORM	6 U	6 U	5 U	6 U	6 U
CHLOROMETHANE	12 U	12 U	11 U	13 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	6 U	6 U	5 U	6 U	6 U
DIBROMOCHLOROMETHANE	6 U	6 U	5 U	6 U	6 U
ETHYLBENZENE	6 U	6 U	5 U	6 U	6 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	14 UJ	16 UJ	13 UJ	14 UJ	24 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	6 U	5 U	6 U	6 U
TETRACHLOROETHENE	6 U	6 U	5 U	6 U	6 U
TOLUENE	16	22	2 J	4 J	36
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	5 U	6 U	6 U
TRICHLOROETHENE	6 U	6 U	5 U	6 U	6 U
TRICHLOROFLUOROMETHANE	6 U	6 U	5 U	6 U	6 U
VINYL ACETATE	12 U	12 U	11 U	13 U	12 U
VINYL CHLORIDE	12 U	12 U	11 U	13 U	12 U
XYLENE (TOTAL)	6 U	6 U	5 U	6 U	6 U

Notes:
UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	BD13-16	BD13-16	M19-05	M19-05	M19-05
Sample Code	BD13-16 [12.0-12.5]	BD13-16 [14.0-14.5]	280-S19-011	280-S19-012	280-S19-013
Sampling Date	7/10/1990	7/10/1990	11/6/1994	11/6/1994	11/6/1994
Sampling Depth (feet bgs)	12 - 12.5	14 - 14.5	.5 - 1.5	2.5 - 3.5	4.5 - 5.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	FO 1994	FO 1994	FO 1994
Analyte					
1,1,1-TRICHLOROETHANE	6 U	6 U	11 U	11 U	10 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	11 U	11 U	10 U
1,1,2-TRICHLOROETHANE	6 U	6 U	11 U	11 U	10 U
1,1-DICHLOROETHANE	6 U	6 U	11 U	11 U	10 U
1,1-DICHLOROETHENE	6 U	6 U	11 U	11 U	10 U
1,2-DICHLOROBENZENE	6 U	6 U			
1,2-DICHLOROETHANE	6 U	6 U	11 U	11 U	10 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	11 U	11 U	10 U
1,2-DICHLOROPROPANE	6 U	6 U	11 U	11 U	10 U
1,3-DICHLOROBENZENE	6 U	6 U			
1,4-DICHLOROBENZENE	6 U	6 U			
2-BUTANONE	12 U	12 U	11 UJ	11 UJ	10 UJ
2-CHLOROETHYLVINYLETHER	12 U	12 U			
2-HEXANONE	12 U	12 U	11 U	11 U	10 U
4-METHYL-2-PENTANONE	12 U	12 U	11 U	11 U	10 U
ACETONE	32 UJ	30 UJ	11 UJ	11 UJ	10 UJ
BENZENE	6 U	6 U	11 U	11 U	10 U
BROMODICHLOROMETHANE	6 U	6 U	11 U	11 U	10 U
BROMOFORM	6 U	6 U	11 U	11 U	10 U
BROMOMETHANE	12 U	12 U	11 U	11 U	10 U
CARBON DISULFIDE	6 U	6 U	11 UJ	11 UJ	10 UJ
CARBON TETRACHLORIDE	6 U	6 U	11 U	11 U	10 U
CHLOROBENZENE	6 U	6 U	11 U	11 U	10 U
CHLOROETHANE	12 U	12 U	11 U	11 U	10 U
CHLOROFORM	6 U	6 U	11 U	11 U	10 U
CHLOROMETHANE	12 U	12 U	11 U	11 U	10 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	6 U	6 U	11 U	11 U	10 U
DIBROMOCHLOROMETHANE	6 U	6 U	11 U	11 U	10 U
ETHYLBENZENE	6 U	6 U	11 U	11 U	10 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	21 UJ	13 UJ	11 UJ	11 UJ	10 UJ
METHYL-T-BUTYL ETHER					
O-XYLENE					
STYRENE	6 U	6 U	11 U	11 U	10 U
TETRACHLOROETHENE	6 U	6 U	11 U	11 U	10 U
TOLUENE	8	12	11 U	11 U	10 U
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	11 U	11 U	10 U
TRICHLOROETHENE	6 U	6 U	11 U	11 U	10 U
TRICHLOROFLUOROMETHANE	6 U	6 U			
VINYL ACETATE	12 U	12 U			
VINYL CHLORIDE	12 U	12 U	11 U	11 U	10 U
XYLENE (TOTAL)	6 U	6 U	11 U	11 U	10 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MWD13-1	MWD13-1	MWD13-1	MWD13-1
Sample Code	MWD13-1 [3.5-4.0]	MWD13-1 [8.5-9.0]	MWD13-1 [9.5-10.0]	MWD13-1 [12.5-13.0]
Sampling Date	7/11/1990	7/11/1990	7/11/1990	7/11/1990
Sampling Depth (feet bgs)	3.5 - 4	8.5 - 9	9.5 - 10	12.5 - 13
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	6 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	6 U	6 U
1,1,2-TRICHLOROETHANE	6 U	6 U	6 U	6 U
1,1-DICHLOROETHANE	6 U	6 U	6 U	6 U
1,1-DICHLOROETHENE	6 U	6 U	6 U	6 U
1,2-DICHLOROBENZENE			6 U	6 U
1,2-DICHLOROETHANE	6 U	6 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	6 U	6 U
1,2-DICHLOROPROPANE	6 U	6 U	6 U	6 U
1,3-DICHLOROBENZENE			6 U	6 U
1,4-DICHLOROBENZENE			6 U	6 U
2-BUTANONE	11 U	12 U	12 U	12 U
2-CHLOROETHYLVINYLETHER			12 U	12 U
2-HEXANONE	11 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	11 U	12 U	12 U	12 U
ACETONE			12 UJ	34 UJ
BENZENE	6 U	6 U	6 U	6 U
BROMODICHLOROMETHANE	6 U	6 U	6 U	6 U
BROMOFORM	6 U	6 U	6 U	6 U
BROMOMETHANE	11 U	12 U	12 U	12 U
CARBON DISULFIDE	6 U	6 U	6 U	6 U
CARBON TETRACHLORIDE	6 U	6 U	6 U	6 U
CHLOROBENZENE	6 U	6 U	6 U	6 U
CHLOROETHANE	11 U	12 U	12 U	12 U
CHLOROFORM	6 U	6 U	6 U	6 U
CHLOROMETHANE	11 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE				
CIS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	6 U
DIBROMOCHLOROMETHANE	6 U	6 U	6 U	6 U
ETHYLBENZENE	6 U	6 U	6 U	6 U
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE			9 UJ	9 UJ
METHYL-T-BUTYL ETHER				
O-XYLENE				
STYRENE	6 U	6 U	6 U	6 U
TETRACHLOROETHENE	6 U	6 U	6 U	6 U
TOLUENE	34	17	36	30
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	6 U
TRICHLOROETHENE	6 U	6 U	6 U	6 U
TRICHLOROFLUOROMETHANE			6 U	6 U
VINYL ACETATE	11 U	12 U	12 U	12 U
VINYL CHLORIDE	11 U	12 U	12 U	12 U
XYLENE (TOTAL)	6 U	6 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MWD13-1	MWD13-2	MWD13-2	MWD13-2
Sample Code	MWD13-1 [14.0-14.5]	MWD13-2 [5.0-5.5]	MWD13-2 [8.5-9.0]	MWD13-2 [1.5-2.0]
Sampling Date	7/11/1990	7/27/1990	7/27/1990	7/6/1990
Sampling Depth (feet bgs)	14 - 14.5	5 - 5.5	8.5 - 9	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				
1,1,1-TRICHLOROETHANE	6 U	6 U	6 U	680 U
1,1,2,2-TETRACHLOROETHANE	6 U			1400 U
1,1,2-TRICHLOROETHANE	6 U			680 U
1,1-DICHLOROETHANE	6 U	6 U	6 U	680 U
1,1-DICHLOROETHENE	6 U			680 U
1,2-DICHLOROBENZENE	6 U			680 U
1,2-DICHLOROETHANE	6 U			680 U
1,2-DICHLOROETHENE (TOTAL)	6 U			680 U
1,2-DICHLOROPROPANE	6 U			680 U
1,3-DICHLOROBENZENE	6 U	6 U	6 U	590 DJ
1,4-DICHLOROBENZENE	6 U			680 U
2-BUTANONE	12 U	12 U	12 U	1400 U
2-CHLOROETHYLVINYLETHER	12 U			1400 U
2-HEXANONE	12 U			1400 U
4-METHYL-2-PENTANONE	12 U			1400 U
ACETONE	37 UJ	31	16	1400 U
BENZENE	6 U			680 U
BROMODICHLOROMETHANE	6 U			680 U
BROMOFORM	6 U			680 U
BROMOMETHANE	12 U			1400 U
CARBON DISULFIDE	6 U	6 U	6 U	680 U
CARBON TETRACHLORIDE	6 U			680 U
CHLOROBENZENE	6 U			680 U
CHLOROETHANE	12 U			1400 U
CHLOROFORM	6 U			680 U
CHLOROMETHANE	12 U			1400 U
CIS-1,2-DICHLOROETHENE				
CIS-1,3-DICHLOROPROPENE	6 U			680 U
DIBROMOCHLOROMETHANE	6 U			680 U
ETHYLBENZENE	6 U	6 U	6 U	680 U
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	8 UJ	11	4	1400 U
METHYL-T-BUTYL ETHER				
O-XYLENE				
STYRENE	6 U			680 U
TETRACHLOROETHENE	6 U	6 U	6 U	680 U
TOLUENE	18	4	37	1000 D
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6 U			680 U
TRICHLOROETHENE	6 U	6 U	6 U	680 U
TRICHLOROFLUOROMETHANE	6 U			680 U
VINYL ACETATE	12 U			1400 U
VINYL CHLORIDE	12 U			1400 U
XYLENE (TOTAL)	6 U	6 U	6 U	190 DJ

Notes:

UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MWD13-2	MWD13-2	MWD13-3	MWD13-3
Sample Code	MWD13-2 [14.5-15.0]	MWD13-2 [13.0-13.5]	MWD13-3 [3.5-4.0]	MWD13-3 [4.0-4.5]
Sampling Date	7/6/1990	7/27/1990	7/27/1990	7/6/1990
Sampling Depth (feet bgs)	14.5 - 15	13 - 13.5	3.5 - 4	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				
1,1,1-TRICHLOROETHANE	6 U	6 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U			6 U
1,1,2-TRICHLOROETHANE	6 U			6 U
1,1-DICHLOROETHANE	6 U	6 U	6 U	6 U
1,1-DICHLOROETHENE	6 U			6 U
1,2-DICHLOROBENZENE	6 U			6 U
1,2-DICHLOROETHANE	6 U			6 U
1,2-DICHLOROETHENE (TOTAL)	6 U			6 U
1,2-DICHLOROPROPANE	6 U			6 U
1,3-DICHLOROBENZENE	6 U	6 U	6 U	6 U
1,4-DICHLOROBENZENE	6 U			6 U
2-BUTANONE	12 U	12 U	11 U	12 U
2-CHLOROETHYLVINYLETHER	12 U			12 U
2-HEXANONE	12 U			12 U
4-METHYL-2-PENTANONE	12 U			12 U
ACETONE	12 UJ	10	7	25 UJ
BENZENE	6 U			6 U
BROMODICHLOROMETHANE	6 U			6 U
BROMOFORM	6 U			6 U
BROMOMETHANE	12 U			12 U
CARBON DISULFIDE	6 U	6 U	6 U	6 U
CARBON TETRACHLORIDE	6 U			6 U
CHLOROBENZENE	6 U			6 U
CHLOROETHANE	12 U			12 U
CHLOROFORM	6 U			6 U
CHLOROMETHANE	12 U			12 U
CIS-1,2-DICHLOROETHENE				
CIS-1,3-DICHLOROPROPENE	6 U			6 U
DIBROMOCHLOROMETHANE	6 U			6 U
ETHYLBENZENE	6 U	6 U	6 U	6 U
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	10 UJ	10	11	11 UJ
METHYL-T-BUTYL ETHER				
O-XYLENE				
STYRENE	6 U			6 U
TETRACHLOROETHENE	6 U	6 U	6 U	6 U
TOLUENE	5 J	25	54	45
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6 U			6 U
TRICHLOROETHENE	6 U	6 U	6 U	6 U
TRICHLOROFLUOROMETHANE	6 U			6 U
VINYL ACETATE	12 U			12 U
VINYL CHLORIDE	12 U			12 U
XYLENE (TOTAL)	6 U	6 U	6 U	6 U

Notes:
UG/KG Micrograms per kilogram

TABLE E-91: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MWD13-3	MWD13-3
Sample Code	MWD13-3 [11.5-12.0]	MWD13-3 [14.0-14.5]
Sampling Date	7/6/1990	7/6/1990
Sampling Depth (feet bgs)	11.5 - 12	14 - 14.5
Units	UG/KG	UG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991
Analyte		
1,1,1-TRICHLOROETHANE	7 U	6 U
1,1,2,2-TETRACHLOROETHANE	7 U	6 U
1,1,2-TRICHLOROETHANE	7 U	6 U
1,1-DICHLOROETHANE	7 U	6 U
1,1-DICHLOROETHENE	7 U	6 U
1,2-DICHLOROBENZENE	7 U	6 U
1,2-DICHLOROETHANE	7 U	6 U
1,2-DICHLOROETHENE (TOTAL)	7 U	6 U
1,2-DICHLOROPROPANE	7 U	6 U
1,3-DICHLOROBENZENE	7 U	6 U
1,4-DICHLOROBENZENE	7 U	6 U
2-BUTANONE	15 U	12 U
2-CHLOROETHYLVINYLETHER	15 U	12 U
2-HEXANONE	15 U	12 U
4-METHYL-2-PENTANONE	15 U	12 U
ACETONE	67 UJ	12 UJ
BENZENE	7 U	6 U
BROMODICHLOROMETHANE	7 U	6 U
BROMOFORM	7 U	6 U
BROMOMETHANE	15 U	12 U
CARBON DISULFIDE	7 U	6 U
CARBON TETRACHLORIDE	7 U	6 U
CHLOROBENZENE	7 U	6 U
CHLOROETHANE	15 U	12 U
CHLOROFORM	7 U	6 U
CHLOROMETHANE	15 U	12 U
CIS-1,2-DICHLOROETHENE		
CIS-1,3-DICHLOROPROPENE	7 U	6 U
DIBROMOCHLOROMETHANE	7 U	6 U
ETHYLBENZENE	7 U	6 U
HEXANE		
M,P-XYLENE		
METHYLENE CHLORIDE	14 UJ	11 UJ
METHYL-T-BUTYL ETHER		
O-XYLENE		
STYRENE	7 U	6 U
TETRACHLOROETHENE	7 U	6 U
TOLUENE	16	6 U
TRANS-1,2-DICHLOROETHENE		
TRANS-1,3-DICHLOROPROPENE	7 U	6 U
TRICHLOROETHENE	7 U	6 U
TRICHLOROFLUOROMETHANE	7 U	6 U
VINYL ACETATE	15 U	12 U
VINYL CHLORIDE	15 U	12 U
XYLENE (TOTAL)	7 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-92: SITE 19 TOTAL METALS IN SOIL

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

Location	BD13-10	BD13-10	BD13-10	BD13-10	BD13-11	BD13-11	BD13-11
Sample Code	BD13-10 [0.5-1.0]	BD13-10 [3.0-3.5]	BD13-10 [8.0-8.5]	BD13-10 [14.0-14.5]	BD13-11 [1.0-1.5]	BD13-11 [4.0-4.5]	BD13-11 [11.5-12.0]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/10/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	.5 - 1	3 - 3.5	8 - 8.5	14 - 14.5	1 - 1.5	4 - 4.5	11.5 - 12
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	3120	6720	19500	9680	4110	3350	9590
ANTIMONY	6.2 U	6.8 U	7.2 U	7.3 U	2.1 U	2.3 U	2.3 U
ARSENIC	10 U	11 U	12 U	12 U	2.5 U	2.7 U	6
BARIUM	25	570	77	60	18.2	15.3	83.3
BERYLLIUM	1 U	1.1 U	1.2 U	1.2 U	0.2 U	0.2 U	0.4
CADMIUM	1 U	1.1 U	1.2 U	1.2 U	0.2 U	0.2 U	0.2 U
CALCIUM	2000	84900	2500	2600	2390	1980	1970
CHROMIUM	24	18	57	43	28.2	27.6	42.8
COBALT	5.2 U	5.7 U	11	6.1 U	3.8	3.4	6.6
COPPER	12	30	45	12	43.1	16.3	24.6
IRON	5440	12600	21600	13900	6880	5790	14900
LEAD	5.2 U	44	10	6.1 U	5.3 U	5.7 U	5.8 U
MAGNESIUM	1800	13000	4100	3100	2290	1430	3410
MANGANESE	72	564	300	160	88.8	161	171
MERCURY							
MOLYBDENUM	5.2 U	5.7 U	6 U	6.1 U	1.1 U	1.1 U	1.2 U
NICKEL	20	17	63	43	24	21.5	52.5
POTASSIUM	520 U	1000	1600	830	630	360	930
SELENIUM	10 U	11 U	12 U	12 U	4.4 U	4.8 U	4.9 U
SILVER	5.2 U	5.7 U	6 U	6.1 U	0.6 U	0.7 U	0.7 U
SODIUM	520 U	570 U	600 U	610 U	239	228	1060
THALLIUM	10 U	11 U	12 U	12 U	2.7 U	3 U	3 U
TITANIUM	260	280	658	550	327	288	416
VANADIUM	14	23	42	28	15.6	14	26.7
ZINC	17	35	45	26	35.7	23.7	39.3

Notes:

MG/KG Milligrams per kilogram

TABLE E-92: SITE 19 TOTAL METALS IN SOIL

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

Location	BD13-11	BD13-12	BD13-12	BD13-12	BD13-12	BD13-13	BD13-13
Sample Code	BD13-11 [13.0-13.5]	BD13-12 [1.5-2.0]	BD13-12 [4.5-5.0]	BD13-12 [9.5-10.0]	BD13-12 [14.5-15.0]	BD13-13 [2.0-2.5]	BD13-13 [8.0-8.5]
Sampling Date	7/10/1990	7/9/1990	7/9/1990	7/9/1990	7/9/1990	7/11/1990	7/11/1990
Sampling Depth (feet bgs)	13 - 13.5	1.5 - 2	4.5 - 5	9.5 - 10	14.5 - 15	2 - 2.5	8 - 8.5
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	8570	4380	5730	14100	10300	6510	9530
ANTIMONY	2.4 U	6.2 U	7.4 U	7.1 U	7.3 U	3.3 U	3.3 U
ARSENIC	4.2	10 U	12 U	12 U	12 U	8.8	4
BARIUM	72.8	21 U	31	90	82	305	64.4
BERYLLIUM	0.3	1 U	1.2 U	1.2 U	1.2 U	0.37	0.38
CADMIUM	0.2 U	1 U	1.2 U	1.2 U	1.2 U	0.76	0.34
CALCIUM	2230	2900	1900	1800	1600	23700	2090
CHROMIUM	41.1	23	30	52	35	25.2	49.3
COBALT	6.2	5.2 U	6.2 U	6.3	6.3	6.1	6.8
COPPER	36.4	5.2 U	6.9	10	11	61	17.9
IRON	13400	7060	9340	19500	14600	14300	15500
LEAD	6 U	5.2 U	6.2 U	8.8	6.1 U	303	4 U
MAGNESIUM	3400	2100	2900	3500	3300	4420	2590
MANGANESE	170	85	97	160	180	269	148
MERCURY							
MOLYBDENUM	1.2 U	5.2 U	6.2 U	5.9 U	6.1 U	0.35 U	0.38 U
NICKEL	44.9	22	31	50	46	19.6	38.3
POTASSIUM	850	680	1000	1500	1500	1070	992
SELENIUM	5.1 U	10 U	12 U	12 U	12 U	5.8 U	5.9 U
SILVER	0.7 U	5.2 U	6.2 U	5.9 U	6.1 U	0.43	0.43 U
SODIUM	1020	520 U	620 U	1300	1200	725	683
THALLIUM	3.1 U	10 U	12 U	12 U	12 U	3.6 U	3.7 U
TITANIUM	435	410	440	656	470	307	354
VANADIUM	23.9	16	20	38	27	26	31.9
ZINC	43.1	14	21	28	27	292	33.8

Notes:

MG/KG Milligrams per kilogram

TABLE E-92: SITE 19 TOTAL METALS IN SOIL

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

Location	BD13-13	BD13-13	BD13-14	BD13-14	BD13-14	BD13-14	BD13-15
Sample Code	BD13-13 [11.0-11.5]	BD13-13 [14.0-14.5]	BD13-14 [2.0-2.5]	BD13-14 [4.0-4.5]	BD13-14 [14.0-14.5]	BD13-14 [15.0-15.5]	BD13-15 [2.0-2.5]
Sampling Date	7/11/1990	7/11/1990	7/9/1990	7/9/1990	7/9/1990	7/9/1990	7/10/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	2 - 2.5	4 - 4.5	14 - 14.5	15 - 15.5	2 - 2.5
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	8570	7920	4910	4590	11600	12000	5500
ANTIMONY	3.3 U	3.4 U	6.2 U	6.3 U	7.1 U	7.3 U	2.1 U
ARSENIC	3.2	4.5	10 U	11 U	12 U	12 U	2.5 U
BARIUM	65.1	74.9	25	21 U	81	85	37.4
BERYLLIUM	0.28	0.29	1 U	1.1 U	1.2 U	1.2 U	0.2 U
CADMIUM	0.32	0.4	1 U	1.1 U	1.2 U	1.2 U	0.4
CALCIUM	1860	2060	3600	2000	2100	2400	3310
CHROMIUM	34.7	38.6	27	26	38	42	33.4
COBALT	6	7.2	5.2 U	5.3 U	6.7	6.7	4.5
COPPER	9.9	13.1	5.2 U	5.3 U	9.2	11	12.1
IRON	12100	13100	7910	7370	15100	16800	8440
LEAD	3.9 U	4 U	5.2 U	5.3 U	6 U	6 U	13.7
MAGNESIUM	3120	3260	2300	2100	3200	3500	2990
MANGANESE	150	196	88	84	170	170	128
MERCURY							
MOLYBDENUM	0.35 U	0.46 U	5.2 U	5.3 U	6 U	6 U	1.6
NICKEL	43.7	47.9	24	23	46	51	29.8
POTASSIUM	760	914	780	700	1400	1400	760
SELENIUM	5.8 U	5.9 U	10 U	11 U	12 U	12 U	4.3 U
SILVER	0.42 U	0.43 U	5.2 U	5.3 U	6 U	6 U	0.6 U
SODIUM	495	594	520 U	530 U	980	1000	362
THALLIUM	3.7 U	3.7 U	10 U	11 U	12 U	12 U	2.7 U
TITANIUM	407	372	420	430	548	520	819
VANADIUM	22.7	23.3	19	18	27	30	20.7
ZINC	32.3	33.4	16	16	27	30	37.5

Notes:

MG/KG Milligrams per kilogram

TABLE E-92: SITE 19 TOTAL METALS IN SOIL

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

Location	BD13-15	BD13-15	BD13-15	BD13-16	BD13-16	BD13-16	BD13-16
Sample Code	BD13-15 [8.5-9.0]	BD13-15 [12.5-13.0]	BD13-15 [13.5-14.0]	BD13-16 [1.5-2.0]	BD13-16 [5.0-5.5]	BD13-16 [10.5-11.0]	BD13-16 [13.5-14.0]
Sampling Date	7/10/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	8.5 - 9	12.5 - 13	13.5 - 14	1.5 - 2	5 - 5.5	10.5 - 11	13.5 - 14
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	16400	9530	8670	3980	5020	8470	11600
ANTIMONY	2.4 U	2.3 U	2.3 U	2.1 U	2.4 U	2.4 U	2.4 U
ARSENIC	7.1	6	4.7	2.5 U	3.2	7.4	3.7
BARIUM	103	65.5	60.7	25.8	32.5	65.6	112
BERYLLIUM	0.3	0.3	0.4	0.2 U	0.2 U	0.4	0.4
CADMIUM	0.3	0.2 U	0.2 U	0.2	0.2 U	0.5	0.4
CALCIUM	42300	2270	1950	2370	1920	13200	1890
CHROMIUM	43.6	38.8	38	30.1	31.1	33	51.8
COBALT	8.9	6.3	6.1	3.5	5.4	6.1	7.9
COPPER	256	33.2	25.3	21.6	106	69.8	19.5
IRON	21700	13100	12500	6680	9020	19500	16900
LEAD	6 U	5.8 U	5.8 U	5.2 U	6 U	385	6.2
MAGNESIUM	10800	2920	2700	2100	2850	3560	4240
MANGANESE	516	150	128	85.3	106	217	172
MERCURY							
MOLYBDENUM	1.4	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U
NICKEL	41.4	44.5	41.4	23.6	28.5	39.5	57.4
POTASSIUM	1400	1200	1000	540	880	1200	1600
SELENIUM	5 U	4.9 U	4.9 U	4.4 U	5.1 U	5.1 U	5.1 U
SILVER	0.7 U	0.7 U	0.7 U	0.6 U	0.7 U	0.7 U	0.7 U
SODIUM	780	1130	1070	153	727	1130	1430
THALLIUM	3.1 U	3 U	3 U	2.7 U	3.1 U	3.1 U	3.1 U
TITANIUM	846	505	410	328	313	372	540
VANADIUM	31.8	24	22.5	15.6	18	27.1	30.3
ZINC	199	39.6	41.1	33.4	71.2	126	47.1

Notes:

MG/KG Milligrams per kilogram

TABLE E-92: SITE 19 TOTAL METALS IN SOIL

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

Location	BD13-5	BD13-5	BD13-5	BD13-5	BD13-6	BD13-6	BD13-6	BD13-6
Sample Code	BD13-5 [0.5-1.0]	BD13-5 [2.5-3.0]	BD13-5 [5.5-6.0]	BD13-5 [10.0-10.5]	BD13-6 [0.5-1.0]	BD13-6 [2.5-3.0]	BD13-6 [5.5-6.0]	BD13-6 [8.5-9.0]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	.5 - 1	2.5 - 3	5.5 - 6	10 - 10.5	.5 - 1	2.5 - 3	5.5 - 6	8.5 - 9
Units	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	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	5170	5820	5580	15800	5160	6360	6600	14900
ANTIMONY	6.2 U	6.8 U	7.3 U	7.5 U	6.2 U	6.5 U	7.4 U	7.2 U
ARSENIC	10 U	11 U	12 U	12 U	10 U	11 U	12 U	12 U
BARIUM	33	22	33	94	29	32	37	90
BERYLLIUM	1 U	1.1 U	1.2 U	1.2 U	1 U	1.1 U	1.2 U	1.2 U
CADMIUM	1 U	1.1 U	1.2 U	1.2 U	1 U	1.1 U	1.2 U	1.2 U
CALCIUM	5200	2500	2700	2400	3100	2700	2700	2100
CHROMIUM	29	35	38	50	30	29	37	45
COBALT	5.2 U	5.6 U	6.1 U	7.8	5.2 U	5.6 U	6.1 U	9.8
COPPER	8	11	6.2	14	8.3	11	6.3	13
IRON	7850	8640	8950	20500	7560	9040	9670	22400
LEAD	5.2 U	6.6	6.1 U	6.2 U	5.2 U	5.6 U	6.1 U	6 U
MAGNESIUM	2300	2100	2300	4000	2000	2800	2500	3800
MANGANESE	98	96	99	220	100	96	110	290
MERCURY								
MOLYBDENUM	5.2 U	5.6 U	6.1 U	6.2 U	5.2 U	5.6 U	6.1 U	6 U
NICKEL	25	29	29	62	23	29	31	53
POTASSIUM	720	630	670	1500	620	960	820	820
SELENIUM	10 U	11 U	12 U	12 U	10 U	11 U	12 U	12 U
SILVER	5.2 U	5.6 U	6.1 U	6.2 U	5.2 U	5.6 U	6.1 U	6 U
SODIUM	520 U	560 U	610 U	900	520 U	560 U	610 U	600 U
THALLIUM	10 U	11 U	12 U	12 U	10 U	11 U	12 U	12 U
TITANIUM	510	400	480	760	535	511	510	550
VANADIUM	20	21	22	40	21	21	24	41
ZINC	18	21	21	35	17	21	27	31

Notes:

MG/KG Milligrams per kilogram

TABLE E-92: SITE 19 TOTAL METALS IN SOIL

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

Location	BD13-6	BD13-7	BD13-7	BD13-7	BD13-7	BD13-8	BD13-8	BD13-8
Sample Code	BD13-6 [9.5-10.0]	BD13-7 [0.5-1.0]	BD13-7 [2.0-2.5]	BD13-7 [5.0-5.5]	BD13-7 [8.5-9.0]	BD13-8 [0.5-1.0]	BD13-8 [3.0-3.5]	BD13-8 [11.0-11.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	9.5 - 10	.5 - 1	2 - 2.5	5 - 5.5	8.5 - 9	.5 - 1	3 - 3.5	11 - 11.5
Units	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	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	19400	5450	10900	5740	11500	4980	2840	8440
ANTIMONY	7.2 U	6.3 U	7 U	7.1 U	7 U	6.2 U	6.5 U	7.1 U
ARSENIC	12 U	10 U	13 U	12 U	12 U	10 U	11 U	12 U
BARIUM	100	30	63	71	54	31	31	74
BERYLLIUM	1.2 U	1 U	1.3 U	1.2 U	1.2 U	1 U	1.1 U	1.2 U
CADMIUM	1.2 U	1 U	1.3 U	1.2 U	1.2 U	1 U	1.1 U	1.2 U
CALCIUM	2600	2300	4200	1600	2100	2800	1400	1200
CHROMIUM	64	28	67	27	50	21	20	31
COBALT	7	5.3 U	8.9	5.9 U	8	5.2 U	5.4 U	6.6
COPPER	16	9	110	9.5	9	120	18	11
IRON	22100	8000	32300	9180	15100	8500	4670	140
LEAD	6 U	5.3 U	13	5.9 U	6 U	5.2 U	5.4 U	5.9 U
MAGNESIUM	4100	2200	4000	1600	3100	4100	1200	3200
MANGANESE	230	95	200	150	200	140	110	190
MERCURY								
MOLYBDENUM	6 U	5.3 U	6.4 U	5.9 U	6 U	5.2 U	5.4 U	5.9 U
NICKEL	58	26	64	20	41	30	19	48
POTASSIUM	1100	810	1400	810	930	620	540 U	1100
SELENIUM	12 U	10 U	13 U	12 U	12 U	10 U	11 U	12 U
SILVER	6 U	5.3 U	6.4 U	5.9 U	6 U	5.2 U	5.4 U	5.9 U
SODIUM	620	530 U	640 U	590 U	740	520 U	540 U	1000
THALLIUM	12 U	10 U	13 U	12 U	12 U	10 U	11 U	12 U
TITANIUM	672	470	781	400	534	270	220	370
VANADIUM	48	19	34	21	34	17	12	25
ZINC	32	21	61	18	24	71	23	27

Notes:

MG/KG Milligrams per kilogram

TABLE E-92: SITE 19 TOTAL METALS IN SOIL

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

Location	BD13-8	BD13-9	BD13-9	BD13-9	BD13-9	MWD13-1	MWD13-1
Sample Code	BD13-8 [13.0-13.5]	BD13-9 [0.5-1.0]	BD13-9 [3.5-4.0]	BD13-9 [8.0-8.5]	BD13-9 [14.5-15.0]	MWD13-1 [0.5-1.0]	MWD13-1 [7.0-7.5]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/11/1990	7/11/1990
Sampling Depth (feet bgs)	13 - 13.5	.5 - 1	3.5 - 4	8 - 8.5	14.5 - 15	.5 - 1	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	12300	3540	3940	2740	7230	3890	5480
ANTIMONY	7.2 U	6.3 U	7 U	7.4 U	7.3 U	3 U	1.8 U
ARSENIC	14	10 U	12 U	12 U	12 U	3.1	2.7
BARIUM	79	27	26	190	58	22.3 U	35.8 BE
BERYLLIUM	1.2 U	1 U	1.2 U	1.2 U	1.2 U	0.13 U	0.21 B
CADMIUM	1.2 U	1 U	1.2 U	1.2 U	1.2 U	0.26	0.31 B
CALCIUM	2300	2100	1500	99800	1900	6640	1460
CHROMIUM	41	22	27	15	35	25	30.7 U
COBALT	6.9	5.3 U	5.8 U	6.2 U	6.1 U	4.2 U	5.8 B
COPPER	11	10	13	32	9.6	18.2	6.7
IRON	15300	6230	8150	6150	12400	6430	7120
LEAD	6.9	5.3 U	6.9	27	6.1 U	3.5 U	3.5 U
MAGNESIUM	3100	2000	2300	4100	2900	2250	1590
MANGANESE	200	82	100	360	140	92.4	148
MERCURY							
MOLYBDENUM	6 U	5.3 U	5.8 U	6.2 U	6.1 U	0.31 U	0.54 U
NICKEL	49	23	29	9.9	39	23.8	18.3 U
POTASSIUM	1200	540	640	620 U	760	590 B	607 B
SELENIUM	12 U	10 U	12 U	12 U	12 U	5.2 U	4.4 U
SILVER	6 U	5.3 U	5.8 U	6.2 U	6.1 U	0.38 U	0.25 U
SODIUM	1000	530 U	580 U	620 U	610 U	239 B	228 B
THALLIUM	12 U	10 U	12 U	12 U	12 U	3.3 B	1.4 U
TITANIUM	594	280	270	150	450	312	330 N
VANADIUM	30	14	18	12	23	15	21.6
ZINC	28	17	21	46	26	28.5	23.3 E

Notes:

MG/KG Milligrams per kilogram

TABLE E-92: SITE 19 TOTAL METALS IN SOIL

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

Location	MWD13-1	MWD13-1	MWD13-2	MWD13-2	MWD13-2	MWD13-2
Sample Code	MWD13-1 [10.0-10.5]	MWD13-1 [13.0-13.5]	MWD13-2 [0.5-1.0]	MWD13-2 [2.0-2.5]	MWD13-2 [9.0-9.5]	MWD13-2 [13.5-14.0]
Sampling Date	7/11/1990	7/11/1990	7/6/1990	7/6/1990	7/6/1990	7/6/1990
Sampling Depth (feet bgs)	10 - 10.5	13 - 13.5	.5 - 1	2 - 2.5	9 - 9.5	13.5 - 14
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	11700	13400	9940	9280	4720	7660
ANTIMONY	1.8 U	2.1 U	2.2 U	2.1 U	3.6 U	2.4 U
ARSENIC	3	5.1	9.5	2.6 U	5.8	4
BARIUM	61.5	110	140	51.1	43.9	77.9
BERYLLIUM	0.37	0.38	0.4	0.4	0.4 U	0.3
CADMIUM	0.48	0.42	7.4	0.9	0.7	0.3
CALCIUM	1600	2870	7480	3810	7940	1780
CHROMIUM	39.5	54.9	20.9	5.8	55.7	37.9
COBALT	8	9.7	9.7	7.3	9.1	8.5
COPPER	13.3	15.6	138	61.1	42.9	31.3
IRON	14700	18300	30500	28200	10940	13600
LEAD	3.5 U	4.1 U	28.4	8.6	40.5	5.9 U
MAGNESIUM	3070	4960	4870	5.1 U	2700	3440
MANGANESE	154	268	830	897	322	272
MERCURY						
MOLYBDENUM	0.54 U	0.63 U	1.1 U	1.1 U	1.8 U	1.2 U
NICKEL	42.2	66.9	24.9	5.5	35.7	50.2
POTASSIUM	487	1110	1020	340	1010	860
SELENIUM	4.4 U	5.1 U	4.6 U	4.5 U	7.6 U	4.9 U
SILVER	0.25 U	0.32	0.7	0.6 U	1.1 U	0.7 U
SODIUM	728	678	359	258	700	710
THALLIUM	1.4 U	1.6 U	2.9 U	2.8 U	4.7 U	3.1 U
TITANIUM	478	639	399	571	386	304
VANADIUM	28.7	33.8	41.5	29.6	26.1	22.8
ZINC	32.1	44.2	192	120	45.9	44.5

Notes:

MG/KG Milligrams per kilogram

TABLE E-92: SITE 19 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
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Location	MWD13-3	MWD13-3
Sample Code	MWD13-3 [0.5-1.0]	MWD13-3 [5.0-5.5]
Sampling Date	7/6/1990	7/6/1990
Sampling Depth (feet bgs)	.5 - 1	5 - 5.5
Units	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991
Analyte		
ALUMINUM	4580	3770
ANTIMONY	2.1 U	2.4 U
ARSENIC	2.5 U	4.4
BARIUM	23.5	20.1
BERYLLIUM	0.2 U	0.2 U
CADMIUM	0.5	0.2 U
CALCIUM	2860	2030
CHROMIUM	32.8	26.9
COBALT	4.2	4.1
COPPER	5.9	14.4
IRON	7200	6700
LEAD	5.2 U	6.1 U
MAGNESIUM	2070	1630
MANGANESE	89.6	123
MERCURY		
MOLYBDENUM	1 U	1.2 U
NICKEL	24	22.4
POTASSIUM	600	487
SELENIUM	4.4 U	5.1 U
SILVER	0.6 U	0.7 U
SODIUM	159	224
THALLIUM	2.7 U	3.2 U
TITANIUM	480	269
VANADIUM	18.7	14.5
ZINC	22.2	27.4

Notes:
MG/KG Milligrams per kilogram

TABLE E-93: SITE 19 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

(Page 1 of 2)

Location	B19-17	B19-17	B19-17	B19-18	B19-18	B19-18	B19-19	B19-19	B19-19	M19-05
Sample Code	280-S19-001	280-S19-002	280-S19-003	280-S19-004	280-S19-005	280-S19-006	280-S19-008	280-S19-009	280-S19-010	280-S19-011
Sampling Date	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	11/6/1994
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	5 - 6	1 - 2	2 - 3	4.5 - 5.5	1 - 2	2.5 - 3.5	5 - 6	.5 - 1.5
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										
DIESEL RANGE ORGANICS	54 U	11 U	12 U	11 U	13 U	12 U	57 U	12 U	12 U	11 U
GASOLINE RANGE ORGANICS	3.3 J	0 56 U	0.6 U	0.53 U	0.53 U	0.58 U	0.57 U	0.59 U	0.6 U	0.53 U
JET FUEL										
JP5 RANGE ORGANICS	54 U	11 U	12 U	11 U	13 U	12 U	57 U	12 U	12 U	11 U
MOTOR OIL RANGE ORGANICS	4680 J	28 U	30 U	26 U	97 J	29 U	330 J	29 U	30 U	21 U

Notes:

MG/KG Milligrams per kilogram

TABLE E-93: SITE 19 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

Location	M19-05	M19-05
Sample Code	280-S19-012	280-S19-013
Sampling Date	11/6/1994	11/6/1994
Sampling Depth (feet bgs)	2.5 - 3.5	4.5 - 5.5
Units	MG/KG	MG/KG
Investigation	FO 1994	FO 1994
Analyte		
DIESEL RANGE ORGANICS	11 U	10 U
GASOLINE RANGE ORGANICS	0.56 U	0.52 U
JET FUEL		
JP5 RANGE ORGANICS	11 U	10 U
MOTOR OIL RANGE ORGANICS	36 J	21 U

Notes:
MG/KG Milligrams per kilogram

TABLE E-94: SITE 19 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

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

Location	BD13-16	BD13-5	BD13-5	BD13-5	BD13-5	BD13-5
Sample Code	BD13-16 [9.0-9.5]	BD13-5 [1.0-1.5]	BD13-5 [10.0-10.5]	BD13-5 [11.5-12.0]	BD13-5 [2.5-3.0]	BD13-5 [5.5-6.0]
Sampling Date	7/10/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	9 - 9.5	1 - 1.5	10 - 10.5	11.5 - 12	2.5 - 3	5.5 - 6
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	586	1.7 U	1.9 U	1.9 U	102	8.9

Location	BD13-6	BD13-6	BD13-6	BD13-6	BD13-6	BD13-7
Sample Code	BD13-6 [1.0-1.5]	BD13-6 [2.5-3.0]	BD13-6 [5.5-6.0]	BD13-6 [8.5-9.0]	BD13-6 [9.5-10.0]	BD13-7 [1.0-1.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	1 - 1.5	2.5 - 3	5.5 - 6	8.5 - 9	9.5 - 10	1 - 1.5
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	1.7 U	1.7 U	23.9	2 U	2 U	1.8 U

Location	BD13-7	BD13-7	BD13-7	BD13-7	BD13-8	BD13-8
Sample Code	BD13-7 [11.5-12.0]	BD13-7 [2.0-2.5]	BD13-7 [5.0-5.5]	BD13-7 [8.5-9.0]	BD13-8 [0.5-1.0]	BD13-8 [11.0-11.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	11.5 - 12	2 - 2.5	5 - 5.5	8.5 - 9	.5 - 1	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	309	1.9 U	2 U	2280	14.6

Location	BD13-8	BD13-8	BD13-8	BD13-9	BD13-9	BD13-9
Sample Code	BD13-8 [13.0-13.5]	BD13-8 [3.0-3.5]	BD13-8 [8.0-8.5]	BD13-9 [0.5-1.0]	BD13-9 [11.0-11.5]	BD13-9 [14.5-15.0]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	13 - 13.5	3 - 3.5	8 - 8.5	.5 - 1	11 - 11.5	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						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	3.4	72	75.2	5310	2 U	1.9 U

Notes:

MG/KG Milligrams per kilogram

TABLE E-94: SITE 19 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

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

Location	BD13-9	BD13-9	BD13-10	BD13-10	BD13-10
Sample Code	BD13-9 [3.5-4.0]	BD13-9 [8.0-8.5]	BD13-10 [11.0-11.5]	BD13-10 [14.0-14.5]	BD13-10 [3.0-3.5]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	3.5 - 4	8 - 8.5	11 - 11.5	14 - 14.5	3 - 3.5
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	15.4	8.6	1.9 U	1.9 U	19.5

Location	BD13-10	BD13-11	BD13-11	BD13-11	BD13-11
Sample Code	BD13-10 [8.0-8.5]	BD13-11 [1.0-1.5]	BD13-11 [12.5-13.0]	BD13-11 [6.0-6.5]	BD13-11 [9.0-9.5]
Sampling Date	7/5/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	8 - 8.5	1 - 1.5	12.5 - 13	6 - 6.5	9 - 9.5
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	2.3	2 U	1570	102

Location	BD13-12	BD13-12	BD13-12	BD13-12	BD13-12
Sample Code	BD13-12 [12.0-12.5]	BD13-12 [15.0-15.5]	BD13-12 [3.0-3.5]	BD13-12 [5.0-5.5]	BD13-12 [8.5-9.0]
Sampling Date	7/9/1990	7/9/1990	7/9/1990	7/9/1990	7/9/1990
Sampling Depth (feet bgs)	12 - 12.5	15 - 15.5	3 - 3.5	5 - 5.5	8.5 - 9
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	4.7	2 U	1.7 U	2 U	94.6

Location	BD13-13	BD13-13	BD13-13	BD13-13	BD13-14
Sample Code	BD13-13 [15.0-15.5]	BD13-13 [2.0-2.5]	BD13-13 [8.5-9.0]	BD13-13 [9.5-10.0]	BD13-14 [13.5-14.0]
Sampling Date	7/9/1990	7/11/1990	7/11/1990	7/9/1990	7/9/1990
Sampling Depth (feet bgs)	15 - 15.5	2 - 2.5	8.5 - 9	9.5 - 10	13.5 - 14
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	9.7	1.9 U	1.9 U	1.9 U

Notes:

MG/KG Milligrams per kilogram

TABLE E-94: SITE 19 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

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

Location	BD13-10	BD13-14	BD13-14	BD13-14	BD13-15
Sample Code	BD13-10 [5.0-5.5]	BD13-14 [15.5-16.0]	BD13-14 [2.5-3.0]	BD13-14 [9.5-10.0]	BD13-15 [10.5-11.0]
Sampling Date	7/5/1990	7/9/1990	7/9/1990	7/9/1990	7/10/1990
Sampling Depth (feet bgs)	5 - 5.5	15.5 - 16	2.5 - 3	9.5 - 10	10.5 - 11
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	1.9 U	2 U	1.7 U	9.6	73.4

Location	BD13-12	BD13-15	BD13-16	BD13-16	BD13-16
Sample Code	BD13-12 [10.5-11.0]	BD13-15 [2.0-2.5]	BD13-16 [1.5-2.0]	BD13-16 [12.0-12.5]	BD13-16 [14.0-14.5]
Sampling Date	7/9/1990	7/10/1990	7/10/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	10.5 - 11	2 - 2.5	1.5 - 2	12 - 12.5	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	4.7	14500	3070	71.6	11.6

Location	BD13-13	MWD13-1	MWD13-1	MWD13-1	MWD13-1
Sample Code	BD13-13 [12.0-12.5]	MWD13-1 [12.5-13.0]	MWD13-1 [14.0-14.5]	MWD13-1 [8.5-9.0]	MWD13-1 [9.5-10.0]
Sampling Date	7/9/1990	7/11/1990	7/11/1990	7/11/1990	7/11/1990
Sampling Depth (feet bgs)	12 - 12.5	12.5 - 13	14 - 14.5	8.5 - 9	9.5 - 10
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	1.9 U	2 U	2 U	1.9 U

Location	BD13-14	MWD13-2	MWD13-3
Sample Code	BD13-14 [14.5-15.0]	MWD13-2 [9.0-9.5]	MWD13-3 [5.0-5.5]
Sampling Date	7/9/1990	7/6/1990	7/6/1990
Sampling Depth (feet bgs)	14.5 - 15	9 - 9.5	5 - 5.5
Units	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte			
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	2 U	12800	18.7

Notes:

MG/KG Milligrams per kilogram

TABLE E-94: SITE 19 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

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

Location	BD13-15	BD13-15
Sample Code	BD13-15 [11.5-12.0]	BD13-15 [13.0-13.5]
Sampling Date	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	11.5 - 12	13 - 13.5
Units	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991
Analyte		
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.9 U	1.9 U

Location	BD13-16	MWD13-1
Sample Code	BD13-16 [6.0-6.5]	MWD13-1 [0.5-1.0]
Sampling Date	7/10/1990	7/11/1990
Sampling Depth (feet bgs)	6 - 6.5	.5 - 1
Units	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991
Analyte		
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	206	2.9

Location	MWD13-2
Sample Code	MWD13-2 [13.5-14.0]
Sampling Date	7/6/1990
Sampling Depth (feet bgs)	13.5 - 14
Units	MG/KG
Investigation	PH 1&2A 1991
Analyte	
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.9 U

Location	MWD13-2
Sample Code	MWD13-2 [2.0-2.5]
Sampling Date	7/6/1990
Sampling Depth (feet bgs)	2 - 2.5
Units	MG/KG
Investigation	PH 1&2A 1991
Analyte	
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.8 U

Notes:

MG/KG Milligrams per kilogram

TABLE E-95: SITE 19 GENERAL CHEMISTRY IN SOIL

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

(Page 1 of 6)

Location	B19-17	B19-17	B19-17	B19-18	B19-18	B19-18	B19-19	B19-19	B19-19
Sample Code	280-S19-001	280-S19-002	280-S19-003	280-S19-004	280-S19-005	280-S19-006	280-S19-008	280-S19-009	280-S19-010
Sampling Date	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994	8/22/1994
Sampling Depth (feet bgs)	1 - 2	2.5 - 3.5	5 - 6	1 - 2	2 - 3	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									
CHLORIDE									
CYANIDE									
IGNITABILITY, BTU/LB									
NITRATE									
PERCENT MOISTURE, %MST	7.4	11.3	15.8	5.6	6.5	13.9	13.3	15.2	17.3
PH, UNITS	7	6.7	6.8	8.5	7.7	7.7	8.3	7.6	8.8
PHOSPHORUS									
SULFATE									
SULFIDE									
TOTAL KJELDAHL NITROGEN									
TOTAL ORGANIC CARBON									

Notes:

*	Unless otherwise noted
%MST	Percent moisture
MG/KG	Miligrams per kilogram
MEQ/G	Milliequivalents per gram
BTU/LB	British thermal units per pound

TABLE E-95: SITE 19 GENERAL CHEMISTRY IN SOIL

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

Location	BD13-5	BD13-5	BD13-6	BD13-6	BD13-7	BD13-7	BD13-8	BD13-8
Sample Code	BD13-5 [1.0-1.5]	BD13-5 [2.5-3.0]	BD13-6 [1.0-1.5]	BD13-6 [2.5-3.0]	BD13-7 [1.0-1.5]	BD13-7 [2.0-2.5]	BD13-8 [1.0-1.5]	BD13-8 [3.0-3.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/5/1990	7/5/1990
Sampling Depth (feet bgs)	1 - 1.5	2.5 - 3	1 - 1.5	2.5 - 3	1 - 1.5	2 - 2.5	1 - 1.5	3 - 3.5
Units*	MG/KG	UNITS	MG/KG	UNITS	MG/KG	UNITS	MEQ/G	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	PH 1&2A 1991
Analyte								
CHLORIDE	18.6		7.1		8.5		0.1	
CYANIDE								
IGNITABILITY, BTU/LB	999 U		999 U		999 U			
NITRATE	0.16 U							
PERCENT MOISTURE, %MST								
PH, UNITS		8.9		8.4		7.4		9
PHOSPHORUS	238							
SULFATE	13.9							
SULFIDE								
TOTAL KJELDAHL NITROGEN	95.2							
TOTAL ORGANIC CARBON	100 U		100 U		100 U		4.16	

Notes:

*	Unless otherwise noted
%MST	Percent moisture
MG/KG	Miligrams per kilogram
MEQ/G	Milliequivalents per gram
BTU/LB	British thermal units per pound

TABLE E-95: SITE 19 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 3 of 6)

Location	BD13-9	BD13-9	BD13-9	BD13-10	BD13-10	BD13-11	BD13-11
Sample Code	BD13-9 [0.5-1.0]	BD13-9 [1.0-1.5]	BD13-9 [3.5-4.0]	BD13-10 [0.5-1.0]	BD13-10 [1.5-2.0]	BD13-11 [1.5-2.0]	BD13-11 [4.0-4.5]
Sampling Date	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/5/1990	7/10/1990	7/10/1990
Sampling Depth (feet bgs)	.5 - 1	1 - 1.5	3.5 - 4	.5 - 1	1.5 - 2	1.5 - 2	4 - 4.5
Units*	MG/KG	MEQ/G	UNITS	UNITS	MG/KG	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							
CHLORIDE	16						
CYANIDE							
IGNITABILITY, BTU/LB							
NITRATE							
PERCENT MOISTURE, %MST							
PH, UNITS			8.7	8.5			9.44
PHOSPHORUS							
SULFATE							
SULFIDE							
TOTAL KJELDAHL NITROGEN							
TOTAL ORGANIC CARBON		4.16			572	519	

Notes:

*	Unless otherwise noted
%MST	Percent moisture
MG/KG	Miligrams per kilogram
MEQ/G	Milliequivalents per gram
BTU/LB	British thermal units per pound

TABLE E-95: SITE 19 GENERAL CHEMISTRY IN SOIL

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

Location	BD13-12	BD13-12	BD13-13	BD13-13	BD13-14	BD13-14	BD13-15
Sample Code	BD13-12 [3.0-3.5]	BD13-12 [4.5-5.0]	BD13-13 [2.5-3.0]	BD13-13 [8.0-8.5]	BD13-14 [2.5-3.0]	BD13-14 [4.0-4.5]	BD13-15 [2.0-2.5]
Sampling Date	7/9/1990	7/9/1990	7/11/1990	7/11/1990	7/9/1990	7/9/1990	7/10/1990
Sampling Depth (feet bgs)	3 - 3.5	4.5 - 5	2.5 - 3	8 - 8.5	2.5 - 3	4 - 4.5	2 - 2.5
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							
CHLORIDE	13		8.5		11.8		11.8
CYANIDE							
IGNITABILITY, BTU/LB	999 U				999 U		
NITRATE							
PERCENT MOISTURE, %MST							
PH, UNITS		8.6		9.1		8.7	
PHOSPHORUS							
SULFATE							
SULFIDE							
TOTAL KJELDAHL NITROGEN							
TOTAL ORGANIC CARBON	519		572		364		

Notes:

*	Unless otherwise noted
%MST	Percent moisture
MG/KG	Miligrams per kilogram
MEQ/G	Milliequivalents per gram
BTU/LB	British thermal units per pound

TABLE E-95: SITE 19 GENERAL CHEMISTRY IN SOIL

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

Location	BD13-15	BD13-15	BD13-16	BD13-16	M19-05	M19-05	M19-05	MWD13-1
Sample Code	BD13-15 [2.5-3.0]	BD13-15 [8.5-9.0]	BD13-16 [2.0-2.5]	BD13-16 [5.0-5.5]	280-S19-011	280-S19-012	280-S19-013	MWD13-1 [1.0-1.5]
Sampling Date	7/10/1990	7/10/1990	7/10/1990	7/10/1990	11/6/1994	11/6/1994	11/6/1994	7/11/1990
Sampling Depth (feet bgs)	2.5 - 3	8.5 - 9	2 - 2.5	5 - 5.5	.5 - 1.5	2.5 - 3.5	4.5 - 5.5	1 - 1.5
Units*	MG/KG	UNITS	MG/KG	UNITS	%MST	%MST	%MST	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	FO 1994	FO 1994	FO 1994	PH 1&2A 1991
Analyte								
CHLORIDE								6.2
CYANIDE								
IGNITABILITY, BTU/LB								
NITRATE								
PERCENT MOISTURE, %MST					5	11	3	
PH, UNITS		11.9		9.9	9	9	9.2	
PHOSPHORUS								
SULFATE								
SULFIDE								
TOTAL KJELDAHL NITROGEN								
TOTAL ORGANIC CARBON	519		572					364

Notes:

*	Unless otherwise noted
%MST	Percent moisture
MG/KG	Miligrams per kilogram
MEQ/G	Milliequivalents per gram
BTU/LB	British thermal units per pound

TABLE E-95: SITE 19 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 6 of 6)

Location	MWD13-1	MWD13-2	MWD13-2	MWD13-3
Sample Code	MWD13-1 [7.0-7.5]	MWD13-2 [3.5-4.0]	MWD13-2 [1.5-2.0]	MWD13-3 [2.0-2.5]
Sampling Date	7/11/1990	7/27/1990	7/6/1990	7/27/1990
Sampling Depth (feet bgs)	7 - 7.5	3.5 - 4	1.5 - 2	2 - 2.5
Units*	UNITS	BTU/LB	UNITS	BTU/LB
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
CHLORIDE				
CYANIDE				
IGNITABILITY, BTU/LB		999 U		999 U
NITRATE				
PERCENT MOISTURE, %MST				
PH, UNITS	9.4		8.6	
PHOSPHORUS				
SULFATE				
SULFIDE				
TOTAL KJELDAHL NITROGEN				
TOTAL ORGANIC CARBON				

Notes:

*	Unless otherwise noted
%MST	Percent moisture
MG/KG	Miligrams per kilogram
MEQ/G	Milliequivalents per gram
BTU/LB	British thermal units per pound

TABLE E-96: SITE 19 PESTICIDES AND PCBs IN GROUNDWATER

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

(Page 1 of 2)

Location	D19-01	M19-05	MWD13-1	MWD13-2	MWD13-3	MWD13-4
Sample Code	280-S19-060	280-S19-033	280-S19-016	280-S19-021	280-S19-025	280-S19-029
Sampling Date	12/16/1994	12/13/1994	10/25/1994	10/24/1994	10/25/1994	10/25/1994
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	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
Analyte						
4,4'-DDD	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 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
4,4'-DDT	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
ALDRIN	0.05 U	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
ALPHA-CHLORDANE	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
AROCLOR-1016	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1221	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1232	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1242	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1248	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1254	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
AROCLOR-1260	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
BETA-BHC	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 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
DIELDRIN	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
ENDOSULFAN II	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
ENDOSULFAN SULFATE	0.1 U	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
ENDRIN ALDEHYDE	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
ENDRIN KETONE	0.1 U	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
GAMMA-CHLORDANE	0.05 U	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
HEPTACHLOR EPOXIDE	0.01 U	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
TOXAPHENE	3 U	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ

Notes:

PCB Polychlorinated biphenyls

UG/L Micrograms per liter

TABLE E-96: SITE 19 PESTICIDES AND PCBs IN GROUNDWATER

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

Location	MWD13-1	MWD13-2	MWD13-3	MWD13-4
Sample Code	MWD13-1 [08/09/90]	MWD13-2 [08/09/90]	MWD13-3 [08/10/90]	MWD13-4 [08/10/90]
Sampling Date	10/18/1990	8/9/1990	10/18/1990	10/17/1990
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				
4,4'-DDD	0.02 U	0.02 U	0.02 U	0.02 U
4,4'-DDE	0.02 U	0.02 U	0.02 U	0.02 U
4,4'-DDT	0.044	0.02 U	0.02 U	0.02 U
ALDRIN	0.02 U	0.02 U	0.02 U	0.02 U
ALPHA-BHC	0.02 U	0.02 U	0.02 U	0.02 U
ALPHA-CHLORDANE				
AROCLOR-1016	0.25 U	0.25 U	0.25 U	0.25 U
AROCLOR-1221	0.25 U	0.25 U	0.25 U	0.25 U
AROCLOR-1232	0.25 U	0.25 U	0.25 U	0.25 U
AROCLOR-1242	0.25 U	0.25 U	0.25 U	0.25 U
AROCLOR-1248	0.25 U	0.25 U	0.25 U	0.25 U
AROCLOR-1254	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR-1260	0.5 U	0.5 U	0.5 U	0.5 U
BETA-BHC	0.02 U	0.02 U	0.02 U	0.02 U
CHLORDANE	0.25 U	0.25 U	0.25 U	0.25 U
DELTA-BHC	0.02 U	0.02 U	0.02 U	0.02 U
DIELDRIN	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN I	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN II	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN SULFATE	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN ALDEHYDE	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN KETONE				
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U
GAMMA-CHLORDANE				
HEPTACHLOR	0.02 U	0.02 U	0.02 U	0.02 U
HEPTACHLOR EPOXIDE	0.02 U	0.02 U	0.02 U	0.02 U
METHOXYCHLOR	0.05 U	0.05 U	0.05 U	0.05 U
TOXAPHENE	1 U	1 U	1 U	1 U

Notes:

PCB Polychlorinated biphenyls

UG/L Micrograms per liter

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	M19-05	MWD13-1	MWD13-2	MWD13-3	MWD13-4
Sample Code	385-S19-006	385-S19-005	385-S19-001	385-S19-002	385-S19-003	385-S19-004
Sampling Date	7/3/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-
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	50 U	50 U	50 U	50 U	50 U	50 U
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 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
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	17 U	17 U	17 U	17 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 U	25 U	25 U	25 U	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
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 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	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	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
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

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	M19-05	MWD13-1	MWD13-2	MWD13-3	MWD13-4
Sample Code	385-S19-006	385-S19-005	385-S19-001	385-S19-002	385-S19-003	385-S19-004
Sampling Date	7/3/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS
Analyte						
HEXACHLOROCYCLOPENTADIENE	11 U	11 U	11 U	11 U	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-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 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-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	D19-01	D19-01	D19-01	DHP-S19-01	DHP-S19-02
Sample Code	280-S19-060	280-S19-061	280-S19-062	280-S19-063	280-S19-038	280-S19-039
Sampling Date	12/16/1994	3/1/1995	6/30/1995	9/15/1995	8/1/1994	8/1/1994
Sampling Depth (feet bgs)	-	-	-	-	19 -	22 -
Units	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
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	1 J	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 U	25 UJ		25 UJ	25 U	25 U
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 UJ	25 UJ
2-NITROPHENOL	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
3-NITROANILINE	25 U	25 U	25 U	25 U	25 UJ	25 UJ
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 UJ	25 U	25 U	25 U
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	10 U	10 U	10 U	10 U	10 UJ	10 UJ
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 UJ	25 UJ
4-NITROPHENOL	25 U	25 U	25 U	25 U	25 UJ	25 UJ
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
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)ANTHRACENE	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
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 UJ	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	6 UJ	4 U	4 UJ	4 UJ	4 UJ
BUTYLBENZYLPHTHALATE	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
CHRYSENE	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
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 UJ	10 UJ
DIMETHYLPHTHALATE	10 UJ	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 UJ	10 U	10 UJ	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
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

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	D19-01	D19-01	D19-01	DHP-S19-01	DHP-S19-02
Sample Code	280-S19-060	280-S19-061	280-S19-062	280-S19-063	280-S19-038	280-S19-039
Sampling Date	12/16/1994	3/1/1995	6/30/1995	9/15/1995	8/1/1994	8/1/1994
Sampling Depth (feet bgs)	-	-	-	-	19 -	22 -
Units	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
Analyte						
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 UJ	10 U	10 UJ	10 UJ
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-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 UJ	25 UJ	25 U	25 UJ	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-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	DHP-S19-03	DHP-S19-04	M19-05	M19-05	M19-05	M19-05
Sample Code	280-S19-041	280-S19-042	280-S19-033	280-S19-035	280-S19-036	280-S19-037
Sampling Date	9/1/1994	8/18/1994	12/13/1994	3/2/1995	6/29/1995	8/21/1995
Sampling Depth (feet bgs)	20.5 -	21.3 -	-	-	-	-
Units	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
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 UJ
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 U	25 UJ	25 UJ	25 UJ	25 U
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 UJ	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 UJ	25 U
2-NITROPHENOL	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
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 UJ	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
4-CHLORO-3-METHYLPHENOL	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
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 UJ	25 U
4-NITROPHENOL	25 U	25 U	25 U	25 U	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
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)ANTHRACENE	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
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 UJ	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	5 UJ	5 UJ	4 UJ	8 UJ	4 UJ	4 UJ
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 UJ	10 U	10 U	10 U
CHRYSENE	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
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 UJ	10 U	10 UJ	10 U	10 UJ	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
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

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	DHP-S19-03	DHP-S19-04	M19-05	M19-05	M19-05	M19-05
Sample Code	280-S19-041	280-S19-042	280-S19-033	280-S19-035	280-S19-036	280-S19-037
Sampling Date	9/1/1994	8/18/1994	12/13/1994	3/2/1995	6/29/1995	8/21/1995
Sampling Depth (feet bgs)	20.5 -	21.3 -	-	-	-	-
Units	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
Analyte						
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 UJ	10 UJ	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-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 UJ	25 UJ	25 UJ	25 UJ	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-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-1	MWD13-1	MWD13-1	MWD13-1	MWD13-2	MWD13-2
Sample Code	280-S19-016	280-S19-017	280-S19-018	280-S19-019	280-S19-021	280-S19-022
Sampling Date	10/25/1994	3/1/1995	6/29/1995	8/18/1995	10/24/1994	3/1/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	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
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 UJ	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U
2,4-DINITROPHENOL	25 U	25 UJ	25 UJ	25 UJ	25 UJ	25 U
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 UJ	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 UJ	10 U
2-NITROANILINE	25 U	25 U	25 UJ	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U
3,3'-DICHLOROBENZIDINE	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
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 U	25 UJ	25 U
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 UJ	10 U
4-CHLOROANILINE	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
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 UJ	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 UJ	25 U	25 UJ	25 UJ	25 UJ	25 UJ
ACENAPHTHENE	10 U	10 U	10 U	10 U	0.5 J	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U	10 U
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)ANTHRACENE	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
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 UJ	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 UJ	4 U	4 UJ
BUTYLBENZYLPHTHALATE	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
CHRYSENE	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
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
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 UJ
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U	10 UJ

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-1	MWD13-1	MWD13-1	MWD13-1	MWD13-2	MWD13-2
Sample Code	280-S19-016	280-S19-017	280-S19-018	280-S19-019	280-S19-021	280-S19-022
Sampling Date	10/25/1994	3/1/1995	6/29/1995	8/18/1995	10/24/1994	3/1/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	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
Analyte						
HEXACHLOROCYCLOPENTADIENE	10 UJ	10 U	10 U	10 U	10 UJ	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-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 UJ	25 UJ	25 U	25 U	25 UJ	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 UJ	10 U
PYRENE	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-2	MWD13-2	MWD13-3	MWD13-3	MWD13-3	MWD13-3
Sample Code	280-S19-023	280-S19-024	280-S19-025	280-S19-026	280-S19-027	280-S19-028
Sampling Date	6/30/1995	8/18/1995	10/25/1994	3/1/1995	6/29/1995	8/21/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	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
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 UJ
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 U	25 UJ	25 UJ	25 U
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 UJ	25 U
2-NITROPHENOL	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
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 UJ	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
4-CHLORO-3-METHYLPHENOL	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
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 UJ	25 UJ	25 U	25 UJ	25 U
ACENAPHTHENE	10 UJ	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U	10 U
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)ANTHRACENE	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
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 UJ	10 U	10 U	10 U	10 UJ	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	10 UJ	4 UJ	4 UJ	4 UJ	180	4 U
BUTYLBENZYLPHTHALATE	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
CHRYSENE	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
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 UJ	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
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

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-2	MWD13-2	MWD13-3	MWD13-3	MWD13-3	MWD13-3
Sample Code	280-S19-023	280-S19-024	280-S19-025	280-S19-026	280-S19-027	280-S19-028
Sampling Date	6/30/1995	8/18/1995	10/25/1994	3/1/1995	6/29/1995	8/21/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	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
Analyte						
HEXACHLOROCYCLOPENTADIENE	10 UJ	10 U	10 UJ	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	0.8 J	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
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 UJ	25 U	25 UJ	25 UJ	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	0.5 J	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-4	MWD13-4	MWD13-4	MWD13-4	MWD13-1
Sample Code	280-S19-029	280-S19-030	280-S19-031	280-S19-032	MWD13-1 [08/09/90]
Sampling Date	10/25/1994	3/1/1995	6/29/1995	8/21/1995	10/18/1990
Sampling Depth (feet bgs)	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	PH 1&2A 1991
Analyte					
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	5 U	5 U	10 U
1,3-DICHLOROBENZENE	5 U	5 U	5 U	5 U	10 U
1,4-DICHLOROBENZENE	5 U	5 U	5 U	5 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	10 U	
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	25 U	50 U
2,4,6-TRICHLOROPHENOL	10 UJ	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 U	25 UJ	25 UJ	25 U	50 U
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 UJ	25 U	50 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	10 UJ	20 U
3-NITROANILINE	25 U	25 U	25 U	25 U	50 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 U	50 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 UJ	25 U	50 U
4-NITROPHENOL	25 UJ	25 U	25 U	25 U	50 U
ACENAPHTHENE	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U
ANTHRACENE	10 U	10 U	10 U	10 U	10 U
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	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
BENZO(K)FLUORANTHENE	10 U	10 U	10 UJ	10 UJ	10 U
BENZOIC ACID					50 U
BENZYL ALCOHOL					10 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 U	4 U	4 UJ	4 U	10 U
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 U	
CHRYSENE	10 U	10 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U	10 UJ	10 U
FLUORANTHENE	0.6 J	10 U	10 U	10 U	10 U
FLUORENE	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-4	MWD13-4	MWD13-4	MWD13-4	MWD13-1
Sample Code	280-S19-029	280-S19-030	280-S19-031	280-S19-032	MWD13-1 [08/09/90]
Sampling Date	10/25/1994	3/1/1995	6/29/1995	8/21/1995	10/18/1990
Sampling Depth (feet bgs)	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	PH 1&2A 1991
Analyte					
HEXACHLOROCYCLOPENTADIENE	10 UJ	10 U	10 U	10 U	10 U
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 UJ	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	2 J	10 U	2 J	2 J	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 UJ	25 UJ	25 U	25 UJ	50 U
PHENANTHRENE	0.8 J	10 U	10 U	0.5 J	10 U
PHENOL	10 U	10 U	10 U	10 U	10 U
PYRENE	0.8 J	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-2	MWD13-3	MWD13-4
Sample Code	MWD13-2 [08/09/90]	MWD13-3 [08/10/90]	MWD13-4 [08/10/90]
Sampling Date	8/9/1990	10/18/1990	10/17/1990
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			
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U
1,2-DICHLOROBENZENE	10 U	10 U	10 U
1,3-DICHLOROBENZENE	10 U	10 U	10 U
1,4-DICHLOROBENZENE	10 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)			
2,4,5-TRICHLOROPHENOL	50 U	50 U	50 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U
2,4-DINITROPHENOL	50 U	50 U	50 U
2,4-DINITROTOLUENE	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U
2-NITROANILINE	50 U	50 U	50 U
2-NITROPHENOL	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	20 U	20 U	20 U
3-NITROANILINE	50 U	50 U	50 U
4,6-DINITRO-2-METHYLPHENOL	50 U	50 U	50 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U
4-NITROANILINE	50 U	50 U	50 U
4-NITROPHENOL	50 U	50 U	50 U
ACENAPHTHENE	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U
ANTHRACENE	10 U	10 U	10 U
BENZO(A)ANTHRACENE	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U
BENZOIC ACID	50 U	50 U	50 U
BENZYL ALCOHOL	10 U	10 U	10 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U	10 U	10 U
BUTYLBENZYLPHTHALATE	10 U	10 U	10 U
CARBAZOLE			
CHRYSENE	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U
FLUORENE	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U

TABLE E-97: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-2	MWD13-3	MWD13-4
Sample Code	MWD13-2 [08/09/90]	MWD13-3 [08/10/90]	MWD13-4 [08/10/90]
Sampling Date	8/9/1990	10/18/1990	10/17/1990
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			
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 U
HEXACHLOROETHANE	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U
PENTACHLOROPHENOL	50 U	50 U	50 U
PHENANTHRENE	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U
PYRENE	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-98: SITE 19 POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER

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

Location	D19-01	M19-05	MWD13-1	MWD13-2	MWD13-3	MWD13-4
Sample Code	385-S19-006	385-S19-005	385-S19-001	385-S19-002	385-S19-003	385-S19-004
Sampling Date	7/3/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS
Analyte						
ACENAPHTHENE	5 U	5 U	5 U	5 U	5 U	5 U
ACENAPHTHYLENE	2 U	2 U	2 U	2 U	2 U	2 U
ANTHRACENE	0.2 U	0.2 U	0.1 J	0.2 U	0.2 U	0.2 U
BENZO(A)ANTHRACENE	0.2 U	0.2 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	0.2 U	0.2 U
BENZO(B)FLUORANTHENE	0.2 U	0.2 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	0.2 U	0.2 U
BENZO(K)FLUORANTHENE	0.2 U	0.2 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	0.2 U	0.2 U
DIBENZO(A,H)ANTHRACENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
FLUORANTHENE	0.2 U	0.2 U	0.1 J	0.2 U	0.2 U	0.2 J
FLUORENE	1 U	1 U	0.7 J	1 U	1 U	1 U
INDENO(1,2,3-CD)PYRENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NAPHTHALENE	5 U	5 U	4 J	5 U	5 U	5 U
PHENANTHRENE	1 U	1 U	0.8 J	1 U	1 U	1 U
PYRENE	0.2 U	0.2 U	0.1 J	0.2 J	0.1 J	0.1 J

Notes:

UG/L Micrograms per liter

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	M19-05	MWD13-1	MWD13-2	MWD13-3	MWD13-4	D19-01
Sample Code	385-S19-006	385-S19-005	385-S19-001	385-S19-002	385-S19-003	385-S19-004	280-S19-060
Sampling Date	7/3/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001	12/16/1994
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	FO 1994
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	2 U	2 U	2 U	2 U	2 UJ	0.6 J	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U
1,1,2-TRICHLOROETHANE	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U
1,1-DICHLOROETHANE	0.5 U	0.5 U	2	0.5 J	3 J	9	1 U
1,1-DICHLOROETHENE	2 U	2 U	2 U	2 U	2 UJ	0.4 J	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 U	2 UJ	2 U	
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)	2 U	2 U	8	2 U	0.3 J	2 J	1 U
1,2-DICHLOROPROPANE	2 U	2	2 U	2 U	2 UJ	2 U	1 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 UJ	2 U	
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 UJ	2 U	
2,2-DICHLOROPROPANE							
2-BUTANONE	2 UJ	2 UJ	0.7 J	2 UJ	2 UJ	2 UJ	
2-CHLOROTOLUENE							
2-HEXANONE	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 U
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 U
ACETONE	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.3 J	1 U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U
BROMOFORM	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U
BROMOMETHANE	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U
CARBON DISULFIDE	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
CHLOROBENZENE	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U
CHLOROETHANE	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U
CHLOROFORM	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U
CHLOROMETHANE	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U
CIS-1,2-DICHLOROETHENE							
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DICHLOROETHENE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U
ETHYLENE DIBROMIDE							
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	1 U
METHYL-T-BUTYL ETHER	5 U	5 U	5 U	5 U	5 UJ	5 U	
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	M19-05	MWD13-1	MWD13-2	MWD13-3	MWD13-4	D19-01
Sample Code	385-S19-006	385-S19-005	385-S19-001	385-S19-002	385-S19-003	385-S19-004	280-S19-060
Sampling Date	7/3/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001	12/16/1994
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	FO 1994
Analyte							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	2 U	2 U	2 U	2 U	2 UJ	7	1 U
TOLUENE	2 U	2 U	2 U	2 U	2 UJ	2 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 UJ	0.5 U	0.5 U
TRICHLOROETHENE	2 U	2 U	2 U	2 U	0.7 J	2 J	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)	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	D19-01	D19-01	DHP-S19-01	DHP-S19-02	DHP-S19-03	DHP-S19-04
Sample Code	280-S19-061	280-S19-062	280-S19-063	280-S19-038	280-S19-039	280-S19-041	280-S19-042
Sampling Date	3/1/1995	6/30/1995	9/15/1995	8/1/1994	8/1/1994	9/1/1994	8/18/1994
Sampling Depth (feet bgs)	-	-	-	19 -	22 -	20.5 -	21.3 -
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	8	1 U	1 U	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 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	27	1 U	4
1,1-DICHLOROETHENE	2	1 U	1 U	1 U	2	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	0.7
1,2-DICHLOROETHENE (TOTAL)	1 U	1 U	1 U	1 U	3	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						14 UJ	
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						3 UJ	38 J
BENZENE	1 UJ	0.5 U	0.5 U	1 U	1 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 UJ	1 UJ	1 U	1 U
BROMOMETHANE	2 U	1 U	1 U	2 U	2 U	2 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 U	2 U	2 U	2 U	2 U	2 U
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 UJ	2 U	2 U
CIS-1,2-DICHLOROETHENE							
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							
DICHLOROETHENE							
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 U	1 U	1 U	1 U	1 U
METHYL-T-BUTYL ETHER							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	D19-01	D19-01	DHP-S19-01	DHP-S19-02	DHP-S19-03	DHP-S19-04
Sample Code	280-S19-061	280-S19-062	280-S19-063	280-S19-038	280-S19-039	280-S19-041	280-S19-042
Sampling Date	3/1/1995	6/30/1995	9/15/1995	8/1/1994	8/1/1994	9/1/1994	8/18/1994
Sampling Depth (feet bgs)	-	-	-	19 -	22 -	20.5 -	21.3 -
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							
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	5	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	4	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-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	M19-05	M19-05	M19-05	M19-05	MWD13-1	MWD13-1	MWD13-1
Sample Code	280-S19-033	280-S19-035	280-S19-036	280-S19-037	280-S19-016	280-S19-017	280-S19-018
Sampling Date	12/13/1994	3/2/1995	6/29/1995	8/21/1995	10/25/1994	3/1/1995	6/29/1995
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 UJ	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	3	3	3
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	1 UJ	0.5 U	0.5 U
1,2-DICHLOROETHENE (TOTAL)	1 U	1 U	1 U	1 U	2	3	3
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-CHLOROTOLUENE							
2-HEXANONE	2 U	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							
BENZENE	1 U	1 U	0.5 U	0.5 U	1 U	1 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	2 U	1 U	1 U	2 U	2 U	1 U
CARBON DISULFIDE	1 UJ	1 UJ	1 U	1 U	1 U	1 UJ	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 U	2 U	2 U
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE							
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							
DICHLOROETHENE							
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 U	1 UJ	1 U
METHYL-T-BUTYL ETHER							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	M19-05	M19-05	M19-05	M19-05	MWD13-1	MWD13-1	MWD13-1
Sample Code	280-S19-033	280-S19-035	280-S19-036	280-S19-037	280-S19-016	280-S19-017	280-S19-018
Sampling Date	12/13/1994	3/2/1995	6/29/1995	8/21/1995	10/25/1994	3/1/1995	6/29/1995
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							
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	5	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)	2	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-1	MWD13-2	MWD13-2	MWD13-2	MWD13-2	MWD13-3	MWD13-3
Sample Code	280-S19-019	280-S19-021	280-S19-022	280-S19-023	280-S19-024	280-S19-025	280-S19-026
Sampling Date	8/18/1995	10/24/1994	3/1/1995	6/30/1995	8/18/1995	10/25/1994	3/1/1995
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	0.7 J	1 U	2	2
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	3	2	1	1	2	7	3
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)	3	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-CHLOROTOLUENE							
2-HEXANONE	2 U	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							
BENZENE	0.5 U	1 U	1 UJ	0.5 U	0.5 U	1 U	1 UJ
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 U	1 U	1 U	2 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 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	2 UJ	2 U	2 U	2 U	2 UJ	2 U	2 U
CIS-1,2-DICHLOROETHENE							
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							
DICHLOROETHENE							
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 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U
METHYL-T-BUTYL ETHER							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-1	MWD13-2	MWD13-2	MWD13-2	MWD13-2	MWD13-3	MWD13-3
Sample Code	280-S19-019	280-S19-021	280-S19-022	280-S19-023	280-S19-024	280-S19-025	280-S19-026
Sampling Date	8/18/1995	10/24/1994	3/1/1995	6/30/1995	8/18/1995	10/25/1994	3/1/1995
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							
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	0.9 J	1
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 UJ	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-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-3	MWD13-3	MWD13-4	MWD13-4	MWD13-4	MWD13-4	D19-01
Sample Code	280-S19-027	280-S19-028	280-S19-029	280-S19-030	280-S19-031	280-S19-032	108-S04-045
Sampling Date	6/29/1995	8/21/1995	10/25/1994	3/1/1995	6/29/1995	8/21/1995	5/8/1998
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 1994	FO 1994	FO 1998
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	1	1	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	3	5	11	11	12	15	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 UJ
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							1 UJ
1,2-DICHLOROBENZENE							1 U
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	0.7 J	0.8 J	
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
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE							1 U
2,2-DICHLOROPROPANE							
2-BUTANONE							
2-CHLOROTOLUENE							
2-HEXANONE	2 U	2 U	2 U	2 U	2 U		5 U
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	2 U	2 U	2 U	2 U	2 U	2 U	5 U
ACETONE							
BENZENE	0.5 U	0.5 U	2	1 J	0.9	1	0.5 U
BROMOBENZENE							
BROMOCHLOROMETHANE							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	1 U	1 U	2 U	2 U	1 U	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 U	2 U	2 U	2 U	2 U	1 U
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	1 U
CIS-1,2-DICHLOROETHENE							1 U
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							
DICHLOROETHENE							
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
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	1 U	1 U	1 U	1 U	1 U	1 U	2 U
METHYL-T-BUTYL ETHER							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-3	MWD13-3	MWD13-4	MWD13-4	MWD13-4	MWD13-4	D19-01
Sample Code	280-S19-027	280-S19-028	280-S19-029	280-S19-030	280-S19-031	280-S19-032	108-S04-045
Sampling Date	6/29/1995	8/21/1995	10/25/1994	3/1/1995	6/29/1995	8/21/1995	5/8/1998
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 1994	FO 1994	FO 1998
Analyte							
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	0.9 J	4	5	9	12	1 U
TOLUENE	1 U	1 U	1 U	1 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	0.5 U	0.5 U
TRICHLOROETHENE	1 U	1 U	0.9 J	0.7 J	2	2	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-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	MWD13-2	MWD13-2	MWD13-3	MWD13-3	MWD13-3	MWD13-3
Sample Code	108-S19-004	108-S04-046	108-S19-005	108-S19-001	108-S19-002	108-S19-003	108-S19-006
Sampling Date	8/6/1998	5/6/1998	8/10/1998	11/10/1997	2/12/1998	5/13/1998	8/11/1998
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	FO 1998	FO 1998
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	1 UJ	1 U	1 U	1 J	1 U	1 U	1
1,1,2,2-TETRACHLOROETHANE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 UJ	1 U	1	6 J	2	3	6
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 UJ	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE	1 UJ	1 U	1 U	1 U	1 U	1 UJ	1 U
1,2-DICHLOROBENZENE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	0.5 UJ	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	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE							
2-BUTANONE							
2-CHLOROTOLUENE							
2-HEXANONE		5 U		5 UJ	5 U	5 U	
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE	5 UJ	5 U	5 UJ	5 U	5 U	5 U	5 UJ
ACETONE							
BENZENE	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
BROMOBENZENE							
BROMOCHLOROMETHANE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 U
CARBON DISULFIDE	1 UJ	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 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U
CHLOROETHANE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ
CIS-1,2-DICHLOROETHENE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DICHLOROETHENE							
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U
ETHYLENE DIBROMIDE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							
METHYLENE CHLORIDE	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
METHYL-T-BUTYL ETHER							
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	MWD13-2	MWD13-2	MWD13-3	MWD13-3	MWD13-3	MWD13-3
Sample Code	108-S19-004	108-S04-046	108-S19-005	108-S19-001	108-S19-002	108-S19-003	108-S19-006
Sampling Date	8/6/1998	5/6/1998	8/10/1998	11/10/1997	2/12/1998	5/13/1998	8/11/1998
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	FO 1998	FO 1998
Analyte							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
XYLENE (TOTAL)	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	D19-01	MWD13-3	MWD13-3	MWD13-4
Sample Code	D19-01-A1586	D19-01-A1085	MWD13-3-A1658	MWD13-3-A1157	MWD13-4-A1659
Sampling Date	12/11/2002	7/12/2002	12/18/2002	6/19/2002	12/16/2002
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	2.8	1.4	0.8
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	1.3	2.9	7.6
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J
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 U	0.5 U	0.5 U	0.5 U	0.5 U
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 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
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 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
2,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	10 U	10 U	10 U	10 U	10 UJ
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 U	10 U	10 U
ACETONE	0.5 U	10 UJ	10 UJ	1.4 J	0.5 UJ
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J
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 U	1 U	1 U
BROMOMETHANE	1 U	1 U	1 UJ	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.4 J	4.4	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	0.5 U
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	0.2 J	2.6
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 U	1 U	1 UJ	1 U	1 U
DICHLOROETHENE					
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 U	0.5 U	0.5 U
HEXACHLOROBUTADIENE	0.5 U	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 U	5 U	0.3 U	1.9 U	0.2 UJ
METHYL-T-BUTYL ETHER	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U
NAPHTHALENE	2 U	2 U	2 U	2 U	2.7 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

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	D19-01	D19-01	MWD13-3	MWD13-3	MWD13-4
Sample Code	D19-01-A1586	D19-01-A1085	MWD13-3-A1658	MWD13-3-A1157	MWD13-4-A1659
Sampling Date	12/11/2002	7/12/2002	12/18/2002	6/19/2002	12/16/2002
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					
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	20 U	10 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 U	0.5 U	0.4 J	0.5 J	17 J
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 U	0.5 U	0.6	3.6
TRICHLOROFLUOROMETHANE	1 U	1 U	1 UJ	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-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-4	MWD13-4	MWD13-4	MWD13-1	MWD13-2
Sample Code	MWD13-4-A2001	MWD13-4-A1158	MWD13-4-A1349	MWD13-1 [08/09/90]	MWD13-2 [08/09/90]
Sampling Date	4/10/2003	6/19/2002	9/5/2002	10/18/1990	8/9/1990
Sampling Depth (feet bgs)	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	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	2.3	3.2	2.6	5 U	5 U
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	5 U	5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	5 U	5 U
1,1-DICHLOROETHANE	6	9	9.8	12	5 U
1,1-DICHLOROETHENE	0.2 J	0.4 J	0.4 J	5 U	5 U
1,1-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U		
1,2,3-TRICHLOROBENZENE	0.5 UJ	0.5 U	0.5 U		
1,2,3-TRICHLOROPROPANE	0.5 U	0.5 U	0.5 U		
1,2,4-TRICHLOROBENZENE	0.5 UJ	0.1 J	0.5 U		
1,2,4-TRIMETHYLBENZENE	0.5 U	0.5 U	0.5 U		
1,2-DIBROMO-3-CHLOROPROPANE	0.5 U	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	5 U	5 U
1,2-DICHLOROETHENE (TOTAL)				7	5 U
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	5 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 U	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 U	0.5 U		
2-BUTANONE	10 U	10 U	10 U	10 U	10 U
2-CHLOROTOLUENE	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		
4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U	10 U
ACETONE	10 U	10 U	10 U	10 U	10 U
BENZENE	0.2 J	0.3 U	0.2 J	5 U	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	5 U	5 U
BROMOFORM	1 U	1 U	1 U	5 U	5 U
BROMOMETHANE	1 U	1 U	1 U	10 U	10 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	5 U	5 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	5 U	5 U
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	5 U	5 U
CHLOROETHANE	1 U	1 U	1 U	10 U	10 U
CHLOROFORM	0.2 J	0.5 U	0.5 U	5 U	5 U
CHLOROMETHANE	1 U	1 U	1 U	10 U	10 U
CIS-1,2-DICHLOROETHENE	2.2	3.4	3.2		
CIS-1,3-DICHLOROPROPENE				5 U	5 U
DIBROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	5 U	5 U
DIBROMOMETHANE	0.5 U	0.5 U	0.5 U		
DICHLORODIFLUOROMETHANE	1 UJ	1 U	1 U		
DICHLOROETHENE					
DIISOPROPYL ETHER	0.5 U	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	0.1 J	5 U	5 U
ETHYLENE DIBROMIDE	0.5 U	0.5 U	0.5 U		
HEXACHLOROBUTADIENE	0.5 U	0.5 U	0.5 U		
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U		
M,P-XYLENE	0.5 U	0.5 U	0.4 J		
METHYLENE CHLORIDE	5 U	1.4 U	5 U	9 UJ	11 UJ
METHYL-T-BUTYL ETHER	0.5 U	0.5 U	0.2 U		
NAPHTHALENE	2.3 UJ	1.8 J	2.2		
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	0.1 J		

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-4	MWD13-4	MWD13-4	MWD13-1	MWD13-2
Sample Code	MWD13-4-A2001	MWD13-4-A1158	MWD13-4-A1349	MWD13-1 [08/09/90]	MWD13-2 [08/09/90]
Sampling Date	4/10/2003	6/19/2002	9/5/2002	10/18/1990	8/9/1990
Sampling Depth (feet bgs)	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	GWM 2003	GWM 2003	GWM 2003	PH 1&2A 1991	PH 1&2A 1991
Analyte					
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	5 U	5 U
TERT-AMYL METHYL ETHER	0.5 U	0.5 U	0.5 U		
TERT-BUTANOL	10 U	20 U	20 U		
TERT-BUTYLBENZENE	0.5 U	0.5 U	0.5 U		
TETRACHLOROETHENE	12	18	22	5 U	5 U
TOLUENE	0.5 U	0.4 J	0.5 U	5 U	5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.1 J		
TRANS-1,3-DICHLOROPROPENE				5 U	5 U
TRICHLOROETHENE	2.6	3.3	4.2	5 U	5 U
TRICHLOROFLUOROMETHANE	1 U	1 U	1 U		
VINYL ACETATE				5 U	5 U
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	10 U	10 U
XYLENE (TOTAL)				5 U	5 U

Notes:

UG/L Micrograms per liter

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-3	MWD13-4
Sample Code	MWD13-3 [08/10/90]	MWD13-4 [08/10/90]
Sampling Date	10/18/1990	10/17/1990
Sampling Depth (feet bgs)	-	-
Units	UG/L	UG/L
Investigation	PH 1&2A 1991	PH 1&2A 1991
Analyte		
1,1,1,2-TETRACHLOROETHANE		
1,1,1-TRICHLOROETHANE	5 U	5 U
1,1,2,2-TETRACHLOROETHANE	5 U	5 U
1,1,2-TRICHLOROETHANE	5 U	5 U
1,1-DICHLOROETHANE	6	10
1,1-DICHLOROETHENE	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
1,2-DICHLOROETHENE (TOTAL)	5 U	5 U
1,2-DICHLOROPROPANE	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
2-CHLOROTOLUENE		
2-HEXANONE	10 U	10 U
4-CHLOROTOLUENE		
4-METHYL-2-PENTANONE	10 U	10 U
ACETONE	10 U	10 U
BENZENE	5 U	5 U
BROMOBENZENE		
BROMOCHLOROMETHANE		
BROMODICHLOROMETHANE	5 U	5 U
BROMOFORM	5 U	5 U
BROMOMETHANE	10 U	10 U
CARBON DISULFIDE	5 U	5 U
CARBON TETRACHLORIDE	5 U	5 U
CHLOROBENZENE	5 U	5 U
CHLOROETHANE	10 U	10 U
CHLOROFORM	5 U	5 U
CHLOROMETHANE	10 U	10 U
CIS-1,2-DICHLOROETHENE		
CIS-1,3-DICHLOROPROPENE	5 U	5 U
DIBROMOCHLOROMETHANE	5 U	5 U
DIBROMOMETHANE		
DICHLORODIFLUOROMETHANE		
DICHLOROETHENE		
DIISOPROPYL ETHER		
ETHYL TERT-BUTYL ETHER		
ETHYLBENZENE	5 U	5 U
ETHYLENE DIBROMIDE		
HEXACHLOROBUTADIENE		
ISOPROPYLBENZENE		
M,P-XYLENE		
METHYLENE CHLORIDE	12 UJ	12 UJ
METHYL-T-BUTYL ETHER		
NAPHTHALENE		
N-BUTYLBENZENE		
N-PROPYLBENZENE		
O-XYLENE		

TABLE E-99: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MWD13-3	MWD13-4
Sample Code	MWD13-3 [08/10/90]	MWD13-4 [08/10/90]
Sampling Date	10/18/1990	10/17/1990
Sampling Depth (feet bgs)	-	-
Units	UG/L	UG/L
Investigation	PH 1&2A 1991	PH 1&2A 1991
Analyte		
P-ISOPROPYLTOLUENE		
SEC-BUTYLBENZENE		
STYRENE	5 U	5 U
TERT-AMYL METHYL ETHER		
TERT-BUTANOL		
TERT-BUTYLBENZENE		
TETRACHLOROETHENE	5 U	5 U
TOLUENE	5 U	5 U
TRANS-1,2-DICHLOROETHENE		
TRANS-1,3-DICHLOROPROPENE	5 U	5 U
TRICHLOROETHENE	5 U	5 U
TRICHLOROFLUOROMETHANE		
VINYL ACETATE	5 U	5 U
VINYL CHLORIDE	10 U	10 U
XYLENE (TOTAL)	5 U	5 U

Notes:
UG/L Micrograms per liter

TABLE E-100:. SITE 19 DISSOLVED METALS IN GROUNDWATER

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

Location	D19-01	D19-01	D19-01	D19-01	DHP-S19-01	DHP-S19-02	DHP-S19-03	DHP-S19-04	M19-05	M19-05
Sample Code	280-S19-060	280-S19-061	280-S19-062	280-S19-063	280-S19-038	280-S19-039	280-S19-041	280-S19-042	280-S19-033	280-S19-035
Sampling Date	12/16/1994	3/1/1995	6/30/1995	9/15/1995	8/1/1994	8/1/1994	9/1/1994	8/18/1994	12/13/1994	3/2/1995
Sampling Depth (feet bgs)	-	-	-	-	19 -	22 -	20.5 -	21.3 -	-	-
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										
ALUMINUM	28.2 U	40.8 U	20.7 U	11.4 UJ	42.4 U	42.4 U	42.4 U	61.3 UJ	28.2 U	40.8 U
ANTIMONY	22 U	11 U	19.2 U	28 U	5.9 J	4 J	7 UJ	12.6 J	3.3 U	11 U
ARSENIC	50 U	25 U	12 U	14 U	3.2 J	2.6 U	2.6 U	2.6 U	3.4 U	25 U
BARIUM	67.9 J	98.2 J	52 UJ	56.4 J	293	74.1 J	45.7 J	116 J	179 J	152 J
BERYLLIUM	1.5 UJ	1.1 J	0.7 U	0.1 U	2.5 UJ	2 UJ	2.1 J	1.1 U	1 U	1.3 J
CADMIUM	4 U	2 U	2.1 J	1.5 U	0.4 U	0.4 U	0.4 U	0.58 J	0.99 J	2 UJ
CALCIUM	687000 J	694000	627000	663000	139000	33300	24300 J	121000	217000	213000
CHROMIUM	16 U	19.4 J	2.1 U	5 U	5.2 J	0.4 U	3.2 UJ	0.4 U	0.6 U	8 U
COBALT	7.7 U	8.5 J	4.6 U	4.7 UJ	8.5 J	10.3 J	6.6 U	8 UJ	7.7 U	13.9 J
COPPER	15 UJ	12.3 UJ	6 UJ	12 U	14.7 J	7.2 J	15 UJ	14 UJ	6.3 UJ	7.8 UJ
IRON	9 U	6.7 U	3.4 UJ	18.7 UJ	13.4 UJ	28.2 UJ	134 J	100 UJ	9 U	8.6 UJ
LEAD	10 U	5 U	3.9 U	5.5 U	1.2 U	1.2 U	1.2 U	1.2 U	1.5 U	5 U
MAGNESIUM	780000	732000	725000	762000	147000	32200	18500 J	175000	243000	248000
MANGANESE	10200	8380	8950	9510	300	695	434 J	1700	5480	5170
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
MOLYBDENUM	12.7 U	9.6 U	9.8 U	7.9 U	14 U	16.2 UJ	14 U	14 U	12.7 U	9.6 U
NICKEL	9.3 U	13.9 J	9.3 U	7.5 U	17.2 J	26.5 J	17.6 J	21.3 J	27.9 J	21.5 J
POTASSIUM	15200	14400	11000	10300	5830	4730 J	3750 UJ	15900	4110 J	3100 J
SELENIUM	27 U	13.5 U	7.8 U	12 U	2.7 U	2.7 U	2.7 U	2.7 U	3 U	13.5 U
SILVER		10 U	2.7 U	4.5 U	1.5 UJ	1.8 UJ	0.9 UJ	1.3 UJ	1.4 U	10 U
SODIUM	2890000 J	2280000	2700000	2450000	332000	183000	470000	783000	619000	600000
THALLIUM	38 U	19 U	8.7 U	17 U	4.2 UJ	5.4 UJ	2.8 UJ	6.6 UJ	4.2 UJ	19 U
TITANIUM										
VANADIUM	7 U	5.9 UJ	7.2 U	3.7 U	6.8 U	6.8 U	11.1 UJ	6.8 U	9.9 UJ	4.6 UJ
ZINC	10.4 UJ	10.6 UJ	5.3 U	15.4 J	33.7 UJ	587	66.4 J	29.2 UJ	25.3 UJ	11.1 UJ

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-100: SITE 19 DISSOLVED METALS IN GROUNDWATER

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

Location	M19-05	M19-05	MWD13-1	MWD13-1	MWD13-1	MWD13-1	MWD13-2	MWD13-2	MWD13-2	MWD13-2
Sample Code	280-S19-036	280-S19-037	280-S19-016	280-S19-017	280-S19-018	280-S19-019	280-S19-021	280-S19-022	280-S19-023	280-S19-024
Sampling Date	6/29/1995	8/21/1995	10/25/1994	3/1/1995	6/29/1995	8/18/1995	10/24/1994	3/1/1995	6/30/1995	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										
ALUMINUM	20.7 U	8.4 U	28.2 U	40.8 U	20.7 U	15.4 UJ	28.2 U	40.8 U	20.7 U	8.4 U
ANTIMONY	6.4 U	5.6 U	3.3 U	2.2 U	6.4 U	5.6 U	3.3 U	2.4 UJ	6.4 U	5.6 U
ARSENIC	4 U	2.8 U	8.8 J	11.1	10.4	10.6 UJ	3.4 U	5 U	4 U	2.8 U
BARIUM	128 J	133 J	52.8 J	55.8 J	64.6 J	75.5 J	118 J	68.7 J	51.2 UJ	73.1 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
CADMIUM	2.4 J	0.3 U	0.3 U	0.4 U	0.36 J	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U
CALCIUM	183000	185000	26500	31200	29600	29100	49000	37100	25700	28500
CHROMIUM	1 U	1.5 J	0.6 U	1.6 U	1 J	1.1 J	0.6 U	1.6 U	0.7 U	1 U
COBALT	9.7 UJ	11.2 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	4.9 UJ	12 U	8.2 UJ	15.1 UJ	13.1 UJ	12 U	5.7 UJ	18.7 UJ	4.4 UJ	12 U
IRON	3.2 U	4.8 U	30.3 J	207	558	572	42.2 J	33 UJ	11.3 UJ	11.8 UJ
LEAD	5.3	1.1 U	1.5 U	1 U	1.3 U	1.1 U	1.5 U	1 U	1.3 U	1.1 U
MAGNESIUM	227000	230000	25300	34500	34500	32600	19200	13600	10300	11500
MANGANESE	4760	4810	1610	2410	2270	2010	112	175	105	129
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
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	9.8 U	7.9 U
NICKEL	27.1 UJ	27.7 UJ	27.9 J	20.9 J	16.2 UJ	19 UJ	24.1 J	11.3 U	9.3 U	7.5 U
POTASSIUM	2600 J	2210 UJ	11700	18500	20800	19000	16900	13600	8420	10600
SELENIUM	2.6 U	2.7 J	3.2 J	2.7 U	5.6 UJ	2.4 UJ	3.5 J	2.7 U	2.6 U	2.4 UJ
SILVER	0.9 U	0.9 U	1.4 U	2 U	0.9 U	0.9 U	1.7 UJ	2 U	1.1 U	0.9 U
SODIUM	596000	603000	389000	389000	395000	401000	57700	38600	20800	28300
THALLIUM	3.4 U	3.4 U	2.3 U	3.8 U	3.4 U	3.4 U	2.3 U	3.8 U	2.9 U	3.4 U
TITANIUM										
VANADIUM	7.2 U	3.7 U	7 U	7.3 UJ	7.2 U	8 UJ	7 U	4.2 U	7.2 U	3.7 U
ZINC	20.9 UJ	13.1 U	19.2 J	16.1 UJ	5.3 U	26.1 UJ	65.3	7.7 UJ	6.6 UJ	13.1 UJ

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-100: SITE 19 DISSOLVED METALS IN GROUNDWATER

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

Location	MWD13-3	MWD13-3	MWD13-3	MWD13-3	MWD13-4	MWD13-4	MWD13-4	MWD13-4	D19-01	MWD13-2
Sample Code	280-S19-025	280-S19-026	280-S19-027	280-S19-028	280-S19-029	280-S19-030	280-S19-031	280-S19-032	108-S04-045	108-S04-046
Sampling Date	10/25/1994	3/1/1995	6/29/1995	8/21/1995	10/25/1994	3/1/1995	6/29/1995	8/21/1995	5/8/1998	5/6/1998
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
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1998	FO 1998
Analyte										
ALUMINUM	29.9 UJ	40.8 U	48.6 UJ	40.4 UJ	28.2 U	81.9 UJ	429	385	32.4 UJ	81.5 UJ
ANTIMONY	3.3 U	2.2 U	6.4 U	5.6 U	3.3 U	2.8 UJ	6.4 U	5.6 U	0.85 U	0.85 U
ARSENIC	6.6 J	5 U	4 U	4.5 UJ	6.1 J	5 U	4 U	3.8 UJ	1 U	1 U
BARIUM	27.7 J	24.9 UJ	27.7 UJ	35.2 J	24.2 J	14.8 UJ	12.6 UJ	15 J	306	266 UJ
BERYLLIUM	1 U	0.8 U	0.7 U	0.1 U	1 U	0.8 U	0.7 U	0.1 U	0.1 UJ	0.1 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	5.5 J	0.2 J
CALCIUM	27600	32500	30000	34600	30800	28700	24800	25700	689000	16600 UJ
CHROMIUM	0.6 U	1.6 U	1 U	1 U	0.6 U	1.6 U	1.4 J	1 U	0.35 UJ	0.35 U
COBALT	7.7 U	5.6 U	4.6 U	3.8 U	7.7 U	5.6 U	4.6 U	3.8 U	0.51 J	0.3 U
COPPER	3 UJ	2.5 U	4.2 U	12 U	3.9 UJ	6.7 UJ	4.2 U	12 U	3.4 UJ	1.7 UJ
IRON	51.1 J	17.9 UJ	41.2 UJ	19.5 UJ	10.1 J	6.7 U	21.9 UJ	4.8 U	91	76.8
LEAD	2.9 J	1 U	1.3 U	1.1 U	1.5 U	1 U	1.3 U	1.1 U	1.8 UJ	1.1 UJ
MAGNESIUM	4540 J	4980 J	4770 J	5620	128 UJ	96.6 J	32.4 U	13.2 U	741000	6090 UJ
MANGANESE	5.9 J	35.9	51.3	48.1	1.6 U	1.1 U	1.9 UJ	0.9 U	1050	13.3
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	0.1 U	0.1 U
MOLYBDENUM	12.7 U	9.6 U	9.8 U	7.9 U	12.7 U	9.8 J	9.8 U	8.2 J	0.56 J	1.5 J
NICKEL	11.2 J	11.3 U	9.3 U	7.5 U	9.3 U	11.3 U	9.3 U	7.5 U	21.8	2.2 J
POTASSIUM	11000	9180	7990	10100	16500	15200	14000	14300	29000 J	3240
SELENIUM	3 U	2.7 U	2.6 UJ	2.4 U	3 U	2.7 U	4 UJ	2.4 U	0.85 UJ	
SILVER	1.4 UJ	2 U	0.9 U	0.9 U	1.4 U	2 U	0.9 U	0.9 U	0.3 U	0.43 J
SODIUM	94200	64000	47100	63100	230000	233000	206000	211000	1990000	14900
THALLIUM	2.3 U	3.8 U	3.6 J	3.4 U	2.3 U	3.8 U	3.4 U	3.4 U	1.4 U	1.4 U
TITANIUM										
VANADIUM	7 U	4.2 U	7.2 U	3.7 U	21.8 J	18.6 UJ	15.8 J	18.2 UJ	0.25 UJ	1.1 UJ
ZINC	19.3 J	8.4 UJ	5.3 U	13.1 U	11.6 J	6.1 UJ	5.3 U	13.1 U	259	83.9 UJ

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-100: SITE 19 DISSOLVED METALS IN GROUNDWATER

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

Location	MWD13-3	MWD13-3	MWD13-3	D19-01	D19-01	MWD13-3	MWD13-3	MWD13-4	MWD13-4
Sample Code	108-S19-001	108-S19-002	108-S19-003	D19-01-A1586	D19-01-A1085	MWD13-3-A1658	MWD13-3-A1157	MWD13-4-A1659	MWD13-4-A1158
Sampling Date	11/10/1997	2/12/1998	5/13/1998	12/11/2002	7/12/2002	12/18/2002	6/19/2002	12/16/2002	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	FO 1998	FO 1998	FO 1998	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte									
ALUMINUM	40 UJ	52.9 UJ	281	11 U	6.4 U	23 J	9.8 J	380	340
ANTIMONY	1.8 UJ	0.7 U	0.85 U	0.12 J	0.068 U	0.57 J	0.085 U	0.6 J	0.66 U
ARSENIC	2.3 J	1.2 UJ	1 U	7.6	4.8 J	0.64 J	2.2 U	3.9 J	4.9 U
BARIUM	44.3 J	29.3 J	265	53 J	47	41 U	22	9.3 J	10 J
BERYLLIUM	0.15 U	0 1 U	0 1 U	2 U	1.1 U	2 U	2 U	2 U	2 U
CADMIUM	0 15 U	0 91 J	0 26 UJ	0 87 J	5 U	5 UJ	5 U	5 U	5 U
CALCIUM	33900	29000	31000	630000 J	620000	32000	30000	16000	17000
CHROMIUM	0 4 UJ	0 22 J	1 2 J	0 52 U	8.6 J	10 U	0.88 J	10 U	0.75 J
COBALT	0 4 U	0 25 U	0 3 U	2 8 J	3.2 U	0.17 J	0.046 U	0.046 J	0.052 U
COPPER	0 65 U	0 35 U	4 2 UJ	3.8 J	10 U	1.1 J	0.31 J	0.83 J	0.52 J
IRON	5 6 U	20.3 UJ	316	2000	100 U	130 U	72 J	64 U	36 J
LEAD	0.65 U	0.7 UJ	6.9 UJ	0.46 U	0.035 U	0.2 J	0.32 U	0.49 U	0.12 U
MAGNESIUM	6060	5510 UJ	5080	760000 J	720000	5400	4600	21 U	14 J
MANGANESE	45.9	57	63.8	12000 J	8600	44	23	0.23 J	10 U
MERCURY	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.095 U	0.2 U
MOLYBDENUM	3.8 UJ	1.8 UJ	1.9 J	0.89 J	20 U	20 U	2.6 U	5.7 J	5.1 U
NICKEL	4.7 J	2.1 UJ	2.7 J	19 J	21 U	2.3 J	1.4 J	20 UJ	1.6 J
POTASSIUM	12500 J	9410 J	8120 J	9700	9800	3500	7800	11000	11000
SELENIUM	1 U	0.9 U		28	21 J	5 U	1.3 J	5 UJ	0.85 J
SILVER	0.35 U	0.15 UJ	0.3 U	0.078 UJ	5 UJ	5 U	5 U	5 U	5 U
SODIUM	55200	39800	39300	3200000	2800000	30000	38000	220000	180000
THALLIUM	0.9 U	1.4 U	1.4 U	1.2 U	2 U	0.45 U	0.39 U	0.12 U	2 U
TITANIUM									
VANADIUM	3 UJ	0.57 UJ	1.9 UJ	2.9 J	10 U	5.3 J	1.5 J	17	19
ZINC	3.8 UJ	6.5 UJ	35.2	20 U	9.7 U	120 J	0.7 J	2.1 J	1.4 J

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-100: SITE 19 DISSOLVED METALS IN GROUNDWATER

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

Location	MWD13-1	MWD13-2	MWD13-3	MWD13-4
Sample Code	MWD13-1 [08/09/90]	MWD13-2 [08/09/90]	MWD13-3 [08/10/90]	MWD13-4 [08/10/90]
Sampling Date	10/18/1990	8/9/1990	10/18/1990	10/17/1990
Sampling Depth (feet bgs)	-	-	-	-
Units	MG/L	MG/L	MG/L	MG/L
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte				
ALUMINUM	187	15	144	378
ANTIMONY	0.06 U	0.06 U	0.06 U	0.06 U
ARSENIC	0.059	0.05 U	0.05 U	0.1 U
BARIUM	1.3	0.2 U	0.83	2.9
BERYLLIUM	0.005 U	0.005 U	0.005 U	0.009
CADMIUM	0.005 U	0.005 U	0.005 U	0.006
CALCIUM	58	55	95	645
CHROMIUM	0.52	0.047	0.42	1
COBALT	0.1	0.05 U	0.084	0.22
COPPER	0.16	0.025 U	0.2	0.55
IRON	219	21	189	494
LEAD	0.058	0.05 U	0.21	0.56
MAGNESIUM	92	23	70	274
MANGANESE	5.6	0.55	2.8	9.4
MERCURY				
MOLYBDENUM	0.05 U	0.05 U	0.05 U	0.05 U
NICKEL	0.6	0.19	0.51	1.2
POTASSIUM	34	22	28	53
SELENIUM	0.1	0.05 U	0.098	0.15
SILVER	0.01 U	0.01 U	0.01 U	0.01 U
SODIUM	325	51	108	200
THALLIUM	0.05 U	0.05 U	0.05 U	0.05 U
TITANIUM	5.3	0.51	4	9.1
VANADIUM	0.46	0.05 U	0.34	0.93
ZINC	0.41	0.097	0.51	1.7

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-101: SITE 19 TOTAL METALS IN GROUNDWATER

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

Location	D19-01	MWD13-2	MWD13-3
Sample Code	108-S19-004	108-S19-005	108-S19-006
Sampling Date	8/6/1998	8/10/1998	8/11/1998
Sampling Depth (feet bgs)	-	-	-
Units	UG/L	UG/L	UG/L
Investigation	FO 1998	FO 1998	FO 1998
Analyte			
ALUMINUM	60 UJ	7.4 U	32.1 UJ
ANTIMONY	2.4 UJ	1.8 U	1.8 U
ARSENIC	2.6 UJ	2.7 UJ	2.3 UJ
BARIUM	52.6 J	91 J	32.4 J
BERYLLIUM	0.2 U	0.2 U	0.2 U
CADMIUM	5.3	0.3 U	0.3 U
CALCIUM	643000	30600	34300
CHROMIUM	0.8 U	0.8 U	0.8 U
COBALT	2.5 J	0.4 U	3.2 J
COPPER	1.4 UJ	2 UJ	3.5 UJ
IRON	14.3 J	12.5 U	75.2 J
LEAD	1.7 U	1.7 U	1.7 U
MAGNESIUM	666000	10700	5430
MANGANESE	1930	205	64.5
MERCURY	0.1 U	0.1 U	0.1 U
MOLYBDENUM	1 U	1.5 UJ	2.3 UJ
NICKEL	34.1 UJ	5.9 J	2.2 UJ
POTASSIUM	20700	10900 J	8870 J
SELENIUM	2.2 UJ	2.2 UJ	2.2 UJ
SILVER	0.7 U	0.7 U	0.7 U
SODIUM	1930000	35400 J	43100 J
THALLIUM	7 U	1.4 J	1.1 U
VANADIUM	0.6 U	2.2 J	0.77 UJ
ZINC	142	4.7 UJ	1.3 UJ

Notes:

UG/L Micrograms per liter

TABLE E-102: SITE 19 CYANIDE IN GROUNDWATER

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

Location	D19-01	M19-05	M19-05	M19-05	M19-05	MWD13-1	MWD13-1	MWD13-1	MWD13-1
Sample Code	280-S19-061	280-S19-033	280-S19-035	280-S19-036	280-S19-037	280-S19-016	280-S19-017	280-S19-018	280-S19-019
Sampling Date	3/1/1995	12/13/1994	3/2/1995	6/29/1995	8/21/1995	10/25/1994	2/28/1995	6/29/1995	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
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
CYANIDE	5 U	1.1 UJ	5 U	4 U	4 U	9.5 U	5 U	4.5 UJ	4 U

Location	MWD13-2	MWD13-2	MWD13-2	MWD13-2	MWD13-3	MWD13-3	MWD13-3	MWD13-3	MWD13-4
Sample Code	280-S19-021	280-S19-022	280-S19-023	280-S19-024	280-S19-025	280-S19-026	280-S19-027	280-S19-028	280-S19-029
Sampling Date	10/24/1994	3/1/1995	6/30/1995	8/18/1995	10/25/1994	2/28/1995	6/29/1995	8/21/1995	10/25/1994
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-
Units	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
Analyte									
CYANIDE	9.5 U	5 U	4 U	4 U	9.5 U	5 U	4.7 UJ	4 U	9.5 U

Location	MWD13-4	MWD13-4	MWD13-4	MWD13-1	MWD13-3	MWD13-4
Sample Code	280-S19-030	280-S19-031	280-S19-032	MWD13-1 [08/09/90]	MWD13-3 [08/10/90]	MWD13-4 [08/10/90]
Sampling Date	3/1/1995	6/29/1995	8/21/1995	10/18/1990	10/18/1990	10/17/1990
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L
Investigation	FO 1994	FO 1994	FO 1994	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
CYANIDE	5 U	4.9 UJ	4 U	0.01 U	0.01 U	0.01 U

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-103: SITE 19 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

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

Location	D19-01	M19-05	MWD13-1	MWD13-2	MWD13-3	MWD13-4	D19-01	DHP-S19-01	DHP-S19-02
Sample Code	385-S19-006	385-S19-005	385-S19-001	385-S19-002	385-S19-003	385-S19-004	280-S19-060	280-S19-038	280-S19-039
Sampling Date	7/3/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001	7/2/2001	12/16/1994	8/1/1994	8/1/1994
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	19 -	22 -
Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS	FO 1994	FO 1994	FO 1994
Analyte									
DIESEL RANGE ORGANICS	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.06 J	100 U	100 U	100 U
GASOLINE RANGE ORGANICS	0.05 U	0.05 U	0.03 J	0.05 U	0.03 J	0.03 J	50 U	50 U	50 U
JP5 RANGE ORGANICS	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	100 U	100 U	100 U
MOTOR OIL RANGE ORGANICS	0.1 U	0.1 U	0.34 M	0.1 U	0.1 U	0.1 U	500 U	460 J	540 J

Location	DHP-S19-03	DHP-S19-04	DHP-S19-05	M19-05	M19-05	M19-05	M19-05	MWD13-1	MWD13-1
Sample Code	280-S19-041	280-S19-042	280-S19-043	280-S19-033	280-S19-035	280-S19-036	280-S19-037	280-S19-016	280-S19-017
Sampling Date	9/1/1994	8/18/1994	8/18/1994	12/13/1994	3/2/1995	6/29/1995	8/21/1995	10/25/1994	3/1/1995
Sampling Depth (feet bgs)	20.5 -	21.3 -	10 - 13	-	-	-	-	-	-
Units	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
Analyte									
DIESEL RANGE ORGANICS	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
JP5 RANGE ORGANICS	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
MOTOR OIL RANGE ORGANICS	720 J	580 J	1170 J	500 U	270 J	500 U	500 U	460 J	500 U

Location	MWD13-1	MWD13-1	MWD13-2	MWD13-2	MWD13-2	MWD13-2	MWD13-3	MWD13-3	MWD13-3
Sample Code	280-S19-018	280-S19-019	280-S19-021	280-S19-022	280-S19-023	280-S19-024	280-S19-025	280-S19-026	280-S19-027
Sampling Date	6/29/1995	8/18/1995	10/24/1994	3/1/1995	6/30/1995	8/18/1995	10/25/1994	3/1/1995	6/29/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-
Units	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
Analyte									
DIESEL RANGE ORGANICS	100 U	100 U	100 U	100 U	100 U	270 J	100 U	100 U	100 U
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	110 J	50 U
JP5 RANGE ORGANICS	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	540 J	500 U	500 U	500 U	390 J	500 U	500 U

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-103: SITE 19 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

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

Location	MWD13-3	MWD13-4	MWD13-4	MWD13-4	MWD13-4	SHP-S19-01	SHP-S19-02	SHP-S19-03	SHP-S19-03
Sample Code	280-S19-028	280-S19-029	280-S19-030	280-S19-031	280-S19-032	280-S19-057	280-S19-058	280-S19-059	280-S19-059
Sampling Date	8/21/1995	10/25/1994	3/1/1995	6/29/1995	8/21/1995	9/1/1994	8/30/1994	8/30/1994	8/31/1994
Sampling Depth (feet bgs)	-	-	-	-	-	10 - 13	6.5 - 10	6.5 - 10	0 -
Units	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
Analyte									
DIESEL RANGE ORGANICS	100 U	100 U	100 U	100 U	100 UJ	100 U	100 UJ		100 U
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	50 U	50 U	71 J	50 U	64 J	
JP5 RANGE ORGANICS	100 U	100 U	100 U	100 U	100 UJ	100 U	100 UJ		
MOTOR OIL RANGE ORGANICS	500 U	380 J	500 U	500 U	500 UJ	3240 J	220 J		

Location	SHP-S19-03	D19-01	D19-01	D19-01	D19-01	MWD13-2	MWD13-2	MWD13-2	MWD13-2
Sample Code	280-S19-059	108-S04-045	108-S04-045	108-S19-004	108-S19-004	108-S04-046	108-S04-046	108-S19-005	108-S19-005
Sampling Date	8/31/1994	5/8/1998	5/8/1998	8/6/1998	8/6/1998	5/6/1998	5/6/1998	8/10/1998	8/10/1998
Sampling Depth (feet bgs)	0 -	-	-	-	-	-	-	-	-
Units	UG/L	UG/L	MG/L	UG/L	MG/L	UG/L	MG/L	UG/L	MG/L
Investigation	FO 1994	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998	FO 1998
Analyte									
DIESEL RANGE ORGANICS			0.12 U		0.12 UJ		0.12 U		0.19 J
GASOLINE RANGE ORGANICS		50 U		34 UJ		50 U		28 J	
JP5 RANGE ORGANICS	100 U								
MOTOR OIL RANGE ORGANICS	600 J		0.32 J		0.18 J		0.54 J		0.57 J

Location	MWD13-3	MWD13-3	MWD13-3	MWD13-3	MWD13-3	MWD13-3	MWD13-3	MWD13-3	D19-01
Sample Code	108-S19-001	108-S19-001	108-S19-002	108-S19-002	108-S19-003	108-S19-003	108-S19-006	108-S19-006	D19-01-A1586
Sampling Date	11/10/1997	11/10/1997	2/12/1998	2/12/1998	5/13/1998	5/13/1998	8/11/1998	8/11/1998	12/11/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-	-
Units	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	GWM 2003
Analyte									
DIESEL RANGE ORGANICS		0.1 UJ		0.12 UJ		0.12 UJ		0.12 U	50 U
GASOLINE RANGE ORGANICS	50 U		50 U		46 J		50 U		24 J
JP5 RANGE ORGANICS									50 U
MOTOR OIL RANGE ORGANICS		0.3 U		0.24 UJ		0.24 UJ		0.14 J	300 U

Notes:

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-103: SITE 19 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

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

Location	D19-01	MWD13-3	MWD13-3	MWD13-4	MWD13-4	MWD13-4	MWD13-4
Sample Code	D19-01-A1085	MWD13-3-A1658	MWD13-3-A1157	MWD13-4-A1659	MWD13-4-A2001	MWD13-4-A1158	MWD13-4-A1349
Sampling Date	7/12/2002	12/18/2002	6/19/2002	12/16/2002	4/10/2003	6/19/2002	9/5/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-
Units	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
Analyte							
DIESEL RANGE ORGANICS	50 UJ	50 U	55 hy	50 U	50 U	150 hy	50 U
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	18 J	27 U	19 U	34 J
JP5 RANGE ORGANICS	50 UJ	50 U	50 U	50 UJ	50 U	50 U	50 U
MOTOR OIL RANGE ORGANICS	300 UJ	300 U	73 Jy	300 U	300 U	210 J	300 U

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-104: SITE 19 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN GROUNDWATER

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

(Page 1 of 1)

Location		MWD13-1	MWD13-2
Sample Code		MWD13-1 [08/09/90]	MWD13-2 [08/09/90]
Sampling Date		10/18/1990	8/9/1990
Sampling Depth (feet bgs)		-	-
Units		MG/L	MG/L
Investigation		PH 1&2A 1991	PH 1&2A 1991
Analyte			
OIL & GREASE			5
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS		0.05 U	0.38

Notes:

MG/L Milligrams per liter

TABLE E-105: SITE 19 DISSOLVED GASES IN GROUNDWATER

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

Location	D19-01	D19-01	MWD13-3	MWD13-3	MWD13-4	MWD13-4
Sample Code	D19-01-A1085	D19-01-A1586	MWD13-3-A1157	MWD13-3-A1658	MWD13-4-A1158	MWD13-4-A1659
Sampling Date	7/12/2002	12/11/2002	6/19/2002	12/18/2002	6/19/2002	12/16/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	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
Analyte						
ETHANE	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
METHANE	0.01 U	0.01 U	0.37	0.3	0.023	0.034

Notes:

MG/L Milligrams per liter

TABLE E-106: SITE 19 GENERAL CHEMISTRY IN GROUNDWATER

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

Location	D19-01	D19-01	D19-01	D19-01	DHP-S19-01	DHP-S19-02	DHP-S19-03	DHP-S19-04	DHP-S19-05
Sample Code	280-S19-060	280-S19-061	280-S19-062	280-S19-063	280-S19-038	280-S19-039	280-S19-041	280-S19-042	280-S19-043
Sampling Date	12/16/1994	3/1/1995	6/30/1995	9/15/1995	8/1/1994	8/1/1994	9/1/1994	8/18/1994	8/18/1994
Sampling Depth (feet bgs)	-	-	-	-	19 -	22 -	20.5 -	21.3 -	10 - 13
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	10 U	10 U	10 U	10 U	10 U	10 U	
BICARBONATE									
BICARBONATE ALKALINITY									
BROMIDE									
CARBONATE									
CARBONATE ALKALINITY									
CHLORIDE	6790	6370	9230	7060	913	63.4	577	1480	
COD (TOTAL)	1000	520	710	516	28.7	15.3	5 UJ	34.2	
CONDUCTANCE, UHMOS/CM	20000				3690	1240	2850	5760	
DISSOLVED OXYGEN									
FLUORIDE	0.1 U	0.1 U	0.1 U	0.1 UJ	0.14 J	0.11 J	0.38	0.26 J	
HARDNESS	5900	5500	5610	5900	980	225	140	1150	
HYDROXIDE ALKALINITY									
NITRATE				0.7 UJ					
NITRATE/NITRITE (AS N)	0.21	0.59	0.17	0.2 UJ	3.6	0.05 U	0.5 UJ	0.5 U	
NITRITE				50 U					
OIL & GREASE									1.1 U
PH, UNITS	7.1	7.2	7.2	7.2 J	7.3	7.5	7.4	7.6	
PHOSPHATE									
SULFATE	849	786	881	885	156	177	279	348	
SULFIDE			16.8	10 U	10 U				
SURFACTANTS (MBAS)									
TDS	14000	12000	17300	2040	2380	760	1600	3950	
TOTAL ALKALINITY	194	148	195	190	532	424	285 J	812	
TOTAL ORGANIC CARBON	3 J	4 J	1 U	1 UJ	3.6 J	4.2 J	5.5	9.3 J	

Notes:

* Unless otherwise specified

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-106: SITE 19 GENERAL CHEMISTRY IN GROUNDWATER

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

Location	M19-05	M19-05	M19-05	M19-05	MWD13-1	MWD13-1	MWD13-1	MWD13-1	MWD13-2
Sample Code	280-S19-033	280-S19-035	280-S19-036	280-S19-037	280-S19-016	280-S19-017	280-S19-018	280-S19-019	280-S19-021
Sampling Date	12/13/1994	3/2/1995	6/29/1995	8/21/1995	10/25/1994	3/1/1995	6/29/1995	8/18/1995	10/24/1994
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 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
BICARBONATE									
BICARBONATE ALKALINITY									
BROMIDE									
CARBONATE									
CARBONATE ALKALINITY									
CHLORIDE	1480	1460	1250	1240	79.1	83.8	82.7	74.4	39.2
COD (TOTAL)	160	96	87.6	437	53.6	59	50.7	43.6	31.7
CONDUCTANCE, UHMOS/CM	5300				1990				676
DISSOLVED OXYGEN									
FLUORIDE	0.14	0.1 U	0.16	0.14	0.26	0.1 U	0.34	0.3	0.27
HARDNESS	1700	1800	1460	1580	190	250	292	224	200
HYDROXIDE ALKALINITY									
NITRATE				1.4				0.16	
NITRATE/NITRITE (AS N)	2.9	1.4	1	1.7	0.5 U	0.05 U	0.05 U	0.05 U	0.5 U
NITRITE				5 U				0.25 U	
OIL & GREASE									
PH, UNITS	6.8	6.8 J	6.7	6.7	7.5	7.3	7.3	7.2	7.6
PHOSPHATE									
SULFATE	264	284	297	279	132	92.9	94.4	91	14.3
SULFIDE									
SURFACTANTS (MBAS)									
TDS	3300	3200	3260	3260 J	1110	1340	1330	1510	465
TOTAL ALKALINITY	610	701	757	680	812	1020	2650	966	280
TOTAL ORGANIC CARBON	20 J	17	10.2	9.1	12.7	29 J	21.8	18	4.7

Notes:

* Unless otherwise specified

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-106: SITE 19 GENERAL CHEMISTRY IN GROUNDWATER

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

Location	MWD13-2	MWD13-2	MWD13-2	MWD13-3	MWD13-3	MWD13-3	MWD13-3	MWD13-4	MWD13-4
Sample Code	280-S19-022	280-S19-023	280-S19-024	280-S19-025	280-S19-026	280-S19-027	280-S19-028	280-S19-029	280-S19-030
Sampling Date	3/1/1995	6/30/1995	8/18/1995	10/25/1994	3/1/1995	6/29/1995	8/21/1995	10/25/1994	3/1/1995
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 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
BICARBONATE									
BICARBONATE ALKALINITY									
BROMIDE									
CARBONATE									
CARBONATE ALKALINITY									
CHLORIDE	11.9	12.3	15	47.3	21.8	21.6	26.3	134	140
COD (TOTAL)	16	9.9	11.8	27.8	13	5 U	35.4	39.7	29
CONDUCTANCE, UHMOS/CM				559 J				1290 J	
DISSOLVED OXYGEN									
FLUORIDE	0.1 U	0.27	0.22	0.24	0.1 U	0.23	0.22	0.21	0.1 U
HARDNESS	150	320	136	85	110	100	112	85	85
HYDROXIDE ALKALINITY									
NITRATE			0.14				0.13		
NITRATE/NITRITE (AS N)	0.05 U	0.061	0.05 U	0.5 U	0.16	0.13	0.05 U	0.5 U	0.29
NITRITE			0.05 U				0.25 U		
OIL & GREASE									
PH, UNITS	7.6	7.5	7.5	8.7	8.4	8.6	8.6	11	11.2
PHOSPHATE									
SULFATE	17.9	13.6	11.3	138	57.5	63.9	73.3	241	222
SULFIDE									
SURFACTANTS (MBAS)									
TDS	289	284	314	335	310	314	273 J	796	790
TOTAL ALKALINITY	176	211	204	112	159	163	149	189	161
TOTAL ORGANIC CARBON	3 J	3.9	4.3	2.9	4 J	2.8	4	6.9	9 J

Notes:

* Unless otherwise specified

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-106: SITE 19 GENERAL CHEMISTRY IN GROUNDWATER

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

Location	MWD13-4	MWD13-4	SHP-S19-01	SHP-S19-02	SHP-S19-03	D19-01	D19-01	MWD13-2	MWD13-2
Sample Code	280-S19-031	280-S19-032	280-S19-057	280-S19-058	280-S19-059	108-S04-045	108-S19-004	108-S04-046	108-S19-005
Sampling Date	6/29/1995	8/21/1995	9/1/1994	8/30/1994	8/31/1994	5/8/1998	8/6/1998	5/6/1998	8/10/1998
Sampling Depth (feet bgs)	-	-	10 - 13	6.5 - 10	0 -	-	-	-	-
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 1998	FO 1998	FO 1998	FO 1998
Analyte									
ACIDITY	10 U	10 U							
BICARBONATE						160	146	101	213
BICARBONATE ALKALINITY									
BROMIDE						21.9	24.8	0.1 U	0.5 U
CARBONATE						10 U	10 U	10 U	10 U
CARBONATE ALKALINITY									
CHLORIDE	113	115				8690 J	7010	5.1 UJ	31.4 J
COD (TOTAL)	19	47.2							
CONDUCTANCE, UHMOS/CM									
DISSOLVED OXYGEN									
FLUORIDE	0.21	0.24				1 U	5 U	0.12	0.5 U
HARDNESS	72	72							
HYDROXIDE ALKALINITY						10 U	10 U	10 U	10 U
NITRATE		0.16				1 U	0.64	0.15	0.5 U
NITRATE/NITRITE (AS N)	0.33	0.054 UJ							
NITRITE		1 U				10 U	5 U	0.1 U	0.5 U
OIL & GREASE			1.2	1.2 U	1.4 U				
PH, UNITS	11.2	11.2							
PHOSPHATE						1 U	0.5 U	0.14	1.2
SULFATE	216	209				852	764	14.9 J	12
SULFIDE						1 UJ	1 U	1 U	1.3 UJ
SURFACTANTS (MBAS)									
TDS	798	840 J				21000	14000	130 UJ	260
TOTAL ALKALINITY	195	176				160	146	101	213
TOTAL ORGANIC CARBON	8	7.6				1 U		1 U	

Notes:

* Unless otherwise specified

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-106: SITE 19 GENERAL CHEMISTRY IN GROUNDWATER

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 5 of 6)

Location	MWD13-3	MWD13-3	MWD13-3	MWD13-3	D19-01	D19-01	MWD13-3	MWD13-3
Sample Code	108-S19-001	108-S19-002	108-S19-003	108-S19-006	D19-01-A1586	D19-01-A1085	MWD13-3-A1658	MWD13-3-A1157
Sampling Date	11/10/1997	2/12/1998	5/13/1998	8/11/1998	12/11/2002	7/12/2002	12/18/2002	6/19/2002
Sampling Depth (feet bgs)	-	-	-	-	-	-	-	-
Units*	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	GWM 2003	GWM 2003	GWM 2003	GWM 2003
Analyte								
ACIDITY								
BICARBONATE	100	137	139	162				
BICARBONATE ALKALINITY					180	160	120	99
BROMIDE	0.15	0.15	0.11	0.5 U				
CARBONATE	35.4	10 U	10 U	10 U				
CARBONATE ALKALINITY					1 U	1 U	1 U	1 U
CHLORIDE	28.9	29.7	14.4	22 J	7400	7200	20	28
COD (TOTAL)								
CONDUCTANCE, UHMOS/CM								
DISSOLVED OXYGEN								
FLUORIDE	0.35	0.18	0.19 J	0.5 U				
HARDNESS								
HYDROXIDE ALKALINITY	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
NITRATE	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.26 J	0.13	0.05 U
NITRATE/NITRITE (AS N)								
NITRITE	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U
OIL & GREASE								
PH, UNITS								
PHOSPHATE	0.1	0.13	0.13 J	0.5 U				
SULFATE	81.4	51.8	35.9 J	56.4	820	800	33	45
SULFIDE	1 U	1 U	1.1 J	1 UJ	0.04 U	0.04 U	0.04 U	0.04 U
SURFACTANTS (MBAS)								
TDS	440	240	340	280				
TOTAL ALKALINITY	136	137	139	162	180	160	120	99
TOTAL ORGANIC CARBON	4							

Notes:

* *Unless otherwise specified*

UG/L Micrograms per liter

MG/L Milligrams per liter

TABLE E-106: SITE 19 GENERAL CHEMISTRY IN GROUNDWATER

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

Location	MWD13-4	MWD13-4	MWD13-1	MWD13-2	MWD13-3	MWD13-4
Sample Code	MWD13-4-A1659	MWD13-4-A1158	MWD13-1 [08/09/90]	MWD13-2 [08/09/90]	MWD13-3 [08/10/90]	MWD13-4 [08/10/90]
Sampling Date	12/16/2002	6/19/2002	10/18/1990	8/9/1990	10/18/1990	10/17/1990
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units*	MG/L	MG/L	UMHOS	UMHOS	MG/L	MG/L
Investigation	GWM 2003	GWM 2003	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte						
ACIDITY						
BICARBONATE						
BICARBONATE ALKALINITY	220	1 U			140	5 U
BROMIDE						
CARBONATE						
CARBONATE ALKALINITY	1 U	79			80	360
CHLORIDE	93	91			68	129
COD (TOTAL)						
CONDUCTANCE, UHMOS/CM			1590	570	620	1410
DISSOLVED OXYGEN			5.8	6.2	2.3	5.8
FLUORIDE						
HARDNESS					526	2740
HYDROXIDE ALKALINITY	1 U	83			5 U	98
NITRATE	0.05 U	0.07				
NITRATE/NITRITE (AS N)						
NITRITE	0.05 U	0.06				
OIL & GREASE						
PH, UNITS			7.3	7.7	9.7	12
PHOSPHATE						
SULFATE	160	160			129	101
SULFIDE	1.4	0.04 U				
SURFACTANTS (MBAS)					0.1 U	0.1 U
TDS					480	770
TOTAL ALKALINITY	220	160			220	450
TOTAL ORGANIC CARBON			27	7.1		

Notes:

* Unless otherwise specified

UG/L Micrograms per liter

MG/L Milligrams per liter

SITE 19
TOTAL PETROLEUM HYDROCARBON INVESTIGATIONS

TABLE E-107: SITE 19 PESTICIDES AND PCBs IN SOIL

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

Location	030-S19-005	030-S19-007
Sample Code	030-S19-005	030-S19-007
Sampling Date	10/22/1998	10/22/1998
Sampling Depth (feet bgs)	0 - 3	0 - 2.5
Units	UG/KG	UG/KG
Investigation	TPH	TPH
Analyte		
2,4,5-T		
2,4,5-TP (SILVEX)		
2,4-D		
2,4-DB		
4,4'-DDD	3.6 U	3.5 U
4,4'-DDE	3.6 U	3.5 U
4,4'-DDT	3.6 U	3.5 U
ALDRIN	1.8 U	1.8 U
ALPHA-BHC	1.8 U	1.8 U
ALPHA-CHLORDANE	1.8 U	1.8 U
AROCLOR-1016	36 U	35 U
AROCLOR-1221	72 U	71 U
AROCLOR-1232	36 U	35 U
AROCLOR-1242	36 U	35 U
AROCLOR-1248	36 U	35 U
AROCLOR-1254	36 U	35 U
AROCLOR-1260	36 U	35 U
AZINPHOS-METHYL		
BETA-BHC	1.8 U	1.8 U
CHLORDANE		
DALAPON; 2,2-DICHLOROPROPANOIC		
DELTA-BHC	1.8 U	1.8 U
DEMETON		
DIAZINON		
DICAMBA		
DICHLORPROP		
DIELDRIN	3.6 U	3.5 U
DINOSEB		
DISULFOTON		
ENDOSULFAN I	1.8 U	1.8 U
ENDOSULFAN II	3.6 U	3.5 U
ENDOSULFAN SULFATE	3.6 U	3.5 U
ENDRIN	3.6 U	3.5 U
ENDRIN ALDEHYDE	3.6 U	3.5 U
ENDRIN KETONE	3.6 U	3.5 U
ETHION		
ETHYL PARATHION		
GAMMA-BHC (LINDANE)	1.8 U	1.8 U
GAMMA-CHLORDANE	1.8 U	1.8 U
HEPTACHLOR	1.8 U	1.8 U
HEPTACHLOR EPOXIDE	1.8 U	1.8 U
MALATHION		
MCPA		
MCPP		
METHOXYCHLOR	18 U	18 U
METHYL PARATHION		
TOXAPHENE	180 U	180 U

Notes:

PCB Polychlorinated biphenyl

UG/KG Micrograms per kilogram

TABLE E-108: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

(Page 1 of 2)

Location	030-S19-005	030-S19-007
Sample Code	030-S19-005	030-S19-007
Sampling Date	10/22/1998	10/22/1998
Sampling Depth (feet bgs)	0 - 3	0 - 2.5
Units	UG/KG	UG/KG
Investigation	TPH	TPH
Analyte		
1,2,4-TRICHLOROBENZENE	36 UJ	35 UJ
1,2-DICHLOROBENZENE	17 U	17 U
1,2-DIPHENYLHYDRAZINE		
1,3-DICHLOROBENZENE	17 U	17 U
1,4-DICHLOROBENZENE	17 U	17 U
2,2'-OXYBIS(1-CHLOROPROPANE)	36 U	35 U
2,4,5-TRICHLOROPHENOL	86 U	85 U
2,4,6-TRICHLOROPHENOL	36 U	35 U
2,4-DICHLOROPHENOL	36 U	35 U
2,4-DIMETHYLPHENOL	36 UJ	35 UJ
2,4-DINITROPHENOL	86 UJ	85 UJ
2,4-DINITROTOLUENE	36 U	35 U
2,6-DINITROTOLUENE	36 U	35 U
2-CHLORONAPHTHALENE	36 U	35 U
2-CHLOROPHENOL	36 U	35 U
2-METHYLNAPHTHALENE	36 U	35 U
2-METHYLPHENOL	36 U	35 U
2-NITROANILINE	86 U	85 U
2-NITROPHENOL	36 U	35 U
3,3'-DICHLOROBENZIDINE	36 UJ	35 UJ
3-NITROANILINE	86 UJ	85 UJ
4,6-DINITRO-2-METHYLPHENOL	86 UJ	85 UJ
4-BROMOPHENYL-PHENYLETHER	36 U	35 U
4-CHLORO-3-METHYLPHENOL	36 U	35 U
4-CHLOROANILINE	36 UJ	35 UJ
4-CHLOROPHENYL-PHENYLETHER	36 UJ	35 UJ
4-METHYLPHENOL	36 U	35 U
4-NITROANILINE	86 U	85 U
4-NITROPHENOL	86 UJ	85 UJ
ANILINE		
BENZOIC ACID		
BENZYL ALCOHOL		
BIS(2-CHLOROETHOXY)METHANE	36 U	35 U
BIS(2-CHLOROETHYL)ETHER	36 U	35 U
BIS(2-ETHYLHEXYL)PHTHALATE	14 UJ	14 UJ
BUTYLBENZYLPHTHALATE	36 UJ	35 UJ
CARBAZOLE	36 U	35 U
DIBENZOFURAN	36 U	35 U
DIETHYLPHTHALATE	36 U	35 U
DIMETHYLPHTHALATE	36 U	35 U
DI-N-BUTYLPHTHALATE	36 UJ	35 UJ
DI-N-OCTYLPHTHALATE	36 UJ	35 UJ
HEXACHLOROBENZENE	36 U	35 U
HEXACHLOROBUTADIENE	36 UJ	35 UJ
HEXACHLOROCYCLOPENTADIENE	36 UJ	35 UJ
HEXACHLOROETHANE	36 U	35 U
ISOPHORONE	36 U	35 U
NITROBENZENE	36 U	35 U
N-NITROSODIMETHYLAMINE		
N-NITROSO-DI-N-PROPYLAMINE	36 U	35 U
N-NITROSODIPHENYLAMINE	36 U	35 U
PENTACHLOROPHENOL	86 U	85 U

TABLE E-108: SITE 19 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	030-S19-005	030-S19-007
Sample Code	030-S19-005	030-S19-007
Sampling Date	10/22/1998	10/22/1998
Sampling Depth (feet bgs)	0 - 3	0 - 2.5
Units	UG/KG	UG/KG
Investigation	TPH	TPH
Analyte		
PHENOL	36 U	35 U

Notes:
UG/KG Micrograms per kilogram

TABLE E-109: SITE 19 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	030-S19-005	030-S19-007	372-1-MOJ	372-2-MOJ	372-MW2
Sample Code	030-S19-005	030-S19-007	372-P1	372-P2	372-MW2
Sampling Date	10/22/1998	10/22/1998	9/2/1997	9/2/1997	1/20/1995
Sampling Depth (feet bgs)	0 - 3	0 - 2.5	6 -	5.5 -	3.5 -
Units	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
Investigation	TPH	TPH	TPH	TPH	TPH
Analyte					
1,1,1-TRICHLOROETHANE	11 U	11 U			
1,1,2,2-TETRACHLOROETHANE	11 U	11 U			
1,1,2-TRICHLOROETHANE	11 U	11 U			
1,1-DICHLOROETHANE	11 U	11 U			
1,1-DICHLOROETHENE	11 U	11 U			
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	11 U	11 U			
1,2-DICHLOROETHENE (TOTAL)	11 U	11 U			
1,2-DICHLOROPROPANE	11 U	11 U			
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	11 UJ	11 UJ			
2-CHLOROETHYLVINYLETHER					
2-HEXANONE	11 U	11 U			
4-METHYL-2-PENTANONE	11 U	11 U			
ACETONE	11 UJ	11 UJ			
BENZENE	11 U	11 U	0.005 U	0.005 U	12 U
BROMODICHLOROMETHANE	11 U	11 U			
BROMOFORM	11 U	11 U			
BROMOMETHANE	11 U	11 U			
CARBON DISULFIDE	11 U	11 U			
CARBON TETRACHLORIDE	11 U	11 U			
CHLOROBENZENE	11 U	11 U			
CHLOROETHANE	11 UJ	11 UJ			
CHLOROFORM	11 U	11 U			
CHLOROMETHANE	11 U	11 U			
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	11 U	11 U			
DIBROMOCHLOROMETHANE	11 U	11 U			
ETHYLBENZENE	11 U	11 U	0.005 U	0.005 U	12 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	11 U	11 U			
METHYL-T-BUTYL ETHER			0.05 U	0.05 U	
O-XYLENE					
STYRENE	11 U	11 U			
TETRACHLOROETHENE	11 U	11 U			
TOLUENE	11 U	11 U	0.005 U	0.005 U	12 U
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	11 U	11 U			
TRICHLOROETHENE	11 U	11 U			
TRICHLOROFLUOROMETHANE					
VINYL ACETATE					
VINYL CHLORIDE	11 U	11 U			
XYLENE (TOTAL)	11 U	11 U	0.005 U	0.005 U	12 U

Notes:

MG/KG Milligrams per kilogram

UG/KG Micrograms per kilogram

TABLE E-110: SITE 19 TOTAL METALS IN SOIL

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

Location	030-S19-005	030-S19-007
Sample Code	030-S19-005	030-S19-007
Sampling Date	10/22/1998	10/22/1998
Sampling Depth (feet bgs)	0 - 3	0 - 2.5
Units	MG/KG	MG/KG
Investigation	TPH	TPH
Analyte		
ALUMINUM	3950	3830
ANTIMONY	0.43 U	0.42 U
ARSENIC	1.4 J	1.3 UJ
BARIUM	20.8 J	23.5 J
BERYLLIUM	0.024 U	0.023 U
CADMIUM	0.045 U	0.044 U
CALCIUM	2310	1980
CHROMIUM	29.9	26.5
COBALT	4.8 J	4.2 J
COPPER	5 UJ	10.5
IRON	6560	6950
LEAD	3.1 J	4.8 J
MAGNESIUM	1390	1650
MANGANESE	188 J	103 J
MERCURY	0.1 U	0.1 U
MOLYBDENUM	0.11 U	0.11 U
NICKEL	22.5	22
POTASSIUM	231 J	306 J
SELENIUM	0.47 U	0.47 U
SILVER	0.056 U	0.055 U
SODIUM	50 U	49 U
THALLIUM	0.28 U	0.27 U
TITANIUM		
VANADIUM	17.7	16
ZINC	13.8	16.9

Notes:
MG/KG Milligrams per kilogram

TABLE E-111: SITE 19 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

Location	030-S19-005	030-S19-007	372-1-MOJ	372-2-MOJ	372-MW2
Sample Code	030-S19-005	030-S19-007	372-P1	372-P2	372-MW2
Sampling Date	10/22/1998	10/22/1998	9/2/1997	9/2/1997	1/20/1995
Sampling Depth (feet bgs)	0 - 3	0 - 2.5	6 -	5.5 -	3.5 -
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Investigation	TPH	TPH	TPH	TPH	TPH
Analyte					
DIESEL RANGE ORGANICS	11 U	11 U	1 U	1 U	17
GASOLINE RANGE ORGANICS	0.54 UJ	0.05 J	1 U	1 U	1 U
JET FUEL			1 U	1 U	
JP5 RANGE ORGANICS	11 U	11 U			
MOTOR OIL RANGE ORGANICS	11 U	11 U	10 U	10 U	

Notes:

MG/KG Miligrams per kilogram

TABLE E-112: SITE 19 GENERAL CHEMISTRY IN SOIL

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

Location	030-S19-005	030-S19-007
Sample Code	030-S19-005	030-S19-007
Sampling Date	10/22/1998	10/22/1998
Sampling Depth (feet bgs)	0 - 3	0 - 2.5
Units	%MST	%MST
Investigation	TPH	TPH
Analyte		
CHLORIDE		
CYANIDE		
IGNITABILITY		
NITRATE		
PERCENT MOISTURE, %MST	7.2	5.4
PH, UNITS	7.71 J	8.37 J
PHOSPHORUS		
SULFATE		
SULFIDE		
TOTAL KJELDAHL NITROGEN		
TOTAL ORGANIC CARBON		

Notes:
%MST Percent moisture

TABLE E-113: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

(Page 1 of 2)

Location	372-1-MOJ	372-2-MOJ	372-MW2	372-MW2	372-MW2	372-MW2	372-MW2
Sample Code	372-P1	372-P2	372-MW2	372-MW2	372-MW2	372-MW2	372-MW2
Sampling Date	9/2/1997	9/2/1997	12/17/1997	2/7/1995	3/17/1998	4/2/1999	9/28/1998
Sampling Depth (feet bgs)	-	-	2.6 - 12.6	2.6 - 12.6	2.6 - 12.6	2.6 - 12.6	2.6 - 12.6
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte							
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE							
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE							
1,1-DICHLOROETHANE							
1,1-DICHLOROETHENE							
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							
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE							
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROBENZENE							
1,3-DICHLOROPROPANE							
1,4-DICHLOROBENZENE							
2,2-DICHLOROPROPANE							
2-BUTANONE							
2-CHLOROTOLUENE							
2-HEXANONE							
4-CHLOROTOLUENE							
4-METHYL-2-PENTANONE							
ACETONE							
BENZENE	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE							
BROMOFORM							
BROMOMETHANE							
CARBON DISULFIDE							
CARBON TETRACHLORIDE							
CHLOROBENZENE							
CHLOROETHANE							
CHLOROFORM							
CHLOROMETHANE							
CIS-1,2-DICHLOROETHENE		0.64					
CIS-1,3-DICHLOROPROPENE							
DIBROMOCHLOROMETHANE							
DIBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DICHLOROETHENE							0.5
DIISOPROPYL ETHER							
ETHYL TERT-BUTYL ETHER							
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
ETHYLENE DIBROMIDE							
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE							
M,P-XYLENE							

TABLE E-113: SITE 19 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

(Page 2 of 2)

Location	372-1-MOJ	372-2-MOJ	372-MW2	372-MW2	372-MW2	372-MW2	372-MW2
Sample Code	372-P1	372-P2	372-MW2	372-MW2	372-MW2	372-MW2	372-MW2
Sampling Date	9/2/1997	9/2/1997	12/17/1997	2/7/1995	3/17/1998	4/2/1999	9/28/1998
Sampling Depth (feet bgs)	-	-	2.6 - 12.6	2.6 - 12.6	2.6 - 12.6	2.6 - 12.6	2.6 - 12.6
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte							
METHYLENE CHLORIDE							
METHYL-T-BUTYL ETHER	5 U	5 U	2.5 U		2.5 U	2.5 U	2.5 U
NAPHTHALENE							
N-BUTYLBENZENE							
N-PROPYLBENZENE							
O-XYLENE							
P-ISOPROPYLTOLUENE							
SEC-BUTYLBENZENE							
STYRENE							
TERT-AMYL METHYL ETHER							
TERT-BUTANOL							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE							
TOLUENE	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE							
TRICHLOROETHENE							
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE							
XYLENE (TOTAL)	1 U	1 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U

Notes:

UG/L Micrograms per liter

TABLE E-114: SITE 19 TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER

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

Location	372-1-MOJ	372-2-MOJ	372-MW2	372-MW2	372-MW2	372-MW2	372-MW2
Sample Code	372-P1	372-P2	372-MW2	372-MW2	372-MW2	372-MW2	372-MW2
Sampling Date	9/2/1997	9/2/1997	12/17/1997	2/7/1995	3/17/1998	4/2/1999	9/28/1998
Sampling Depth (feet bgs)	-	-	2.6 - 12.6	2.6 - 12.6	2.6 - 12.6	2.6 - 12.6	2.6 - 12.6
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	TPH	TPH	TPH	TPH	TPH	TPH	TPH
Analyte							
DIESEL RANGE ORGANICS	670	540	64	150	110	60	67
GASOLINE RANGE ORGANICS	50 U	50 U	50 U	50 U	50 U	50 U	50 U
JET FUEL	500 U	500 U	50 U		80	50 U	50 U
JP5 RANGE ORGANICS							
MOTOR OIL RANGE ORGANICS			250 U		250 U	250 U	250 U

Notes:

UG/L Micrograms per liter

SITE 22
ENVIRONMENTAL BASELINE SURVEY INVESTIGATIONS

TABLE E-115: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	145-SN-001
Sample Code	145S-001
Sampling Date	1/27/1995
Sampling Depth (feet bgs)	4.5 - 5.5
Units	UG/KG
Investigation	EBS PHASE 2A
Analyte	
1,2,4-TRICHLOROBENZENE	400 U
1,2-DICHLOROBENZENE	400 U
1,3-DICHLOROBENZENE	400 U
1,4-DICHLOROBENZENE	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)	400 U
2,4,5-TRICHLOROPHENOL	970 U
2,4,6-TRICHLOROPHENOL	400 U
2,4-DICHLOROPHENOL	400 U
2,4-DIMETHYLPHENOL	400 U
2,4-DINITROPHENOL	970 U
2,4-DINITROTOLUENE	400 U
2,6-DINITROTOLUENE	400 U
2-CHLORONAPHTHALENE	400 U
2-CHLOROPHENOL	400 U
2-METHYLNAPHTHALENE	400 U
2-METHYLPHENOL	400 U
2-NITROANILINE	970 U
2-NITROPHENOL	400 U
3,3'-DICHLOROBENZIDINE	400 U
3-NITROANILINE	970 U
4,6-DINITRO-2-METHYLPHENOL	970 U
4-BROMOPHENYL-PHENYLETHER	400 U
4-CHLORO-3-METHYLPHENOL	400 U
4-CHLOROANILINE	400 U
4-CHLOROPHENYL-PHENYLETHER	400 U
4-METHYLPHENOL	400 U
4-NITROANILINE	970 U
4-NITROPHENOL	970 U
BIS(2-CHLOROETHOXY)METHANE	400 U
BIS(2-CHLOROETHYL)ETHER	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	400 U
BUTYLBENZYLPHTHALATE	400 U
CARBAZOLE	400 U
DIBENZOFURAN	400 U
DIETHYLPHTHALATE	400 U
DIMETHYLPHTHALATE	400 U
DI-N-BUTYLPHTHALATE	400 U
DI-N-OCTYLPHTHALATE	400 U
HEXACHLOROBENZENE	400 U
HEXACHLOROBUTADIENE	400 U
HEXACHLOROCYCLOPENTADIENE	400 U
HEXACHLOROETHANE	400 U
ISOPHORONE	400 U
NITROBENZENE	400 U
N-NITROSO-DI-N-PROPYLAMINE	400 U
N-NITROSODIPHENYLAMINE	400 U
PENTACHLOROPHENOL	970 U
PHENOL	400 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-116: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	145-SN-001
Sample Code	145S-001M
Sampling Date	1/27/1995
Sampling Depth (feet bgs)	4.5 - 5.5
Units	UG/KG
Investigation	EBS PHASE 2A
Analyte	
1,1,1-TRICHLOROETHANE	10 U
1,1,2,2-TETRACHLOROETHANE	
1,1,2-TRICHLOROETHANE	
1,1-DICHLOROETHANE	
1,1-DICHLOROETHENE	10 U
1,2-DICHLOROBENZENE	
1,2-DICHLOROETHANE	10 U
1,2-DICHLOROETHENE (TOTAL)	
1,2-DICHLOROPROPANE	
1,3-DICHLOROBENZENE	
1,4-DICHLOROBENZENE	
2-BUTANONE	10 U
2-CHLOROETHYLVINYLETHER	
2-HEXANONE	
4-METHYL-2-PENTANONE	
ACETONE	
BENZENE	10 U
BROMODICHLOROMETHANE	
BROMOFORM	
BROMOMETHANE	
CARBON DISULFIDE	
CARBON TETRACHLORIDE	
CHLOROBENZENE	
CHLOROETHANE	
CHLOROFORM	
CHLOROMETHANE	
CIS-1,2-DICHLOROETHENE	10 U
CIS-1,3-DICHLOROPROPENE	
DIBROMOCHLOROMETHANE	
ETHYLBENZENE	10 U
ETHYLENE DIBROMIDE	
HEXANE	20 U
M,P-XYLENE	20 U
METHYLENE CHLORIDE	10 U
O-XYLENE	10 U
STYRENE	
TETRACHLOROETHENE	10 U
TOLUENE	10 U
TRANS-1,2-DICHLOROETHENE	10 U
TRANS-1,3-DICHLOROPROPENE	
TRICHLOROETHENE	10 U
TRICHLOROFLUOROMETHANE	
VINYL ACETATE	
VINYL CHLORIDE	10 U
XYLENE (TOTAL)	

Notes:

UG/KG Micrograms per kilogram

TABLE E-117: SITE 22 METALS IN SOIL

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

Location	145-SN-001
Sample Code	145S-001M
Sampling Date	1/27/1995
Sampling Depth (feet bgs)	4.5 - 5.5
Units	MG/KG
Investigation	EBS PHASE 2A
Analyte	
ALUMINUM	
ANTIMONY	25 U
ARSENIC	
BARIUM	
BERYLLIUM	25 U
CADMIUM	25 U
CALCIUM	
CHROMIUM	25 U
COBALT	
COPPER	25 U
IRON	
LEAD	25 U
MAGNESIUM	
MANGANESE	
MERCURY	25 U
MOLYBDENUM	
NICKEL	77
POTASSIUM	
SELENIUM	
SILVER	25 U
SODIUM	
THALLIUM	
TITANIUM	
VANADIUM	
ZINC	32

Notes:
MG/KG Milligrams per kilogram

TABLE E-118: SITE 22 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

Location	145-SN-001
Sample Code	145S-001M
Sampling Date	1/27/1995
Sampling Depth (feet bgs)	4.5 - 5.5
Units	MG/KG
Investigation	EBS PHASE 2A
Analyte	
DIESEL RANGE ORGANICS	50 U
GASOLINE RANGE ORGANICS	50 U
JET FUEL	
JP5 RANGE ORGANICS	
MOTOR OIL RANGE ORGANICS	

Notes:
MG/KG Milligrams per kilogram

TABLE E-119: SITE 22 GENERAL CHEMISTRY IN SOIL

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

Location	145-SN-001
Sample Code	145S-001
Sampling Date	1/27/1995
Sampling Depth (feet bgs)	4.5 - 5.5
Units	MG/KG
Investigation	EBS PHASE 2A
Analyte	
CHLORIDE	
CYANIDE	0.3 UNJ
IGNITABILITY	
NITRATE	
PERCENT MOISTURE, %MST	18
PH, UNITS	8.2
PHOSPHORUS	
SULFATE	
SULFIDE	30.6 U
TOTAL KJELDAHL NITROGEN	
TOTAL ORGANIC CARBON	

Notes:

MG/KG Miligrams per kilogram

SITE 22
REMEDIAL INVESTIGATIONS

TABLE E-120: SITE 22 PESTICIDES AND PCBs IN SOIL

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

Location	B547-6	B547-6	B547-6	B547-6	B547-6	B547-6	B547-7
Sample Code	B547-6 [2.0-2.5]	B547-6 [5.0-5.5]	B547-6 [6.5-7.0]	B547-6 [9.5-10.0]	B547-6 [11.5-12.0]	B547-6 [14.5-15.0]	B547-7 [0.5-1.0]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	6/28/1990
Sampling Depth (feet bgs)	2 - 2.5	5 - 5.5	6.5 - 7	9.5 - 10	11.5 - 12	14.5 - 15	.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							
4,4'-DDD	10 U	2.4 U	2.3 U	2.4 U	2.4 U	2.4 U	16 U
4,4'-DDE	10 U	2.4 U	2.3 U	2.4 U	2.4 U	2.4 U	16 U
4,4'-DDT	10 U	2.4 U	2.3 U	2.4 U	2.4 U	2.4 U	16 U
ALDRIN	5.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
ALPHA-BHC	5.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
ALPHA-CHLORDANE							82 U
AROCLOR-1016	130 U	30 U	29 U	30 U	30 U	30 U	82 U
AROCLOR-1221	130 U	30 U	29 U	30 U	30 U	30 U	82 U
AROCLOR-1232	130 U	30 U	29 U	30 U	30 U	30 U	82 U
AROCLOR-1242	130 U	30 U	29 U	30 U	30 U	30 U	82 U
AROCLOR-1248	130 U	30 U	29 U	30 U	30 U	30 U	82 U
AROCLOR-1254	260 U	59 U	58 U	59 U	60 U	60 U	160 U
AROCLOR-1260	260 U	59 U	58 U	59 U	60 U	60 U	160 U
BETA-BHC	5.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
CHLORDANE	52 U	12 U	12 U	12 U	12 U	12 U	
DELTA-BHC	5.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
DIELDRIN	10 U	2.4 U	2.3 U	2.4 U	2.4 U	2.4 U	16 U
ENDOSULFAN I	10 U	2.4 U	2.3 U	2.4 U	2.4 U	2.4 U	8 U
ENDOSULFAN II	10 U	2.4 U	2.3 U	2.4 U	2.4 U	2.4 U	
ENDOSULFAN SULFATE	10 U	2.4 U	2.3 U	2.4 U	2.4 U	2.4 U	16 U
ENDRIN	10 U	2.4 U	2.3 U	2.4 U	2.4 U	2.4 U	16 U
ENDRIN ALDEHYDE	10 U	2.4 U	2.3 U	2.4 U	2.4 U	2.4 U	
ENDRIN KETONE							
GAMMA-BHC (LINDANE)	5.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
GAMMA-CHLORDANE							82 U
HEPTACHLOR	5.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
HEPTACHLOR EPOXIDE	5.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
METHOXYCHLOR	26 U	5.9 U	5.8 U	5.9 U	6 U	6 U	82 U
TOXAPHENE	260 U	59 U	58 U	59 U	60 U	60 U	160 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-120: SITE 22 PESTICIDES AND PCBs IN SOIL

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

Location	B547-7	B547-7	B547-7	B547-7	B547-7	B547-7	B547-8	B547-8
Sample Code	B547-7 [2.5-3.0]	B547-7 [5.5-6.0]	B547-7 [8.5-9.0]	B547-7 [9.0-9.5]	B547-7 [11.5-12.0]	B547-7 [14.5-15.0]	B547-8 [1.0-1.5]	B547-8 [4.0-4.5]
Sampling Date	6/28/1990	6/28/1990	6/28/1990	6/28/1990	6/28/1990	6/28/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	2.5 - 3	5.5 - 6	8.5 - 9	9 - 9.5	11.5 - 12	14.5 - 15	1 - 1.5	4 - 4.5
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	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte								
4,4'-DDD	17 U	92 U	18 U	19 U	18 U	19 U	2.2 U	2.1 U
4,4'-DDE	17 U	92 U	18 U	19 U	18 U	19 U	6.1	2.1 U
4,4'-DDT	17 U	92 U	18 U	19 U	18 U	19 U	2.2 U	2.1 U
ALDRIN	8 U	46 U	9 U	9 U	9 U	10 U	1.1 U	1.1 U
ALPHA-BHC	8 U	46 U	9 U	9 U	9 U	10 U	1.1 U	1.1 U
ALPHA-CHLORDANE	85 U	460 U	92 U	94 U	92 U	95 U		
AROCLOR-1016	85 U	460 U	92 U	94 U	92 U	95 U	27 U	27 U
AROCLOR-1221	85 U	460 U	92 U	94 U	92 U	95 U	27 U	27 U
AROCLOR-1232	85 U	460 U	92 U	94 U	92 U	95 U	27 U	27 U
AROCLOR-1242	85 U	460 U	92 U	94 U	92 U	95 U	27 U	27 U
AROCLOR-1248	85 U	460 U	92 U	94 U	92 U	95 U	27 U	27 U
AROCLOR-1254	170 U	920 U	190 U	190 U	180 U	190 U	54 U	54 U
AROCLOR-1260	170 U	920 U	190 U	190 U	180 U	190 U	54 U	54 U
BETA-BHC	8 U	46 U	9 U	9 U	9 U	10 U	1.1 U	1.1 U
CHLORDANE							11 U	11 U
DELTA-BHC	8 U	46 U	9 U	9 U	9 U	10 U	1.1 U	1.1 U
DIELDRIN	17 U	92 U	18 U	19 U	18 U	19 U	2.2 U	2.1 U
ENDOSULFAN I	8 U	46 U	9 U	9 U		10 U	2.2 U	2.1 U
ENDOSULFAN II	17 U	92 U	18 U	19 U	18 U	19 U	2.2 U	2.1 U
ENDOSULFAN SULFATE	17 U	92 U	18 U	19 U	18 U	19 U	2.2 U	2.1 U
ENDRIN	17 U	92 U	18 U	19 U	18 U	19 U	2.2 U	2.1 U
ENDRIN ALDEHYDE							2.2 U	2.1 U
ENDRIN KETONE	17 U	92 U	18 U	19 U	18 U	19 U		
GAMMA-BHC (LINDANE)	8 U	46 U	9 U	9 U	9 U	10 U	1.1 U	1.1 U
GAMMA-CHLORDANE	85 U	460 U	92 U	94 U	92 U	95 U		
HEPTACHLOR	8 U	46 U	9 U	9 U	9 U	10 U	1.1 U	1.1 U
HEPTACHLOR EPOXIDE	8 U	46 U	9 U	9 U	9 U	10 U	1.1 U	1.1 U
METHOXYCHLOR	85 U	460 U	92 U	94 U	92 U	95 U	5.4 U	5.4 U
TOXAPHENE	170 U	920 U	190 U	190 U	180 U	190 U	54 U	54 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-120: SITE 22 PESTICIDES AND PCBs IN SOIL

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

Location	B547-8	B547-8	B547-8	B547-8	B547-9	B547-9	B547-9	B547-9
Sample Code	B547-8 [5.5-6.0]	B547-8 [8.5-9.0]	B547-8 [11.5-12.0]	B547-8 [13.0-13.5]	B547-9 [1.0-1.5]	B547-9 [4.0-4.5]	B547-9 [5.5-6.0]	B547-9 [8.5-9.0]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	5.5 - 6	8.5 - 9	11.5 - 12	13 - 13.5	1 - 1.5	4 - 4.5	5.5 - 6	8.5 - 9
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	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte								
4,4'-DDD	2.5 U	2.4 U	2.3 U	2.4 U	2.1 U	2.4 U	2.4 U	2.6 U
4,4'-DDE	2.5 U	2.4 U	2.3 U	2.4 U	2.1 U	2.4 U	2.4 U	2.6 U
4,4'-DDT	2.5 U	2.4 U	2.3 U	2.4 U	2.1 U	2.4 U	2.4 U	2.6 U
ALDRIN	1.3 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U
ALPHA-BHC	1.3 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U
ALPHA-CHLORDANE								
AROCLOR-1016	32 U	30 U	29 U	30 U	26 U	30 U	30 U	32 U
AROCLOR-1221	32 U	30 U	29 U	30 U	26 U	30 U	30 U	32 U
AROCLOR-1232	32 U	30 U	29 U	30 U	26 U	30 U	30 U	32 U
AROCLOR-1242	32 U	30 U	29 U	30 U	26 U	30 U	30 U	32 U
AROCLOR-1248	32 U	30 U	29 U	30 U	26 U	30 U	30 U	32 U
AROCLOR-1254	63 U	60 U	58 U	61 U	53 U	59 U	59 U	64 U
AROCLOR-1260	63 U	60 U	58 U	61 U	53 U	59 U	59 U	64 U
BETA-BHC	1.3 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U
CHLORDANE	13 U	12 U	12 U	12 U	11 U	12 U	12 U	13 U
DELTA-BHC	1.3 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U
DIELDRIN	2.5 U	2.4 U	2.3 U	2.4 U	2.1 U	2.4 U	2.4 U	2.6 U
ENDOSULFAN I	2.5 U	2.4 U	2.3 U	2.4 U	2.1 U	2.4 U	2.4 U	2.6 U
ENDOSULFAN II	2.5 U	2.4 U	2.3 U	2.4 U	2.1 U	2.4 U	2.4 U	2.6 U
ENDOSULFAN SULFATE	2.5 U	2.4 U	2.3 U	2.4 U	2.1 U	2.4 U	2.4 U	2.6 U
ENDRIN	2.5 U	2.4 U	2.3 U	2.4 U	2.1 U	2.4 U	2.4 U	2.6 U
ENDRIN ALDEHYDE	2.5 U	2.4 U	2.3 U	2.4 U	2.1 U	2.4 U	2.4 U	2.6 U
ENDRIN KETONE								
GAMMA-BHC (LINDANE)	1.3 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U
GAMMA-CHLORDANE								
HEPTACHLOR	1.3 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U
HEPTACHLOR EPOXIDE	1.3 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U
METHOXYCHLOR	6.3 U	6 U	5.8 U	6.1 U	5.3 U	5.9 U	5.9 U	6.4 U
TOXAPHENE	63 U	60 U	58 U	61 U	53 U	59 U	59 U	64 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-120: SITE 22 PESTICIDES AND PCBs IN SOIL

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

Location	B547-9	B547-10	B547-10	B547-10	B547-10	B547-10	B547-10
Sample Code	B547-9 [14.5-15.0]	B547-10 [0.5-1.0]	B547-10 [2.5-3.0]	B547-10 [5.5-6.0]	B547-10 [8.5-9.0]	B547-10 [11.5-12.0]	B547-10 [14.5-15.0]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	14.5 - 15	.5 - 1	2.5 - 3	5.5 - 6	8.5 - 9	11.5 - 12	14.5 - 15
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							
4,4'-DDD	2.4 U	2.2 U	2.2 U	2.4 U	2.4 U	2.4 U	2.4 U
4,4'-DDE	2.4 U	15	2.2 U	2.4 U	2.4 U	2.4 U	2.4 U
4,4'-DDT	2.4 U	10	2.2 U	2.4 U	2.4 U	2.4 U	2.4 U
ALDRIN	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
ALPHA-BHC	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
ALPHA-CHLORDANE							
AROCLOR-1016	30 U	27 U	27 U	30 U	30 U	30 U	30 U
AROCLOR-1221	30 U	27 U	27 U	30 U	30 U	30 U	30 U
AROCLOR-1232	30 U	27 U	27 U	30 U	30 U	30 U	30 U
AROCLOR-1242	30 U	27 U	27 U	30 U	30 U	30 U	30 U
AROCLOR-1248	30 U	27 U	27 U	30 U	30 U	30 U	30 U
AROCLOR-1254	60 U	54 U	54 U	61 U	61 U	60 U	60 U
AROCLOR-1260	60 U	54 U	54 U	61 U	61 U	60 U	60 U
BETA-BHC	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
CHLORDANE	12 U	11 U	11 U	12 U	12 U	12 U	12 U
DELTA-BHC	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
DIELDRIN	2.4 U	2.2 U	2.2 U	2.4 U	2.4 U	2.4 U	2.4 U
ENDOSULFAN I	2.4 U	2.2 U	2.2 U	2.4 U	2.4 U	2.4 U	2.4 U
ENDOSULFAN II	2.4 U	2.2 U	2.2 U	2.4 U	2.4 U	2.4 U	2.4 U
ENDOSULFAN SULFATE	2.4 U	2.2 U	2.2 U	2.4 U	2.4 U	2.4 U	2.4 U
ENDRIN	2.4 U	2.2 U	2.2 U	2.4 U	2.4 U	2.4 U	2.4 U
ENDRIN ALDEHYDE	2.4 U	2.2 U	2.2 U	2.4 U	2.4 U	2.4 U	2.4 U
ENDRIN KETONE							
GAMMA-BHC (LINDANE)	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
GAMMA-CHLORDANE							
HEPTACHLOR	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
HEPTACHLOR EPOXIDE	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
METHOXYCHLOR	6 U	5.4 U	5.4 U	11	6.1 U	6 U	6 U
TOXAPHENE	60 U	54 U	54 U	61 U	61 U	60 U	60 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-120: SITE 22 PESTICIDES AND PCBs IN SOIL

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

Location	MW547-1	MW547-1	MW547-1	MW547-1	MW547-1	MW547-1	MW547-2
Sample Code	MW547-1 [0.5-1.0]	MW547-1 [2.5-3.0]	MW547-1 [5.0-5.5]	MW547-1 [8.5-9.0]	MW547-1 [11.5-12.0]	MW547-1 [14.5-15.0]	MW547-2 [0.5-1.0]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	.5 - 1	2.5 - 3	5 - 5.5	8.5 - 9	11.5 - 12	14.5 - 15	.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							
4,4'-DDD	160 U	17 U	18 U			19 U	160 U
4,4'-DDE	160 U	17 U	18 U			19 U	160 U
4,4'-DDT	160 U	17 U	18 U			19 U	160 U
ALDRIN	82 U	8 U	9 U			10 U	82 U
ALPHA-BHC	82 U	8 U	9 U			10 U	82 U
ALPHA-CHLORDANE	820 U	84 U	91 U			95 U	820 U
AROCLOR-1016	820 U	84 U	91 U			95 U	820 U
AROCLOR-1221	820 U	84 U	91 U			95 U	820 U
AROCLOR-1232	820 U	84 U	91 U			95 U	820 U
AROCLOR-1242	820 U	84 U	91 U			95 U	820 U
AROCLOR-1248	820 U	84 U	91 U			95 U	820 U
AROCLOR-1254	1600 U	170 U	180 U			190 U	1600 U
AROCLOR-1260	1600 U	170 U	180 U			190 U	1600 U
BETA-BHC	82 U	8 U	9 U			10 U	82 U
CHLORDANE							
DELTA-BHC	82 U	8 U	9 U			10 U	82 U
DIELDRIN	160 U	17 U	18 U			19 U	160 U
ENDOSULFAN I	82 U	8 U	9 U			10 U	82 U
ENDOSULFAN II	160 U	17 U	18 U	19 U	18 U	19 U	160 U
ENDOSULFAN SULFATE	160 U	17 U	18 U			19 U	160 U
ENDRIN	160 U	17 U	18 U			19 U	160 U
ENDRIN ALDEHYDE							
ENDRIN KETONE	160 U	17 U	18 U	19 U	18 U	19 U	160 U
GAMMA-BHC (LINDANE)	82 U	8 U	9 U			10 U	82 U
GAMMA-CHLORDANE	820 U	84 U	91 U			95 U	820 U
HEPTACHLOR	82 U	8 U	9 U			10 U	82 U
HEPTACHLOR EPOXIDE	82 U	8 U	9 U	9 U	9 U	10 U	82 U
METHOXYCHLOR	820 U	84 U	91 U			95 U	820 U
TOXAPHENE	1600 U	170 U	180 U			190 U	1600 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-120: SITE 22 PESTICIDES AND PCBs IN SOIL

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

Location	MW547-2	MW547-2	MW547-2	MW547-2	MW547-2	MW547-2	MW547-3
Sample Code	MW547-2 [2.5-3.0]	MW547-2 [6.0-6.5]	MW547-2 [6.5-7.0]	MW547-2 [10.0-10.5]	MW547-2 [13.0-13.5]	MW547-2 [14.5-15.0]	MW547-3 [1.0-1.5]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990	7/2/1990
Sampling Depth (feet bgs)	2.5 - 3	6 - 6.5	6.5 - 7	10 - 10.5	13 - 13.5	14.5 - 15	1 - 1.5
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							
4,4'-DDD	170 U	18 U	19 U	20 U	18 U	19 U	2.4
4,4'-DDE	170 U	18 U	19 U	20 U	18 U	19 U	12
4,4'-DDT	170 U	18 U	19 U	20 U	18 U	19 U	2.2 U
ALDRIN	87 U	9 U	9 U	10 U	9 U	10 U	1.1 U
ALPHA-BHC	87 U	9 U	9 U	10 U	9 U	10 U	1.1 U
ALPHA-CHLORDANE	870 U	90 U	94 U	100 U	91 U	95 U	
AROCLOR-1016	870 U	90 U	94 U	100 U	91 U	95 U	28 U
AROCLOR-1221	870 U	90 U	94 U	100 U	91 U	95 U	28 U
AROCLOR-1232	870 U	90 U	94 U	100 U	91 U	95 U	28 U
AROCLOR-1242	870 U	90 U	94 U	100 U	91 U	95 U	28 U
AROCLOR-1248	870 U	90 U	94 U	100 U	91 U	95 U	28 U
AROCLOR-1254	1700 U	180 U	190 U	200 U	180 U	190 U	56 U
AROCLOR-1260	1700 U	180 U	190 U	200 U	180 U	190 U	56 U
BETA-BHC	87 U	9 U	9 U	10 U	9 U	10 U	1.1 U
CHLORDANE							11 U
DELTA-BHC	87 U	9 U	9 U	10 U	9 U	10 U	1.1 U
DIELDRIN	170 U	18 U	19 U	20 U	18 U	19 U	2.2 U
ENDOSULFAN I	87 U	9 U	9 U	10 U	9 U	10 U	2.2 U
ENDOSULFAN II	170 U	18 U	19 U	20 U	18 U	19 U	2.2 U
ENDOSULFAN SULFATE	170 U	18 U	19 U	20 U	18 U	19 U	2.2 U
ENDRIN	170 U	18 U	19 U	20 U	18 U	19 U	2.2 U
ENDRIN ALDEHYDE							2.2 U
ENDRIN KETONE	170 U	18 U	19 U	20 U	18 U	19 U	
GAMMA-BHC (LINDANE)	87 U	9 U	9 U	10 U	9 U	10 U	1.1 U
GAMMA-CHLORDANE	870 U	90 U	94 U	100 U	91 U	95 U	
HEPTACHLOR	87 U	9 U	9 U	10 U	9 U	10 U	1.1 U
HEPTACHLOR EPOXIDE	87 U	9 U	9 U	10 U	9 U	10 U	1.1 U
METHOXYCHLOR	870 U	90 U	94 U	100 U	91 U	95 U	5.6 U
TOXAPHENE	1700 U	180 U	190 U	200 U	180 U	190 U	56 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-120: SITE 22 PESTICIDES AND PCBs IN SOIL

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

Location	MW547-3	MW547-3	MW547-3	MW547-3	MW547-3	MW547-3	MW547-4
Sample Code	MW547-3 [4.0-4.5]	MW547-3 [5.5-6.0]	MW547-3 [8.5-9.0]	MW547-3 [11.0-11.5]	MW547-3 [11.5-12.0]	MW547-3 [14.5-15.0]	MW547-4 [0.5-1.0]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/13/1990	7/2/1990	7/2/1990	6/28/1990
Sampling Depth (feet bgs)	4 - 4.5	5.5 - 6	8.5 - 9	11 - 11.5	11.5 - 12	14.5 - 15	.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							
4,4'-DDD	2.2 U	3.4 U	2.3 U	2.4 U	2.4 U	2.4 U	17 U
4,4'-DDE	2.2 U	3.4 U	2.3 U	2.4 U	2.4 U	2.4 U	17 U
4,4'-DDT	2.2 U	3.4 U	2.3 U	2.4 U	2.4 U	2.4 U	17 U
ALDRIN	1.1 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
ALPHA-BHC	1.1 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
ALPHA-CHLORDANE							84 U
AROCLOR-1016	27 U	42 U	29 U	30 U	30 U	30 U	84 U
AROCLOR-1221	27 U	42 U	29 U	30 U	30 U	30 U	84 U
AROCLOR-1232	27 U	42 U	29 U	30 U	30 U	30 U	84 U
AROCLOR-1242	27 U	42 U	29 U	30 U	30 U	30 U	84 U
AROCLOR-1248	27 U	42 U	29 U	30 U	30 U	30 U	84 U
AROCLOR-1254	54 U	84 U	58 U	60 U	61 U	61 U	170 U
AROCLOR-1260	54 U	84 U	58 U	60 U	61 U	61 U	170 U
BETA-BHC	1.1 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
CHLORDANE	11 U	17 U	12 U	12 U	12 U	12 U	
DELTA-BHC	1.1 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
DIELDRIN	2.2 U	3.4 U	2.3 U	2.4 U	2.4 U	2.4 U	17 U
ENDOSULFAN I	2.2 U	3.4 U	2.3 U	2.4 U	2.4 U	2.4 U	8 U
ENDOSULFAN II	2.2 U	3.4 U	2.3 U	2.4 U	2.4 U	2.4 U	17 U
ENDOSULFAN SULFATE	2.2 U	3.4 U	2.3 U	2.4 U	2.4 U	2.4 U	17 U
ENDRIN	2.2 U	3.4 U	2.3 U	2.4 U	2.4 U	2.4 U	17 U
ENDRIN ALDEHYDE	2.2 U	3.4 U	2.3 U	2.4 U	2.4 U	2.4 U	
ENDRIN KETONE							17 U
GAMMA-BHC (LINDANE)	1.1 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
GAMMA-CHLORDANE							84 U
HEPTACHLOR	1.1 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
HEPTACHLOR EPOXIDE	1.1 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	8 U
METHOXYCHLOR	5.4 U	20	5.8 U	6 U	6.1 U	6.1 U	84 U
TOXAPHENE	54 U	84 U	58 U	60 U	61 U	61 U	170 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-120: SITE 22 PESTICIDES AND PCBs IN SOIL

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

Location	MW547-4	MW547-4	MW547-4	MW547-4	MW547-4	MW547-5	MW547-5
Sample Code	MW547-4 [2.5-3.0]	MW547-4 [5.5-6.0]	MW547-4 [8.5-9.0]	MW547-4 [11.0-11.5]	MW547-4 [14.5-15.0]	MW547-5 [0.5-1.0]	MW547-5 [2.5-3.0]
Sampling Date	6/29/1990	6/28/1990	6/28/1990	6/28/1990	6/28/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	2.5 - 3	5.5 - 6	8.5 - 9	11 - 11.5	14.5 - 15	.5 - 1	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							
4,4'-DDD	17 U	19 U	20 U	19 U	20 U	9 JX	33 U
4,4'-DDE	17 U	19 U	20 U	19 U	20 U	23 JX	33 U
4,4'-DDT	17 U	19 U	20 U	19 U	20 U	53 JX	2.7 JX
ALDRIN	8 U	9 U	10 U	10 U	10 U	42 U	17 U
ALPHA-BHC	8 U	9 U	10 U	10 U	10 U	42 U	17 U
ALPHA-CHLORDANE	85 U	93 U	98 U	95 U	99 U	27 JX	0.9 JX
AROCLOR-1016	85 U	93 U	98 U	95 U	99 U	420 U	170 U
AROCLOR-1221	85 U	93 U	98 U	95 U	99 U	420 U	170 U
AROCLOR-1232	85 U	93 U	98 U	95 U	99 U	420 U	170 U
AROCLOR-1242	85 U	93 U	98 U	95 U	99 U	420 U	170 U
AROCLOR-1248	85 U	93 U	98 U	95 U	99 U	420 U	170 U
AROCLOR-1254	170 U	190 U	200 U	190 U	200 U	840 U	330 U
AROCLOR-1260	170 U	190 U	200 U	190 U	200 U	840 U	330 U
BETA-BHC	8 U	9 U	10 U	10 U	10 U	42 U	17 U
CHLORDANE							
DELTA-BHC	8 U	9 U	10 U	10 U	10 U	42 U	17 U
DIELDRIN	17 U	19 U	20 U	19 U	20 U	84 U	33 U
ENDOSULFAN I	8 U	9 U	10 U	10 U	10 U	42 U	17 U
ENDOSULFAN II	17 U	19 U	20 U	19 U	20 U	84 U	33 U
ENDOSULFAN SULFATE	17 U	19 U	20 U	19 U	20 U	84 U	33 U
ENDRIN	17 U	19 U	20 U	19 U	20 U	84 U	33 U
ENDRIN ALDEHYDE							
ENDRIN KETONE	17 U	19 U	20 U	19 U	20 U	84 U	33 U
GAMMA-BHC (LINDANE)	8 U	9 U	10 U	10 U	10 U	42 U	17 U
GAMMA-CHLORDANE	85 U	93 U	98 U	95 U	99 U	22 JX	1.4 JX
HEPTACHLOR	8 U	9 U	10 U	10 U	10 U	42 U	17 U
HEPTACHLOR EPOXIDE	8 U	9 U	10 U	10 U	10 U	42 U	17 U
METHOXYCHLOR	85 U	93 U	98 U	95 U	99 U	420 U	170 U
TOXAPHENE	170 U	190 U	200 U	190 U	200 U	840 U	330 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-120: SITE 22 PESTICIDES AND PCBs IN SOIL

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

Location	MW547-5	MW547-5	MW547-5	MW547-5	MW547-5
Sample Code	MW547-5 [5.5-6.0]	MW547-5 [8.5-9.0]	MW547-5 [11.5-12.0]	MW547-5 [12.0-12.5]	MW547-5 [14.5-15.0]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	5.5 - 6	8.5 - 9	11.5 - 12	12 - 12.5	14.5 - 15
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					
4,4'-DDD	200 U	19 U	20 U	19 U	20 U
4,4'-DDE	200 U	19 U	20 U	19 U	20 U
4,4'-DDT	200 U	19 U	20 U	19 U	20 U
ALDRIN	99 U	9 U	10 U	10 U	10 U
ALPHA-BHC	99 U	9 U	10 U	10 U	10 U
ALPHA-CHLORDANE	990 U	94 U	99 U	96 U	99 U
AROCLOR-1016	990 U	94 U	99 U	96 U	99 U
AROCLOR-1221	990 U	94 U	99 U	96 U	99 U
AROCLOR-1232	990 U	94 U	99 U	96 U	99 U
AROCLOR-1242	990 U	94 U	99 U	96 U	99 U
AROCLOR-1248	990 U	94 U	99 U	96 U	99 U
AROCLOR-1254	2000 U	190 U	200 U	190 U	200 U
AROCLOR-1260	2000 U	190 U	200 U	190 U	200 U
BETA-BHC	99 U	9 U	10 U	10 U	10 U
CHLORDANE					
DELTA-BHC	99 U	9 U	10 U	10 U	10 U
DIELDRIN	200 U	19 U	20 U	19 U	20 U
ENDOSULFAN I	99 U	9 U	10 U	10 U	10 U
ENDOSULFAN II	200 U	19 U	20 U	19 U	20 U
ENDOSULFAN SULFATE	200 U	19 U	20 U	19 U	20 U
ENDRIN	200 U	19 U	20 U	19 U	20 U
ENDRIN ALDEHYDE					
ENDRIN KETONE	200 U	19 U	20 U	19 U	20 U
GAMMA-BHC (LINDANE)	99 U	9 U	10 U	10 U	10 U
GAMMA-CHLORDANE	990 U	94 U	99 U	96 U	99 U
HEPTACHLOR	99 U	9 U	10 U	10 U	10 U
HEPTACHLOR EPOXIDE	99 U	9 U	10 U	10 U	10 U
METHOXYCHLOR	990 U	94 U	99 U	96 U	99 U
TOXAPHENE	2000 U	190 U	200 U	190 U	200 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B07C-12	B07C-12	B07C-12	B07C-13	B07C-13	B07C-13
Sample Code	280-S7C-004	280-S7C-005	280-S7C-006	280-S7C-007	280-S7C-008	280-S7C-009
Sampling Date	8/17/1994	8/17/1994	8/17/1994	8/23/1994	8/23/1994	8/23/1994
Sampling Depth (feet bgs)	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	1.5 - 2.5	2.5 - 3.5
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						
1,2,4-TRICHLOROBENZENE	360 U	370 U	380 U	360 U	360 U	350 U
1,2-DICHLOROBENZENE	360 U	370 U	380 U	360 U	360 U	350 U
1,2-DIPHENYLHYDRAZINE						
1,3-DICHLOROBENZENE	360 U	370 U	380 U	360 U	360 U	350 U
1,4-DICHLOROBENZENE	360 U	370 U	380 U	360 U	360 U	350 U
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U	370 U	380 U	360 U	360 U	350 U
2,4,5-TRICHLOROPHENOL	880 U	900 U	930 U	880 U	880 U	840 U
2,4,6-TRICHLOROPHENOL	360 U	370 U	380 U	360 U	360 U	350 U
2,4-DICHLOROPHENOL	360 U	370 U	380 U	360 U	360 U	350 U
2,4-DIMETHYLPHENOL	360 U	370 U	380 U	360 U	360 U	350 U
2,4-DINITROPHENOL	880 U	900 U	930 U	880 U	880 U	840 U
2,4-DINITROTOLUENE	360 U	370 U	380 U	360 U	360 U	350 U
2,6-DINITROTOLUENE	360 U	370 U	380 U	360 U	360 U	350 U
2-CHLORONAPHTHALENE	360 U	370 U	380 U	360 U	360 U	350 U
2-CHLOROPHENOL	360 U	370 U	380 U	360 U	360 U	350 U
2-METHYLNAPHTHALENE	360 U	61 J	4400	360 U	270 J	55 J
2-METHYLPHENOL	360 U	370 U	380 U	360 U	360 U	350 U
2-NITROANILINE	880 U	900 U	930 U	880 U	880 U	840 U
2-NITROPHENOL	360 U	370 U	380 U	360 U	360 U	350 U
3,3'-DICHLOROBENZIDINE	360 U	370 U	380 U	360 U	360 U	350 U
3-NITROANILINE	880 UJ	900 UJ	930 UJ	880 U	880 U	840 U
4,6-DINITRO-2-METHYLPHENOL	880 U	900 U	930 U	880 U	880 U	840 U
4-BROMOPHENYL-PHENYLETHER	360 U	370 U	380 U	360 U	360 U	350 U
4-CHLORO-3-METHYLPHENOL	360 U	370 U	380 U	360 U	360 U	350 U
4-CHLOROANILINE	360 U	370 U	380 U	360 U	360 U	350 U
4-CHLOROPHENYL-PHENYLETHER	360 U	370 U	380 U	360 U	360 U	350 U
4-METHYLPHENOL	360 U	370 U	380 U	360 U	360 U	350 U
4-NITROANILINE	880 U	900 U	930 U	880 U	880 U	840 U
4-NITROPHENOL	880 U	900 U	930 U	880 U	880 U	840 U
BENZOIC ACID						
BENZYL ALCOHOL						
BIS(2-CHLOROETHOXY)METHANE	360 U	370 U	380 U	360 U	360 U	350 U
BIS(2-CHLOROETHYL)ETHER	360 U	370 U	380 U	360 U	360 U	350 U
BIS(2-ETHYLHEXYL)PHTHALATE	360 UJ	370 UJ	380 UJ	360 UJ	360 UJ	350 UJ
BUTYLBENZYLPHTHALATE	360 U	370 U	380 U	360 U	360 U	350 U
CARBAZOLE	360 U	370 U	24 J	360 U	360 U	350 U
DIBENZOFURAN	360 U	370 U	380 U	360 U	360 U	350 U
DIETHYLPHTHALATE	360 U	370 U	380 U	360 U	360 U	350 U
DIMETHYLPHTHALATE	360 U	370 U	380 U	360 U	360 U	350 U
DI-N-BUTYLPHTHALATE	360 UJ	370 UJ	380 UJ	360 UJ	360 UJ	350 UJ
DI-N-OCTYLPHTHALATE	360 U	370 U	380 U	360 U	360 U	350 U
HEXACHLOROBENZENE	360 U	370 U	380 U	360 U	360 U	350 U
HEXACHLOROBUTADIENE	360 U	370 U	380 U	360 U	360 U	350 U
HEXACHLOROCYCLOPENTADIENE	360 U	370 U	380 U	360 U	360 UJ	350 UJ
HEXACHLOROETHANE	360 U	370 U	380 U	360 U	360 U	350 U
ISOPHORONE	360 U	370 U	380 U	360 U	360 U	350 U
NITROBENZENE	360 U	370 U	380 U	360 U	360 U	350 U
N-NITROSO-DI-N-PROPYLAMINE	360 U	370 U	380 U	360 U	360 U	350 U
N-NITROSODIPHENYLAMINE	360 U	370 U	380 U	360 U	360 U	350 U
PENTACHLOROPHENOL	880 U	900 U	930 U	880 U	880 U	840 U
PHENOL	360 U	370 U	380 U	360 U	360 U	350 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B07C-13	B07C-14	B07C-14	B07C-14	B07C-15	B07C-15
Sample Code	280-S7C-010	280-S7C-011	280-S7C-012	280-S7C-013	280-S7C-014	280-S7C-015
Sampling Date	8/23/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994
Sampling Depth (feet bgs)	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5
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						
1,2,4-TRICHLOROBENZENE	410 U	360 U	390 U	2000 J	340 U	340 U
1,2-DICHLOROBENZENE	410 U	360 U	390 U	24000 UJ	340 U	340 U
1,2-DIPHENYLHYDRAZINE						
1,3-DICHLOROBENZENE	410 U	360 U	390 U	24000 UJ	340 U	340 U
1,4-DICHLOROBENZENE	410 U	360 U	390 U	24000 UJ	340 U	340 U
2,2'-OXYBIS(1-CHLOROPROPANE)	410 U	360 U	390 U	24000 UJ	340 U	340 U
2,4,5-TRICHLOROPHENOL	1000 U	870 U	940 U	59000 UJ	820 U	820 U
2,4,6-TRICHLOROPHENOL	410 U	360 U	390 U	24000 UJ	340 U	340 U
2,4-DICHLOROPHENOL	410 U	360 U	390 U	24000 UJ	340 U	340 U
2,4-DIMETHYLPHENOL	410 U	360 U	390 U	24000 UJ	340 U	340 U
2,4-DINITROPHENOL	1000 U	870 U	940 U	59000 UJ	820 U	820 U
2,4-DINITROTOLUENE	410 U	360 U	390 U	24000 UJ	340 U	340 U
2,6-DINITROTOLUENE	410 U	360 U	390 U	24000 UJ	340 U	340 U
2-CHLORONAPHTHALENE	410 U	360 U	390 U	24000 UJ	340 U	340 U
2-CHLOROPHENOL	410 U	360 U	390 U	3100 J	340 U	340 U
2-METHYLNAPHTHALENE	12000	23 J	26 J	110000 J	51 J	20 J
2-METHYLPHENOL	410 U	360 U	390 U	24000 UJ	340 U	340 U
2-NITROANILINE	1000 U	870 U	940 U	59000 UJ	820 U	820 U
2-NITROPHENOL	410 U	360 U	390 U	24000 UJ	340 U	340 U
3,3'-DICHLOROBENZIDINE	410 U	360 U	390 U	24000 UJ	340 U	340 U
3-NITROANILINE	1000 U	870 U	940 U	59000 UJ	820 U	820 U
4,6-DINITRO-2-METHYLPHENOL	1000 U	870 U	940 U	59000 UJ	820 U	820 U
4-BROMOPHENYL-PHENYLETHER	410 U	360 U	390 U	24000 UJ	340 U	340 U
4-CHLORO-3-METHYLPHENOL	410 U	360 U	390 U	5700 J	340 U	340 U
4-CHLOROANILINE	410 U	360 U	390 U	24000 UJ	340 U	340 U
4-CHLOROPHENYL-PHENYLETHER	410 U	360 U	390 U	24000 UJ	340 U	340 U
4-METHYLPHENOL	410 U	360 U	390 U	24000 UJ	340 U	340 U
4-NITROANILINE	1000 U	870 U	940 U	59000 UJ	820 U	820 U
4-NITROPHENOL	1000 U	870 U	940 U	59000 UJ	820 U	820 U
BENZOIC ACID						
BENZYL ALCOHOL						
BIS(2-CHLOROETHOXY)METHANE	410 U	360 U	390 U	24000 UJ	340 U	340 U
BIS(2-CHLOROETHYL)ETHER	410 U	360 U	390 U	24000 UJ	340 U	340 U
BIS(2-ETHYLHEXYL)PHTHALATE	410 UJ	360 UJ	390 UJ	24000 UJ	340 UJ	340 U
BUTYLBENZYLPHTHALATE	410 U	360 U	390 U	24000 UJ	340 U	340 U
CARBAZOLE	410 U	360 U	390 U	24000 UJ	340 U	340 U
DIBENZOFURAN	410 U	360 U	390 U	24000 UJ	340 U	340 U
DIETHYLPHTHALATE	410 U	360 U	390 U	24000 UJ	340 U	340 U
DIMETHYLPHTHALATE	410 U	360 U	390 U	24000 UJ	340 U	340 U
DI-N-BUTYLPHTHALATE	410 UJ	360 UJ	390 UJ	24000 UJ	340 UJ	340 UJ
DI-N-OCTYLPHTHALATE	410 U	360 U	390 U	24000 UJ	340 U	340 U
HEXACHLOROBENZENE	410 U	360 U	390 U	24000 UJ	340 U	340 U
HEXACHLOROBUTADIENE	410 U	360 U	390 U	24000 UJ	340 U	340 U
HEXACHLOROCYCLOPENTADIENE	410 U	360 U	390 U	24000 UJ	340 UJ	340 U
HEXACHLOROETHANE	410 U	360 U	390 U	24000 UJ	340 U	340 U
ISOPHORONE	410 U	360 U	390 U	24000 UJ	340 U	340 U
NITROBENZENE	410 U	360 U	390 U	24000 UJ	340 U	340 U
N-NITROSO-DI-N-PROPYLAMINE	410 U	360 U	390 U	24000 UJ	340 U	340 U
N-NITROSODIPHENYLAMINE	410 U	360 U	390 U	24000 UJ	340 U	340 U
PENTACHLOROPHENOL	1000 U	870 UJ	940 UJ	9000 J	820 U	820 UJ
PHENOL	410 U	360 U	390 U	24000 UJ	340 U	340 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B07C-15	B547-6	B547-6	B547-6	B547-6
Sample Code	280-S7C-016	B547-6 [2.0-2.5]	B547-6 [4.5-5.0]	B547-6 [6.0-6.5]	B547-6 [9.0-9.5]
Sampling Date	8/17/1994	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	5 - 6	2 - 2.5	4.5 - 5	6 - 6.5	9 - 9.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,2,4-TRICHLOROBENZENE	390 U	14000 U	380 U	400 U	380 U
1,2-DICHLOROBENZENE	390 U	14000 U	380 U	400 U	380 U
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE	390 U	14000 U	380 U	400 U	380 U
1,4-DICHLOROBENZENE	390 U	14000 U	380 U	400 U	380 U
2,2'-OXYBIS(1-CHLOROPROPANE)	390 U				
2,4,5-TRICHLOROPHENOL	950 U	67000 U	1800 U	2000 U	1800 U
2,4,6-TRICHLOROPHENOL	390 U	14000 U	380 U	400 U	380 U
2,4-DICHLOROPHENOL	390 U	14000 U	380 U	400 U	380 U
2,4-DIMETHYLPHENOL	390 U	14000 U	380 U	400 U	380 U
2,4-DINITROPHENOL	950 U	67000 U	1800 U	2000 U	1800 U
2,4-DINITROTOLUENE	390 U	14000 U	380 U	400 U	380 U
2,6-DINITROTOLUENE	390 U	14000 U	380 U	400 U	380 U
2-CHLORONAPHTHALENE	390 U	14000 U	380 U	400 U	380 U
2-CHLOROPHENOL	390 U	14000 U	380 U	400 U	380 U
2-METHYLNAPHTHALENE	390 U	14000 U	380 U	400 U	380 U
2-METHYLPHENOL	390 U	14000 U	380 U	400 U	380 U
2-NITROANILINE	950 U	67000 U	1800 U	2000 U	1800 U
2-NITROPHENOL	390 U	14000 U	380 U	400 U	380 U
3,3'-DICHLOROBENZIDINE	390 U	28000 U	760 U	810 U	760 U
3-NITROANILINE	950 U	67000 U	1800 U	2000 U	1800 U
4,6-DINITRO-2-METHYLPHENOL	950 U	67000 U	1800 U	2000 U	1800 U
4-BROMOPHENYL-PHENYLETHER	390 U	14000 U	380 U	400 U	380 U
4-CHLORO-3-METHYLPHENOL	390 U	14000 U	380 U	400 U	380 U
4-CHLOROANILINE	390 U	14000 U	380 U	400 U	380 U
4-CHLOROPHENYL-PHENYLETHER	390 U	14000 U	380 U	400 U	380 U
4-METHYLPHENOL	390 U	14000 U	380 U	400 U	380 U
4-NITROANILINE	950 U	67000 U	1800 U	2000 U	1800 U
4-NITROPHENOL	950 U	67000 U	1800 U	2000 U	1800 U
BENZOIC ACID		67000 U	1800 U	2000 U	1800 U
BENZYL ALCOHOL		14000 U	380 U	400 U	380 U
BIS(2-CHLOROETHOXY)METHANE	390 U	14000 U	380 U	400 U	380 U
BIS(2-CHLOROETHYL)ETHER	390 U	14000 U	380 U	400 U	380 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 U	14000 U	380 U	400 U	380 U
BUTYLBENZYLPHTHALATE	390 UJ	14000 U	380 U	400 U	380 U
CARBAZOLE	390 U				
DIBENZOFURAN	390 U	14000 U	380 U	400 U	380 U
DIETHYLPHTHALATE	390 U	14000 U	380 U	400 U	380 U
DIMETHYLPHTHALATE	390 U	14000 U	380 U	400 U	380 U
DI-N-BUTYLPHTHALATE	390 UJ	14000 U	380 U	400 UJ	590 UJ
DI-N-OCTYLPHTHALATE	390 U	14000 U	380 U	400 U	380 U
HEXACHLOROBENZENE	390 U	14000 U	380 U	400 U	380 U
HEXACHLOROBUTADIENE	390 U	14000 U	380 U	400 U	380 U
HEXACHLOROCYCLOPENTADIENE	390 U	14000 U	380 U	400 U	380 U
HEXACHLOROETHANE	390 U	14000 U	380 U	400 U	380 U
ISOPHORONE	390 U	14000 U	380 U	400 U	380 U
NITROBENZENE	390 U	14000 U	380 U	400 U	380 U
N-NITROSO-DI-N-PROPYLAMINE	390 U	14000 U	380 U	400 U	380 U
N-NITROSODIPHENYLAMINE	390 U	14000 U	380 U	400 U	380 U
PENTACHLOROPHENOL	950 U	67000 U	1800 U	2000 U	1800 U
PHENOL	390 U	14000 U	380 U	400 U	380 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-6	B547-6	B547-7	B547-7	B547-7
Sample Code	B547-6 [11.0-11.5]	B547-6 [14.0-14.5]	B547-7 [0.5-1.0]	B547-7 [2.0-2.5]	B547-7 [5.0-5.5]
Sampling Date	7/2/1990	7/2/1990	6/28/1990	6/28/1990	6/28/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	.5 - 1	2 - 2.5	5 - 5.5
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	400 U	400 U	340 U	380 U	720 U
1,2-DICHLOROBENZENE	400 U	400 U	340 U	380 U	720 U
1,2-DIPHENYLHYDRAZINE			340 U	380 U	720 U
1,3-DICHLOROBENZENE	400 U	400 U	340 U	380 U	720 U
1,4-DICHLOROBENZENE	400 U	400 U	340 U	380 U	720 U
2,2'-OXYBIS(1-CHLOROPROPANE)					
2,4,5-TRICHLOROPHENOL	1900 U	1900 U	1700 U	1800 U	3500 U
2,4,6-TRICHLOROPHENOL	400 U	400 U	340 U	380 U	720 U
2,4-DICHLOROPHENOL	400 U	400 U	340 U	380 U	720 U
2,4-DIMETHYLPHENOL	400 U	400 U	340 U	380 U	720 U
2,4-DINITROPHENOL	1900 U	1900 U	1700 U	1800 U	3500 U
2,4-DINITROTOLUENE	400 U	400 U	340 U	380 U	720 U
2,6-DINITROTOLUENE	400 U	400 U	340 U	380 U	720 U
2-CHLORONAPHTHALENE	400 U	400 U	340 U	380 U	720 U
2-CHLOROPHENOL	400 U	400 U	340 U	380 U	720 U
2-METHYLNAPHTHALENE	400 U	400 U	340 U	4100	9400
2-METHYLPHENOL	400 U	400 U	340 U	380 U	720 U
2-NITROANILINE	1900 U	1900 U	1700 U	1800 U	3500 U
2-NITROPHENOL	400 U	400 U	340 U	380 U	720 U
3,3'-DICHLOROBENZIDINE	800 U	800 U	690 U	760 U	1400 U
3-NITROANILINE	1900 U	1900 U	1700 U	1800 U	3500 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	1900 U	1700 U	1800 U	3500 U
4-BROMOPHENYL-PHENYLETHER	400 U	400 U	340 U	380 U	720 U
4-CHLORO-3-METHYLPHENOL	400 U	400 U	340 U	380 U	720 U
4-CHLOROANILINE	400 U	400 U	340 U	380 U	720 U
4-CHLOROPHENYL-PHENYLETHER	400 U	400 U	340 U	380 U	720 U
4-METHYLPHENOL	400 U	400 U	340 U	380 U	720 U
4-NITROANILINE	1900 U	1900 U	1700 U	1800 U	3500 U
4-NITROPHENOL	1900 U	1900 U	1700 U	1800 U	3500 U
BENZOIC ACID	1900 U	1900 U	1700 U	1800 U	3500 U
BENZYL ALCOHOL	400 U	400 U	340 U	380 U	720 U
BIS(2-CHLOROETHOXY)METHANE	400 U	400 U	340 U	380 U	720 U
BIS(2-CHLOROETHYL)ETHER	400 U	400 U	340 U	380 U	720 U
BIS(2-ETHYLHEXYL)PHTHALATE	400 U	400 U	620 UJ	380 UJ	720 UJ
BUTYLBENZYLPHTHALATE	400 U	400 U	340 U	380 U	720 U
CARBAZOLE					
DIBENZOFURAN	400 U	400 U	340 U	380 U	720 U
DIETHYLPHTHALATE	400 U	400 U	340 U	380 U	720 U
DIMETHYLPHTHALATE	400 U	400 U	340 U	380 U	720 U
DI-N-BUTYLPHTHALATE	3600 UJ	420 UJ	340 U	380 U	720 U
DI-N-OCTYLPHTHALATE	400 U	400 U	340 U	380 U	720 U
HEXACHLOROBENZENE	400 U	400 U	340 U	380 U	720 U
HEXACHLOROBUTADIENE	400 U	400 U	340 U	380 U	720 U
HEXACHLOROCYCLOPENTADIENE	400 U	400 U	340 U	380 U	720 U
HEXACHLOROETHANE	400 U	400 U	340 U	380 U	720 U
ISOPHORONE	400 U	400 U	340 U	380 U	720 U
NITROBENZENE	400 U	400 U	340 U	380 U	720 U
N-NITROSO-DI-N-PROPYLAMINE	400 U	400 U	340 U	380 U	720 U
N-NITROSODIPHENYLAMINE	400 U	400 U	340 U	380 U	720 U
PENTACHLOROPHENOL	1900 U	1900 U	1700 U	1800 U	3500 U
PHENOL	400 U	400 U	340 U	380 U	300 J

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-7	B547-7	B547-7	B547-8	B547-8
Sample Code	B547-7 [8.0-8.5]	11.5]	14.5]	B547-8 [1.0-1.5]	B547-8 [3.5-4.0]
Sampling Date	6/28/1990	6/28/1990	6/28/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	8 - 8.5	11 - 11.5	14 - 14.5	1 - 1.5	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					
1,2,4-TRICHLOROBENZENE	390 U	390 U	410 U	1400 U	340 U
1,2-DICHLOROBENZENE	390 U	390 U	410 U	1400 U	340 U
1,2-DIPHENYLHYDRAZINE	390 U	390 U	410 U		
1,3-DICHLOROBENZENE	390 U	390 U	410 U	1400 U	340 U
1,4-DICHLOROBENZENE	390 U	390 U	410 U	1400 U	340 U
2,2'-OXYBIS(1-CHLOROPROPANE)					
2,4,5-TRICHLOROPHENOL	1900 U	1900 U	2000 U	6900 U	1700 U
2,4,6-TRICHLOROPHENOL	390 U	390 U	410 U	1400 U	340 U
2,4-DICHLOROPHENOL	390 U	390 U	410 U	1400 U	340 U
2,4-DIMETHYLPHENOL	390 U	390 U	410 U	1400 U	340 U
2,4-DINITROPHENOL	1900 U	1900 U	2000 U	6900 U	1700 U
2,4-DINITROTOLUENE	390 U	390 U	410 U	1400 U	340 U
2,6-DINITROTOLUENE	390 U	390 U	410 U	1400 U	340 U
2-CHLORONAPHTHALENE	390 U	390 U	410 U	1400 U	340 U
2-CHLOROPHENOL	390 U	390 U	410 U	1400 U	340 U
2-METHYLNAPHTHALENE	390 U	390 U	410 U	1400 U	4400
2-METHYLPHENOL	390 U	390 U	410 U	1400 U	340 U
2-NITROANILINE	1900 U	1900 U	2000 U	6900 U	1700 U
2-NITROPHENOL	390 U	390 U	410 U	1400 U	340 U
3,3'-DICHLOROBENZIDINE	780 U	790 U	810 U	2900 U	690 U
3-NITROANILINE	1900 U	1900 U	2000 U	6900 U	1700 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	1900 U	2000 U	6900 U	1700 U
4-BROMOPHENYL-PHENYLETHER	390 U	390 U	410 U	1400 U	340 U
4-CHLORO-3-METHYLPHENOL	390 U	390 U	410 U	1400 U	340 U
4-CHLOROANILINE	390 U	390 U	410 U	1400 U	340 U
4-CHLOROPHENYL-PHENYLETHER	390 U	390 U	410 U	1400 U	340 U
4-METHYLPHENOL	390 U	390 U	410 U	1400 U	340 U
4-NITROANILINE	1900 U	1900 U	2000 U	6900 U	1700 U
4-NITROPHENOL	1900 U	1900 U	2000 U	6900 U	1700 U
BENZOIC ACID	1900 U	1900 U	2000 U	6900 U	1700 U
BENZYL ALCOHOL	390 U	390 U	410 U	1400 U	340 U
BIS(2-CHLOROETHOXY)METHANE	390 U	390 U	410 U	1400 U	340 U
BIS(2-CHLOROETHYL)ETHER	390 U	390 U	410 U	1400 U	340 U
BIS(2-ETHYLHEXYL)PHTHALATE	450 UJ	490 UJ	410 UJ	1400 U	340 U
BUTYLBENZYLPHTHALATE	390 U	390 U	410 U	1400 U	340 U
CARBAZOLE					
DIBENZOFURAN	390 U	390 U	410 U	1400 U	340 U
DIETHYLPHTHALATE	390 U	390 U	410 U	1400 U	340 U
DIMETHYLPHTHALATE	390 U	390 U	410 U	1400 U	340 U
DI-N-BUTYLPHTHALATE	390 U	390 U	410 U	1400 U	340 U
DI-N-OCTYLPHTHALATE	390 U	390 U	410 U	1400 U	340 U
HEXACHLOROBENZENE	390 U	390 U	410 U	1400 U	340 U
HEXACHLOROBUTADIENE	390 U	390 U	410 U	1400 U	340 U
HEXACHLOROCYCLOPENTADIENE	390 U	390 U	410 U	1400 U	340 U
HEXACHLOROETHANE	390 U	390 U	410 U	1400 U	340 U
ISOPHORONE	390 U	390 U	410 U	1400 U	340 U
NITROBENZENE	390 U	390 U	410 U	1400 U	340 U
N-NITROSO-DI-N-PROPYLAMINE	390 U	390 U	410 U	1400 U	340 U
N-NITROSODIPHENYLAMINE	390 U	390 U	410 U	1400 U	340 U
PENTACHLOROPHENOL	1900 U	1900 U	2000 U	6900 U	1700 U
PHENOL	100 J	390 U	410 U	1400 U	340 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-8	B547-8	B547-8	B547-8	B547-9
Sample Code	B547-8 [5.0-5.5]	B547-8 [8.0-8.5]	11.5]	13.0]	B547-9 [1.0-1.5]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/2/1990
Sampling Depth (feet bgs)	5 - 5.5	8 - 8.5	11 - 11.5	12.5 - 13	1 - 1.5
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	700 U	400 U	400 U	400 U	1400 U
1,2-DICHLOROBENZENE	700 U	400 U	400 U	400 U	1400 U
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE	700 U	400 U	400 U	400 U	1400 U
1,4-DICHLOROBENZENE	700 U	400 U	400 U	400 U	1400 U
2,2'-OXYBIS(1-CHLOROPROPANE)					
2,4,5-TRICHLOROPHENOL	3400 U	1900 U	1900 U	1900 U	6800 U
2,4,6-TRICHLOROPHENOL	700 U	400 U	400 U	400 U	1400 U
2,4-DICHLOROPHENOL	700 U	400 U	400 U	400 U	1400 U
2,4-DIMETHYLPHENOL	700 U	400 U	400 U	400 U	1400 U
2,4-DINITROPHENOL	3400 U	1900 U	1900 U	1900 U	6800 U
2,4-DINITROTOLUENE	700 U	400 U	400 U	400 U	1400 U
2,6-DINITROTOLUENE	700 U	400 U	400 U	400 U	1400 U
2-CHLORONAPHTHALENE	700 U	400 U	400 U	400 U	1400 U
2-CHLOROPHENOL	700 U	400 U	400 U	400 U	1400 U
2-METHYLNAPHTHALENE	1500	400 U	400 U	400 U	1400 U
2-METHYLPHENOL	700 U	400 U	400 U	400 U	1400 U
2-NITROANILINE	3400 U	1900 U	1900 U	1900 U	6800 U
2-NITROPHENOL	700 U	400 U	400 U	400 U	1400 U
3,3'-DICHLOROBENZIDINE	1400 U	800 U	800 U	800 U	2800 U
3-NITROANILINE	3400 U	1900 U	1900 U	1900 U	6800 U
4,6-DINITRO-2-METHYLPHENOL	3400 U	1900 U	1900 U	1900 U	6800 U
4-BROMOPHENYL-PHENYLETHER	700 U	400 U	400 U	400 U	1400 U
4-CHLORO-3-METHYLPHENOL	700 U	400 U	400 U	400 U	1400 U
4-CHLOROANILINE	700 U	400 U	400 U	400 U	1400 U
4-CHLOROPHENYL-PHENYLETHER	700 U	400 U	400 U	400 U	1400 U
4-METHYLPHENOL	700 U	400 U	400 U	400 U	1400 U
4-NITROANILINE	3400 U	1900 U	1900 U	1900 U	6800 U
4-NITROPHENOL	3400 U	1900 U	1900 U	1900 U	6800 U
BENZOIC ACID	3400 U	1900 U	1900 U	1900 U	6800 U
BENZYL ALCOHOL	700 U	400 U	400 U	400 U	1400 U
BIS(2-CHLOROETHOXY)METHANE	700 U	400 U	400 U	400 U	1400 U
BIS(2-CHLOROETHYL)ETHER	700 U	400 U	400 U	400 U	1400 U
BIS(2-ETHYLHEXYL)PHTHALATE	700 U	400 U	400 U	400 U	1400 U
BUTYLBENZYLPHTHALATE	700 U	400 U	400 U	400 U	1400 U
CARBAZOLE					
DIBENZOFURAN	700 U	400 U	400 U	400 U	1400 U
DIETHYLPHTHALATE	700 U	400 U	400 U	400 U	1400 U
DIMETHYLPHTHALATE	700 U	400 U	400 U	400 U	1400 U
DI-N-BUTYLPHTHALATE	2600 UJ	3200 UJ	6300	1400 UJ	1400 U
DI-N-OCTYLPHTHALATE	700 U	400 U	400 U	400 U	1400 U
HEXACHLOROBENZENE	700 U	400 U	400 U	400 U	1400 U
HEXACHLOROBUTADIENE	700 U	400 U	400 U	400 U	1400 U
HEXACHLOROCYCLOPENTADIENE	700 U	400 U	400 U	400 U	1400 U
HEXACHLOROETHANE	700 U	400 U	400 U	400 U	1400 U
ISOPHORONE	700 U	400 U	400 U	400 U	1400 U
NITROBENZENE	700 U	400 U	400 U	400 U	1400 U
N-NITROSO-DI-N-PROPYLAMINE	700 U	400 U	400 U	400 U	1400 U
N-NITROSODIPHENYLAMINE	700 U	400 U	400 U	400 U	1400 U
PENTACHLOROPHENOL	3400 U	1900 U	1900 U	1900 U	6800 U
PHENOL	700 U	400 U	400 U	400 U	1400 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-9	B547-9	B547-9	B547-9	B547-9
Sample Code	B547-9 [3.5-4.0]	B547-9 [5.0-5.5]	B547-9 [8.0-8.5]	11.5]	14.5]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	3.5 - 4	5 - 5.5	8 - 8.5	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					
1,2,4-TRICHLOROBENZENE	390 U	400 U	400 U	400 U	410 U
1,2-DICHLOROBENZENE	390 U	400 U	400 U	400 U	410 U
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE	390 U	400 U	400 U	400 U	410 U
1,4-DICHLOROBENZENE	390 U	400 U	400 U	400 U	410 U
2,2'-OXYBIS(1-CHLOROPROPANE)					
2,4,5-TRICHLOROPHENOL	1900 U	2000 U	1900 U	1900 U	2000 U
2,4,6-TRICHLOROPHENOL	390 U	400 U	400 U	400 U	410 U
2,4-DICHLOROPHENOL	390 U	400 U	400 U	400 U	410 U
2,4-DIMETHYLPHENOL	390 U	400 U	400 U	400 U	410 U
2,4-DINITROPHENOL	1900 U	2000 U	1900 U	1900 U	2000 U
2,4-DINITROTOLUENE	390 U	400 U	400 U	400 U	410 U
2,6-DINITROTOLUENE	390 U	400 U	400 U	400 U	410 U
2-CHLORONAPHTHALENE	390 U	400 U	400 U	400 U	410 U
2-CHLOROPHENOL	390 U	400 U	400 U	400 U	410 U
2-METHYLNAPHTHALENE	390 U	400 U	400 U	400 U	410 U
2-METHYLPHENOL	390 U	400 U	400 U	400 U	410 U
2-NITROANILINE	1900 U	2000 U	1900 U	1900 U	2000 U
2-NITROPHENOL	390 U	400 U	400 U	400 U	410 U
3,3'-DICHLOROBENZIDINE	780 U	810 U	800 U	800 U	820 U
3-NITROANILINE	1900 U	2000 U	1900 U	1900 U	2000 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	2000 U	1900 U	1900 U	2000 U
4-BROMOPHENYL-PHENYLETHER	390 U	400 U	400 U	400 U	410 U
4-CHLORO-3-METHYLPHENOL	390 U	400 U	400 U	400 U	410 U
4-CHLOROANILINE	390 U	400 U	400 U	400 U	410 U
4-CHLOROPHENYL-PHENYLETHER	390 U	400 U	400 U	400 U	410 U
4-METHYLPHENOL	390 U	400 U	400 U	400 U	410 U
4-NITROANILINE	1900 U	2000 U	1900 U	1900 U	2000 U
4-NITROPHENOL	1900 U	2000 U	1900 U	1900 U	2000 U
BENZOIC ACID	1900 U	2000 U	1900 U	1900 U	2000 U
BENZYL ALCOHOL	390 U	400 U	400 U	400 U	410 U
BIS(2-CHLOROETHOXY)METHANE	390 U	400 U	400 U	400 U	410 U
BIS(2-CHLOROETHYL)ETHER	390 U	400 U	400 U	400 U	410 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 U	400 U	400 U	400 U	410 U
BUTYLBENZYLPHTHALATE	390 U	400 U	400 U	400 U	410 U
CARBAZOLE					
DIBENZOFURAN	390 U	400 U	400 U	400 U	410 U
DIETHYLPHTHALATE	390 U	400 U	400 U	400 U	410 U
DIMETHYLPHTHALATE	390 U	400 U	400 U	400 U	410 U
DI-N-BUTYLPHTHALATE	390 U	1000 UJ	400 U	400 U	410 UJ
DI-N-OCTYLPHTHALATE	390 U	400 U	400 U	400 U	410 U
HEXACHLOROBENZENE	390 U	400 U	400 U	400 U	410 U
HEXACHLOROBUTADIENE	390 U	400 U	400 U	400 U	410 U
HEXACHLOROCYCLOPENTADIENE	390 U	400 U	400 U	400 U	410 U
HEXACHLOROETHANE	390 U	400 U	400 U	400 U	410 U
ISOPHORONE	390 U	400 U	400 U	400 U	410 U
NITROBENZENE	390 U	400 U	400 U	400 U	410 U
N-NITROSO-DI-N-PROPYLAMINE	390 U	400 U	400 U	400 U	410 U
N-NITROSODIPHENYLAMINE	390 U	400 U	400 U	400 U	410 U
PENTACHLOROPHENOL	1900 U	2000 U	1900 U	1900 U	2000 U
PHENOL	390 U	400 U	400 U	400 U	410 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-10	B547-10	B547-10	B547-10	B547-10
Sample Code	1.0]	B547-10 [2.0-2.5]	B547-10 [5.0-5.5]	B547-10 [8.0-8.5]	11.5]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	.5 - 1	2 - 2.5	5 - 5.5	8 - 8.5	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					
1,2,4-TRICHLOROBENZENE	710 U	360 U	820 U	400 U	400 U
1,2-DICHLOROBENZENE	710 U	360 U	820 U	400 U	400 U
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE	710 U	360 U	820 U	400 U	400 U
1,4-DICHLOROBENZENE	710 U	360 U	820 U	400 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)					
2,4,5-TRICHLOROPHENOL	3400 U	1700 U	4000 U	2000 U	2000 U
2,4,6-TRICHLOROPHENOL	710 U	360 U	820 U	400 U	400 U
2,4-DICHLOROPHENOL	710 U	360 U	820 U	400 U	400 U
2,4-DIMETHYLPHENOL	710 U	360 U	820 U	400 U	400 U
2,4-DINITROPHENOL	3400 U	1700 U	4000 U	2000 U	2000 U
2,4-DINITROTOLUENE	710 U	360 U	820 U	400 U	
2,6-DINITROTOLUENE	710 U	360 U	820 U	400 U	400 U
2-CHLORONAPHTHALENE	710 U	360 U	820 U	400 U	400 U
2-CHLOROPHENOL	710 U	360 U	820 U	400 U	400 U
2-METHYLNAPHTHALENE	710 U	360 U	820 U	400 U	400 U
2-METHYLPHENOL	710 U	360 U	820 U	400 U	400 U
2-NITROANILINE	3400 U	1700 U	4000 U	2000 U	2000 U
2-NITROPHENOL	710 U	360 U	820 U	400 U	400 U
3,3'-DICHLOROBENZIDINE	1400 U	710 U	1600 U	810 U	810 U
3-NITROANILINE	3400 U	1700 U	4000 U	2000 U	2000 U
4,6-DINITRO-2-METHYLPHENOL	3400 U	1700 U	4000 U	2000 U	2000 U
4-BROMOPHENYL-PHENYLETHER	710 U	360 U	820 U	400 U	400 U
4-CHLORO-3-METHYLPHENOL	710 U	360 U	820 U	400 U	400 U
4-CHLOROANILINE	710 U	360 U	820 U	400 U	400 U
4-CHLOROPHENYL-PHENYLETHER	710 U	360 U	820 U	400 U	400 U
4-METHYLPHENOL	710 U	360 U	820 U	400 U	400 U
4-NITROANILINE	3400 U	1700 U	4000 U	2000 U	2000 U
4-NITROPHENOL	3400 U	1700 U	4000 U	2000 U	2000 U
BENZOIC ACID	3400 U	1700 U	4000 U	2000 U	2000 U
BENZYL ALCOHOL	710 U	360 U	820 U	400 U	400 U
BIS(2-CHLOROETHOXY)METHANE	710 U	360 U	820 U	400 U	400 U
BIS(2-CHLOROETHYL)ETHER	710 U	360 U	820 U	400 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	710 U	360 U	820 U	400 U	400 U
BUTYLBENZYLPHTHALATE	710 U	360 U	820 U	400 U	400 U
CARBAZOLE					
DIBENZOFURAN	710 U	360 U	820 U	400 U	400 U
DIETHYLPHTHALATE	710 U	360 U	820 U	400 U	400 U
DIMETHYLPHTHALATE	710 U	360 U	820 U	400 U	400 U
DI-N-BUTYLPHTHALATE	710 U	390 UJ	860 UJ	400 U	400 U
DI-N-OCTYLPHTHALATE	710 U	360 U	820 U	400 U	400 U
HEXACHLOROBENZENE	710 U	360 U	820 U	400 U	400 U
HEXACHLOROBUTADIENE	710 U	360 U	820 U	400 U	400 U
HEXACHLOROCYCLOPENTADIENE	710 U	360 U	820 U	400 U	400 U
HEXACHLOROETHANE	710 U	360 U	820 U	400 U	400 U
ISOPHORONE	710 U	360 U	820 U	400 U	400 U
NITROBENZENE	710 U	360 U	820 U	400 U	400 U
N-NITROSO-DI-N-PROPYLAMINE	710 U	360 U	820 U	400 U	400 U
N-NITROSODIPHENYLAMINE	710 U	360 U	820 U	400 U	400 U
PENTACHLOROPHENOL	3400 U	1700 U	4000 U	2000 U	2000 U
PHENOL	710 U	360 U	820 U	400 U	400 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-10	M07C-08	M07C-08	M07C-08	MW547-1
Sample Code	14.5]	280-S7C-024	280-S7C-025	280-S7C-026	MW547-1 [0.5-1.0]
Sampling Date	7/2/1990	8/18/1994	8/18/1994	8/18/1994	6/29/1990
Sampling Depth (feet bgs)	14 - 14.5	.5 - 1.5	2.5 - 3.5	5 - 5.5	.5 - 1
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	PH 1&2A 1991	FO 1994	FO 1994	FO 1994	PH 1&2A 1991
Analyte					
1,2,4-TRICHLOROBENZENE	390 U	350 U	390 U	380 U	350 U
1,2-DICHLOROBENZENE	390 U	350 U	390 U	380 U	350 U
1,2-DIPHENYLHYDRAZINE					350 U
1,3-DICHLOROBENZENE	390 U	350 U	390 U	380 U	350 U
1,4-DICHLOROBENZENE	390 U	350 U	390 U	380 U	350 U
2,2'-OXYBIS(1-CHLOROPROPANE)		350 U	390 U	380 U	
2,4,5-TRICHLOROPHENOL	1900 U	840 U	940 U	930 U	1700 U
2,4,6-TRICHLOROPHENOL	390 U	350 U	390 U	380 U	350 U
2,4-DICHLOROPHENOL	390 U	350 U	390 U	380 U	350 U
2,4-DIMETHYLPHENOL	390 U	350 U	390 U	380 U	350 U
2,4-DINITROPHENOL	1900 U	840 U	940 U	930 U	1700 U
2,4-DINITROTOLUENE	390 U	350 U	390 U	380 U	350 U
2,6-DINITROTOLUENE	390 U	350 U	390 U	380 U	350 U
2-CHLORONAPHTHALENE	390 U	350 U	390 U	380 U	350 U
2-CHLOROPHENOL	390 U	350 U	390 U	380 U	350 U
2-METHYLNAPHTHALENE	390 U	25 J	390 U	380 U	350 U
2-METHYLPHENOL	390 U	350 U	390 U	380 U	350 U
2-NITROANILINE	1900 U	840 U	940 U	930 U	1700 U
2-NITROPHENOL	390 U	350 U	390 U	380 U	350 U
3,3'-DICHLOROBENZIDINE	780 U	350 U	390 U	380 U	690 U
3-NITROANILINE	1900 U	840 U	940 U	930 U	1700 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	840 U	940 U	930 U	1700 U
4-BROMOPHENYL-PHENYLETHER	390 U	350 U	390 U	380 U	350 U
4-CHLORO-3-METHYLPHENOL	390 U	350 U	390 U	380 U	350 U
4-CHLOROANILINE	390 U	350 U	390 U	380 U	350 U
4-CHLOROPHENYL-PHENYLETHER	390 U	350 U	390 U	380 U	350 U
4-METHYLPHENOL	390 U	350 U	390 U	380 U	350 U
4-NITROANILINE	1900 U	840 U	940 U	930 U	1700 U
4-NITROPHENOL	1900 U	840 U	940 U	930 U	1700 U
BENZOIC ACID	1900 U				1700 U
BENZYL ALCOHOL	390 U				350 U
BIS(2-CHLOROETHOXY)METHANE	390 U	350 U	390 U	380 U	350 U
BIS(2-CHLOROETHYL)ETHER	390 U	350 U	390 U	380 U	350 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 U	350 UJ	390 UJ	380 U	350 UJ
BUTYLBENZYLPHTHALATE	390 U	350 U	390 U	380 U	350 U
CARBAZOLE		18 J	390 U	380 U	
DIBENZOFURAN	390 U	350 U	390 U	380 U	350 U
DIETHYLPHTHALATE	390 U	350 U	390 U	380 U	350 U
DIMETHYLPHTHALATE	390 U	350 U	390 U	380 U	350 U
DI-N-BUTYLPHTHALATE	440 UJ	350 UJ	390 UJ	380 UJ	350 U
DI-N-OCTYLPHTHALATE	390 U	350 U	390 U	380 U	350 U
HEXACHLOROBENZENE	390 U	350 U	390 U	380 U	350 U
HEXACHLOROBUTADIENE	390 U	350 U	390 U	380 U	350 U
HEXACHLOROCYCLOPENTADIENE	390 U	350 U	390 U	380 U	350 U
HEXACHLOROETHANE	390 U	350 U	390 U	380 U	350 U
ISOPHORONE	390 U	350 U	390 U	380 U	350 U
NITROBENZENE	390 U	350 U	390 U	380 U	350 U
N-NITROSO-DI-N-PROPYLAMINE	390 U	350 U	390 U	380 U	350 U
N-NITROSODIPHENYLAMINE	390 U	350 U	390 U	380 U	350 U
PENTACHLOROPHENOL	1900 U	840 U	940 U	930 U	1700 U
PHENOL	390 U	350 U	390 U	380 U	350 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-1	MW547-1	MW547-1	MW547-1
Sample Code	MW547-1 [2.0-2.5]	MW547-1 [4.5-5.0]	MW547-1 [8.0-8.5]	MW547-1 [11.0-11.5]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	2 - 2.5	4.5 - 5	8 - 8.5	11 - 11.5
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				
1,2,4-TRICHLOROBENZENE	350 U	400 U	400 U	400 U
1,2-DICHLOROBENZENE	350 U	400 U	400 U	400 U
1,2-DIPHENYLHYDRAZINE	350 U	400 U	400 U	400 U
1,3-DICHLOROBENZENE	350 U	400 U	400 U	400 U
1,4-DICHLOROBENZENE	350 U	400 U	400 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,4,5-TRICHLOROPHENOL	1700 U	2000 U	1900 U	1900 U
2,4,6-TRICHLOROPHENOL	350 U	400 U	400 U	400 U
2,4-DICHLOROPHENOL	350 U	400 U	400 U	400 U
2,4-DIMETHYLPHENOL	350 U	400 U	400 U	400 U
2,4-DINITROPHENOL	1700 U	2000 U	1900 U	1900 U
2,4-DINITROTOLUENE	350 U	400 U	400 U	400 U
2,6-DINITROTOLUENE	350 U	400 U	400 U	400 U
2-CHLORONAPHTHALENE	350 U	400 U	400 U	400 U
2-CHLOROPHENOL	350 U	400 U	400 U	400 U
2-METHYLNAPHTHALENE	350 U	400 U	400 U	400 U
2-METHYLPHENOL	350 U	400 U	400 U	400 U
2-NITROANILINE	1700 U	2000 U	1900 U	1900 U
2-NITROPHENOL	350 U	400 U	400 U	400 U
3,3'-DICHLOROBENZIDINE	700 U	800 U	800 U	800 U
3-NITROANILINE	1700 U	2000 U	1900 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	1700 U	2000 U	1900 U	1900 U
4-BROMOPHENYL-PHENYLETHER	350 U	400 U	400 U	400 U
4-CHLORO-3-METHYLPHENOL	350 U	400 U	400 U	400 U
4-CHLOROANILINE	350 U	400 U	400 U	400 U
4-CHLOROPHENYL-PHENYLETHER	350 U	400 U	400 U	400 U
4-METHYLPHENOL	350 U	400 U	400 U	400 U
4-NITROANILINE	1700 U	2000 U	1900 U	1900 U
4-NITROPHENOL	1700 U	2000 U	1900 U	1900 U
BENZOIC ACID	1700 U	2000 U	1900 U	1900 U
BENZYL ALCOHOL	350 U	400 U	400 U	400 U
BIS(2-CHLOROETHOXY)METHANE	350 U	400 U	400 U	400 U
BIS(2-CHLOROETHYL)ETHER	350 U	400 U	400 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	350 U	400 UJ	400 UJ	400 UJ
BUTYLBENZYLPHTHALATE	350 U	400 U	400 U	400 U
CARBAZOLE				
DIBENZOFURAN	350 U	400 U	400 U	400 U
DIETHYLPHTHALATE	350 U	400 U	400 U	400 U
DIMETHYLPHTHALATE	350 U	400 U	400 U	400 U
DI-N-BUTYLPHTHALATE	350 U	400 U	400 U	400 U
DI-N-OCTYLPHTHALATE	350 U	400 U	400 U	400 U
HEXACHLOROBENZENE	350 U	400 U	400 U	400 U
HEXACHLOROBUTADIENE	350 U	400 U	400 U	400 U
HEXACHLOROCYCLOPENTADIENE	350 U	400 U	400 U	400 U
HEXACHLOROETHANE	350 U	400 U	400 U	400 U
ISOPHORONE	350 U	400 U	400 U	400 U
NITROBENZENE	350 U	400 U	400 U	400 U
N-NITROSO-DI-N-PROPYLAMINE	350 U	400 U	400 U	400 U
N-NITROSODIPHENYLAMINE	350 U	400 U	400 U	400 U
PENTACHLOROPHENOL	1700 U	2000 U	1900 U	1900 U
PHENOL	350 U	400 U	400 U	400 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-1	MW547-2	MW547-2	MW547-2
Sample Code	MW547-1 [14.0-14.5]	MW547-2 [0.5-1.0]	MW547-2 [2.0-2.5]	MW547-2 [5.0-5.5]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	14 - 14.5	.5 - 1	2 - 2.5	5 - 5.5
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				
1,2,4-TRICHLOROBENZENE	400 U	340 U	340 U	370 U
1,2-DICHLOROBENZENE	400 U	340 U	340 U	370 U
1,2-DIPHENYLHYDRAZINE	400 U	340 U	340 U	370 U
1,3-DICHLOROBENZENE	400 U	340 U	340 U	370 U
1,4-DICHLOROBENZENE	400 U	340 U	340 U	370 U
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,4,5-TRICHLOROPHENOL	2000 U	1600 U	1600 U	1800 U
2,4,6-TRICHLOROPHENOL	400 U	340 U	340 U	370 U
2,4-DICHLOROPHENOL	400 U	340 U	340 U	370 U
2,4-DIMETHYLPHENOL	400 U	340 U	340 U	370 U
2,4-DINITROPHENOL	2000 U	1600 U	1600 U	1800 U
2,4-DINITROTOLUENE	400 U	340 U	340 U	370 U
2,6-DINITROTOLUENE	400 U	340 U	340 U	370 U
2-CHLORONAPHTHALENE	400 U	340 U	340 U	370 U
2-CHLOROPHENOL	400 U	340 U	340 U	370 U
2-METHYLNAPHTHALENE	400 U	340 U	340 U	370 U
2-METHYLPHENOL	400 U	340 U	340 U	370 U
2-NITROANILINE	2000 U	1600 U	1600 U	1800 U
2-NITROPHENOL	400 U	340 U	340 U	370 U
3,3'-DICHLOROBENZIDINE	800 U	670 U	670 U	750 U
3-NITROANILINE	2000 U	1600 U	1600 U	1800 U
4,6-DINITRO-2-METHYLPHENOL	2000 U	1600 U	1600 U	1800 U
4-BROMOPHENYL-PHENYLETHER	400 U	340 U	340 U	370 U
4-CHLORO-3-METHYLPHENOL	400 U	340 U	340 U	370 U
4-CHLOROANILINE	400 U	340 U	340 U	370 U
4-CHLOROPHENYL-PHENYLETHER	400 U	340 U	340 U	370 U
4-METHYLPHENOL	400 U	340 U	340 U	370 U
4-NITROANILINE	2000 U	1600 U	1600 U	1800 U
4-NITROPHENOL	2000 U	1600 U	1600 U	1800 U
BENZOIC ACID	2000 U	1600 U	1600 U	1800 U
BENZYL ALCOHOL	400 U	340 U	340 U	370 U
BIS(2-CHLOROETHOXY)METHANE	400 U	340 U	340 U	370 U
BIS(2-CHLOROETHYL)ETHER	400 U	340 U	340 U	370 U
BIS(2-ETHYLHEXYL)PHTHALATE	400 UJ	340 UJ	340 UJ	370 UJ
BUTYLBENZYLPHTHALATE	400 U	340 U	340 U	370 U
CARBAZOLE				
DIBENZOFURAN	400 U	340 U	340 U	370 U
DIETHYLPHTHALATE	400 U	340 U	340 U	370 U
DIMETHYLPHTHALATE	400 U	340 U	340 U	370 U
DI-N-BUTYLPHTHALATE	400 U	340 UJ	340 U	370 U
DI-N-OCTYLPHTHALATE	400 U	340 U	340 U	370 U
HEXACHLOROBENZENE	400 U	340 U	340 U	370 U
HEXACHLOROBUTADIENE	400 U	340 U	340 U	370 U
HEXACHLOROCYCLOPENTADIENE	400 U	340 U	340 U	370 U
HEXACHLOROETHANE	400 U	340 U	340 U	370 U
ISOPHORONE	400 U	340 U	340 U	370 U
NITROBENZENE	400 U	340 U	340 U	370 U
N-NITROSO-DI-N-PROPYLAMINE	400 U	340 U	340 U	370 U
N-NITROSODIPHENYLAMINE	400 U	340 U	340 U	370 U
PENTACHLOROPHENOL	2000 U	1600 U	1600 U	1800 U
PHENOL	400 U	340 U	340 U	370 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-2	MW547-2	MW547-2	MW547-2
Sample Code	MW547-2 [5.5-6.0]	MW547-2 [9.5-10.0]	MW547-2 [12.5-13.0]	MW547-2 [14.0-14.5]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	5.5 - 6	9.5 - 10	12.5 - 13	14 - 14.5
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				
1,2,4-TRICHLOROBENZENE	380 U	450 U	380 U	400 U
1,2-DICHLOROBENZENE	380 U	450 U	380 U	400 U
1,2-DIPHENYLHYDRAZINE	380 U	450 U	380 U	400 U
1,3-DICHLOROBENZENE	380 U	450 U	380 U	400 U
1,4-DICHLOROBENZENE	380 U	450 U	380 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,4,5-TRICHLOROPHENOL	1800 U	2200 U	1800 U	2000 U
2,4,6-TRICHLOROPHENOL	380 U	450 U	380 U	400 U
2,4-DICHLOROPHENOL	380 U	450 U	380 U	400 U
2,4-DIMETHYLPHENOL	380 U	450 U	380 U	400 U
2,4-DINITROPHENOL	1800 U	2200 U	1800 U	2000 U
2,4-DINITROTOLUENE	380 U	450 U	380 U	400 U
2,6-DINITROTOLUENE	380 U	450 U	380 U	400 U
2-CHLORONAPHTHALENE	380 U	450 U	380 U	400 U
2-CHLOROPHENOL	380 U	450 U	380 U	400 U
2-METHYLNAPHTHALENE	380 U	450 U	380 U	400 U
2-METHYLPHENOL	380 U	450 U	380 U	400 U
2-NITROANILINE	1800 U	2200 U	1800 U	2000 U
2-NITROPHENOL	380 U	450 U	380 U	400 U
3,3'-DICHLOROBENZIDINE	760 U	900 U	760 U	800 U
3-NITROANILINE	1800 U	2200 U	1800 U	2000 U
4,6-DINITRO-2-METHYLPHENOL	1800 U	2200 U	1800 U	2000 U
4-BROMOPHENYL-PHENYLETHER	380 U	450 U	380 U	400 U
4-CHLORO-3-METHYLPHENOL	380 U	450 U	380 U	400 U
4-CHLOROANILINE	380 U	450 U	380 U	400 U
4-CHLOROPHENYL-PHENYLETHER	380 U	450 U	380 U	400 U
4-METHYLPHENOL	380 U	450 U	380 U	400 U
4-NITROANILINE	1800 U	2200 U	1800 U	2000 U
4-NITROPHENOL	1800 U	2200 U	1800 U	2000 U
BENZOIC ACID	1800 U	2200 U	1800 U	2000 U
BENZYL ALCOHOL	380 U	450 U	380 U	400 U
BIS(2-CHLOROETHOXY)METHANE	380 U	450 U	380 U	400 U
BIS(2-CHLOROETHYL)ETHER	380 U	450 U	380 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	670 UJ	1600 UJ	3600 UJ	1400 UJ
BUTYLBENZYLPHTHALATE	380 U	450 U	380 U	400 U
CARBAZOLE				
DIBENZOFURAN	380 U	450 U	380 U	400 U
DIETHYLPHTHALATE	380 U	450 U	380 U	400 U
DIMETHYLPHTHALATE	380 U	450 U	380 U	400 U
DI-N-BUTYLPHTHALATE	380 U	450 UJ	380 U	400 U
DI-N-OCTYLPHTHALATE	380 U	450 U	380 U	400 U
HEXACHLOROBENZENE	380 U	450 U	380 U	400 U
HEXACHLOROBUTADIENE	380 U	450 U	380 U	400 U
HEXACHLOROCYCLOPENTADIENE	380 U	450 U	380 U	400 U
HEXACHLOROETHANE	380 U	450 U	380 U	400 U
ISOPHORONE	380 U	450 U	380 U	400 U
NITROBENZENE	380 U	450 U	380 U	400 U
N-NITROSO-DI-N-PROPYLAMINE	380 U	450 U	380 U	400 U
N-NITROSODIPHENYLAMINE	380 U	450 U	380 U	400 U
PENTACHLOROPHENOL	1800 U	2200 U	1800 U	2000 U
PHENOL	380 U	450 U	380 U	400 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-3	MW547-3	MW547-3	MW547-3
Sample Code	MW547-3 [1.0-1.5]	MW547-3 [3.5-4.0]	MW547-3 [5.0-5.5]	MW547-3 [8.0-8.5]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	1 - 1.5	3.5 - 4	5 - 5.5	8 - 8.5
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				
1,2,4-TRICHLOROBENZENE	740 U	1500 U	410 U	390 U
1,2-DICHLOROBENZENE	740 U	1500 U	410 U	390 U
1,2-DIPHENYLHYDRAZINE				
1,3-DICHLOROBENZENE	740 U	1500 U	410 U	390 U
1,4-DICHLOROBENZENE	740 U	1500 U	410 U	390 U
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,4,5-TRICHLOROPHENOL	3600 U	7400 U	2000 U	1900 U
2,4,6-TRICHLOROPHENOL	740 U	1500 U	410 U	390 U
2,4-DICHLOROPHENOL	740 U	1500 U	410 U	390 U
2,4-DIMETHYLPHENOL	740 U	1500 U	410 U	390 U
2,4-DINITROPHENOL	3600 U	1800 U	2000 U	1900 U
2,4-DINITROTOLUENE	740 U	380 U	410 U	390 U
2,6-DINITROTOLUENE	740 U	380 U	410 U	390 U
2-CHLORONAPHTHALENE	740 U	1500 U	410 U	390 U
2-CHLOROPHENOL	740 U	1500 U	410 U	390 U
2-METHYLNAPHTHALENE	740 U	16000	410 U	390 U
2-METHYLPHENOL	740 U	1500 U	410 U	390 U
2-NITROANILINE	3600 U	7400 U	2000 U	1900 U
2-NITROPHENOL	740 U	1500 U	410 U	390 U
3,3'-DICHLOROBENZIDINE	1500 U	760 U	820 U	780 U
3-NITROANILINE	3600 U	1800 U	2000 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	3600 U	1800 U	2000 U	1900 U
4-BROMOPHENYL-PHENYLETHER	740 U	380 U	410 U	390 U
4-CHLORO-3-METHYLPHENOL	740 U	1500 U	410 U	390 U
4-CHLOROANILINE	740 U	1500 U	410 U	390 U
4-CHLOROPHENYL-PHENYLETHER	740 U	380 U	410 U	390 U
4-METHYLPHENOL	740 U	1500 U	410 U	390 U
4-NITROANILINE	3600 U	1800 U	2000 U	1900 U
4-NITROPHENOL	3600 U	1800 U	2000 U	1900 U
BENZOIC ACID	3600 U	7400 U	2000 U	1900 U
BENZYL ALCOHOL	740 U	1500 U	410 U	390 U
BIS(2-CHLOROETHOXY)METHANE	740 U	1500 U	410 U	390 U
BIS(2-CHLOROETHYL)ETHER	740 U	1500 U	410 U	390 U
BIS(2-ETHYLHEXYL)PHTHALATE	740 U	380 U	410 U	390 U
BUTYLBENZYLPHTHALATE	740 U	380 U	410 U	390 U
CARBAZOLE				
DIBENZOFURAN	740 U	380 U	410 U	390 U
DIETHYLPHTHALATE	740 U	380 U	410 U	390 U
DIMETHYLPHTHALATE	740 U	1500 U	410 U	390 U
DI-N-BUTYLPHTHALATE	740 U	380 U	540 UJ	390 U
DI-N-OCTYLPHTHALATE	740 U	380 U	410 U	390 U
HEXACHLOROBENZENE	740 U	380 U	410 U	390 U
HEXACHLOROBUTADIENE	740 U	1500 U	410 U	390 U
HEXACHLOROCYCLOPENTADIENE	740 U	1500 U	410 U	390 U
HEXACHLOROETHANE	740 U	1500 U	410 U	390 U
ISOPHORONE	740 U	1500 U	410 U	390 U
NITROBENZENE	740 U	1500 U	410 U	390 U
N-NITROSO-DI-N-PROPYLAMINE	740 U	1500 U	410 U	390 U
N-NITROSODIPHENYLAMINE	740 U	380 U	410 U	390 U
PENTACHLOROPHENOL	3600 U	1800 U	2000 U	1900 U
PHENOL	740 U	1500 U	410 U	390 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-3	MW547-3	MW547-3	MW547-4
Sample Code	MW547-3 [10.5-11.0]	MW547-3 [11.5-12.0]	MW547-3 [14.0-14.5]	MW547-4 [0.5-1.0]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	6/28/1990
Sampling Depth (feet bgs)	10.5 - 11	11.5 - 12	14 - 14.5	.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				
1,2,4-TRICHLOROBENZENE	400 U	400 U	390 U	330 U
1,2-DICHLOROBENZENE	400 U	400 U	390 U	330 U
1,2-DIPHENYLHYDRAZINE				330 U
1,3-DICHLOROBENZENE	400 U	400 U	390 U	330 U
1,4-DICHLOROBENZENE	400 U	400 U	390 U	330 U
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,4,5-TRICHLOROPHENOL	2000 U	2000 U	1900 U	1600 U
2,4,6-TRICHLOROPHENOL	400 U	400 U	390 U	330 U
2,4-DICHLOROPHENOL	400 U	400 U	390 U	330 U
2,4-DIMETHYLPHENOL	400 U	400 U	390 U	330 U
2,4-DINITROPHENOL	2000 U	2000 U	1900 U	1600 U
2,4-DINITROTOLUENE	400 U	400 U	390 U	330 U
2,6-DINITROTOLUENE	400 U	400 U	390 U	330 U
2-CHLORONAPHTHALENE	400 U	400 U	390 U	330 U
2-CHLOROPHENOL	400 U	400 U	390 U	330 U
2-METHYLNAPHTHALENE	400 U	400 U	390 U	330 U
2-METHYLPHENOL	400 U	400 U	390 U	330 U
2-NITROANILINE	2000 U	2000 U	1900 U	1600 U
2-NITROPHENOL	400 U	400 U	390 U	330 U
3,3'-DICHLOROBENZIDINE	810 U	800 U	780 U	660 U
3-NITROANILINE	2000 U	2000 U	1900 U	1600 U
4,6-DINITRO-2-METHYLPHENOL	2000 U	2000 U	1900 U	1600 U
4-BROMOPHENYL-PHENYLETHER	400 U	400 U	390 U	330 U
4-CHLORO-3-METHYLPHENOL	400 U	400 U	390 U	330 U
4-CHLOROANILINE	400 U	400 U	390 U	330 U
4-CHLOROPHENYL-PHENYLETHER	400 U	400 U	390 U	330 U
4-METHYLPHENOL	400 U	400 U	390 U	330 U
4-NITROANILINE	2000 U	2000 U	1900 U	1600 U
4-NITROPHENOL	2000 U	2000 U	1900 U	1600 U
BENZOIC ACID	2000 U	2000 U	1900 U	1600 U
BENZYL ALCOHOL	400 U	400 U	390 U	330 U
BIS(2-CHLOROETHOXY)METHANE	400 U	400 U	390 U	330 U
BIS(2-CHLOROETHYL)ETHER	400 U	400 U	390 U	330 U
BIS(2-ETHYLHEXYL)PHTHALATE	400 U	400 U	390 U	330 UJ
BUTYLBENZYLPHTHALATE	400 U	400 U	390 U	330 U
CARBAZOLE				
DIBENZOFURAN	400 U	400 U	390 U	330 U
DIETHYLPHTHALATE	400 U	400 U	390 U	330 U
DIMETHYLPHTHALATE	400 U	400 U	390 U	330 U
DI-N-BUTYLPHTHALATE	650 UJ	480 UJ	3000 UJ	330 U
DI-N-OCTYLPHTHALATE	400 U	400 U	390 U	330 U
HEXACHLOROBENZENE	400 U	400 U	390 U	330 U
HEXACHLOROBUTADIENE	400 U	400 U	390 U	330 U
HEXACHLOROCYCLOPENTADIENE	400 U	400 U	390 U	330 U
HEXACHLOROETHANE	400 U	400 U	390 U	330 U
ISOPHORONE	400 U	400 U	390 U	330 U
NITROBENZENE	400 U	400 U	390 U	330 U
N-NITROSO-DI-N-PROPYLAMINE	400 U	400 U	390 U	330 U
N-NITROSODIPHENYLAMINE	400 U	400 U	390 U	330 U
PENTACHLOROPHENOL	2000 U	2000 U	1900 U	1600 U
PHENOL	400 U	400 U	390 U	330 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-4	MW547-4	MW547-4	MW547-4
Sample Code	MW547-4 [2.5-3.0]	MW547-4 [5.5-6.0]	MW547-4 [8.5-9.0]	MW547-4 [11.0-11.5]
Sampling Date	6/29/1990	6/28/1990	6/28/1990	6/28/1990
Sampling Depth (feet bgs)	2.5 - 3	5.5 - 6	8.5 - 9	11 - 11.5
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				
1,2,4-TRICHLOROBENZENE	350 U	380 U	400 U	410 U
1,2-DICHLOROBENZENE	350 U	380 U	400 U	410 U
1,2-DIPHENYLHYDRAZINE	350 U	380 U	400 U	410 U
1,3-DICHLOROBENZENE	350 U	380 U	400 U	410 U
1,4-DICHLOROBENZENE	350 U	380 U	400 U	410 U
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,4,5-TRICHLOROPHENOL	1700 U	1800 U	1900 U	2000 U
2,4,6-TRICHLOROPHENOL	350 U	380 U	400 U	410 U
2,4-DICHLOROPHENOL	350 U	380 U	400 U	410 U
2,4-DIMETHYLPHENOL	350 U	380 U	400 U	410 U
2,4-DINITROPHENOL	1700 U	1800 U	1900 U	2000 U
2,4-DINITROTOLUENE	350 U	380 U	400 U	410 U
2,6-DINITROTOLUENE	350 U	380 U	400 U	410 U
2-CHLORONAPHTHALENE	350 U	380 U	400 U	410 U
2-CHLOROPHENOL	350 U	380 U	400 U	410 U
2-METHYLNAPHTHALENE	350 U	380 U	400 U	410 U
2-METHYLPHENOL	350 U	380 U	400 U	410 U
2-NITROANILINE	1700 U	1800 U	1900 U	2000 U
2-NITROPHENOL	350 U	380 U	400 U	410 U
3,3'-DICHLOROBENZIDINE	700 U	760 U	800 U	810 U
3-NITROANILINE	1700 U	1800 U	1900 U	2000 U
4,6-DINITRO-2-METHYLPHENOL	1700 U	1800 U	1900 U	2000 U
4-BROMOPHENYL-PHENYLETHER	350 U	380 U	400 U	410 U
4-CHLORO-3-METHYLPHENOL	350 U	380 U	400 U	410 U
4-CHLOROANILINE	350 U	380 U	400 U	410 U
4-CHLOROPHENYL-PHENYLETHER	350 U	380 U	400 U	410 U
4-METHYLPHENOL	350 U	380 U	400 U	410 U
4-NITROANILINE	1700 U	1800 U	1900 U	2000 U
4-NITROPHENOL	1700 U	1800 U	1900 U	2000 U
BENZOIC ACID	1700 U	1800 U	1900 U	2000 U
BENZYL ALCOHOL	350 U	380 U	400 U	410 U
BIS(2-CHLOROETHOXY)METHANE	350 U	380 U	400 U	410 U
BIS(2-CHLOROETHYL)ETHER	350 U	380 U	400 U	410 U
BIS(2-ETHYLHEXYL)PHTHALATE	350 UJ	380 UJ	400 UJ	410 UJ
BUTYLBENZYLPHTHALATE	350 U	380 U	400 U	410 U
CARBAZOLE				
DIBENZOFURAN	350 U	380 U	400 U	410 U
DIETHYLPHTHALATE	350 U	380 U	400 U	410 U
DIMETHYLPHTHALATE	350 U	380 U	400 U	410 U
DI-N-BUTYLPHTHALATE	350 U	380 U	400 U	410 U
DI-N-OCTYLPHTHALATE	350 U	380 U	400 U	410 U
HEXACHLOROBENZENE	350 U	380 U	400 U	410 U
HEXACHLOROBUTADIENE	350 U	380 U	400 U	410 U
HEXACHLOROCYCLOPENTADIENE	350 U	380 U	400 U	410 U
HEXACHLOROETHANE	350 U	380 U	400 U	410 U
ISOPHORONE	350 U	380 U	400 U	410 U
NITROBENZENE	350 U	380 U	400 U	410 U
N-NITROSO-DI-N-PROPYLAMINE	350 U	380 U	400 U	410 U
N-NITROSODIPHENYLAMINE	350 U	380 U	400 U	410 U
PENTACHLOROPHENOL	1700 U	1800 U	1900 U	2000 U
PHENOL	350 U	380 U	400 U	410 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-4	MW547-5	MW547-5	MW547-5
Sample Code	MW547-4 [14.5-15.0]	MW547-5 [0.5-1.0]	MW547-5 [2.0-2.5]	MW547-5 [5.0-5.5]
Sampling Date	6/28/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	14.5 - 15	.5 - 1	2 - 2.5	5 - 5.5
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				
1,2,4-TRICHLOROBENZENE	410 U	350 U	340 U	400 U
1,2-DICHLOROBENZENE	410 U	350 U	340 U	400 U
1,2-DIPHENYLHYDRAZINE	410 U	350 U	340 U	400 U
1,3-DICHLOROBENZENE	410 U	350 U	340 U	400 U
1,4-DICHLOROBENZENE	410 U	350 U	340 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,4,5-TRICHLOROPHENOL	2000 U	1700 U	1600 U	2000 U
2,4,6-TRICHLOROPHENOL	410 U	350 U	340 U	400 U
2,4-DICHLOROPHENOL	410 U	350 U	340 U	400 U
2,4-DIMETHYLPHENOL	410 U	350 U	340 U	400 U
2,4-DINITROPHENOL	2000 U	1700 U	1600 U	2000 U
2,4-DINITROTOLUENE	410 U	350 U	340 U	400 U
2,6-DINITROTOLUENE	410 U	350 U	340 U	400 U
2-CHLORONAPHTHALENE	410 U	350 U	340 U	400 U
2-CHLOROPHENOL	410 U	350 U	340 U	400 U
2-METHYLNAPHTHALENE	410 U	350 U	340 U	400 U
2-METHYLPHENOL	410 U	350 U	340 U	400 U
2-NITROANILINE	2000 U	1700 U	1600 U	2000 U
2-NITROPHENOL	410 U	350 U	340 U	400 U
3,3'-DICHLOROBENZIDINE	810 U	690 U	680 U	800 U
3-NITROANILINE	2000 U	1700 U	1600 U	2000 U
4,6-DINITRO-2-METHYLPHENOL	2000 U	1700 U	1600 U	2000 U
4-BROMOPHENYL-PHENYLETHER	410 U	350 U	340 U	400 U
4-CHLORO-3-METHYLPHENOL	410 U	350 U	340 U	400 U
4-CHLOROANILINE	410 U	350 U	340 U	400 U
4-CHLOROPHENYL-PHENYLETHER	410 U	350 U	340 U	400 U
4-METHYLPHENOL	410 U	350 U	340 U	400 U
4-NITROANILINE	2000 U	1700 U	1600 U	2000 U
4-NITROPHENOL	2000 U	1700 U	1600 U	2000 U
BENZOIC ACID	2000 U	1700 U	1600 U	2000 U
BENZYL ALCOHOL	410 U	350 U	340 U	400 U
BIS(2-CHLOROETHOXY)METHANE	410 U	350 U	340 U	400 U
BIS(2-CHLOROETHYL)ETHER	410 U	350 U	340 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE	410 UJ	350 UJ	340 UJ	1300 UJ
BUTYLBENZYLPHTHALATE	410 U	350 U	340 U	400 U
CARBAZOLE				
DIBENZOFURAN	410 U	350 U	340 U	400 U
DIETHYLPHTHALATE	410 U	350 U	340 U	400 U
DIMETHYLPHTHALATE	410 U	350 U	340 U	400 U
DI-N-BUTYLPHTHALATE	410 U	350 U	340 UJ	400 U
DI-N-OCTYLPHTHALATE	410 U	350 U	340 U	400 U
HEXACHLOROBENZENE	410 U	350 U	340 U	400 U
HEXACHLOROBUTADIENE	410 U	350 U	340 U	400 U
HEXACHLOROCYCLOPENTADIENE	410 U	350 U	340 U	400 U
HEXACHLOROETHANE	410 U	350 U	340 U	400 U
ISOPHORONE	410 U	350 U	340 U	400 U
NITROBENZENE	410 U	350 U	340 U	400 U
N-NITROSO-DI-N-PROPYLAMINE	410 U	350 U	340 U	400 U
N-NITROSODIPHENYLAMINE	410 U	350 U	340 U	400 U
PENTACHLOROPHENOL	2000 U	1700 U	1600 U	2000 U
PHENOL	410 U	350 U	340 U	400 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-121: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-5	MW547-5	MW547-5	MW547-5
Sample Code	MW547-5 [8.0-8.5]	MW547-5 [10.5-11.0]	MW547-5 [11.0-11.5]	14.5]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	7/13/1990
Sampling Depth (feet bgs)	8 - 8.5	10.5 - 11	11 - 11.5	14 - 14.5
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				
1,2,4-TRICHLOROBENZENE	390 U	400 U	390 U	390 U
1,2-DICHLOROBENZENE	390 U	400 U	390 U	390 U
1,2-DIPHENYLHYDRAZINE	390 U	400 U	390 U	390 U
1,3-DICHLOROBENZENE	390 U	400 U	390 U	390 U
1,4-DICHLOROBENZENE	390 U	400 U	390 U	390 U
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,4,5-TRICHLOROPHENOL	1900 U	1900 U	1900 U	1900 U
2,4,6-TRICHLOROPHENOL	390 U	400 U	390 U	390 U
2,4-DICHLOROPHENOL	390 U	400 U	390 U	390 U
2,4-DIMETHYLPHENOL	390 U	400 U	390 U	390 U
2,4-DINITROPHENOL	1900 U	1900 U	1900 U	1900 U
2,4-DINITROTOLUENE	390 U	400 U	390 U	390 U
2,6-DINITROTOLUENE	390 U	400 U	390 U	390 U
2-CHLORONAPHTHALENE	390 U	400 U	390 U	390 U
2-CHLOROPHENOL	390 U	400 U	390 U	390 U
2-METHYLNAPHTHALENE	390 U	400 U	390 U	390 U
2-METHYLPHENOL	390 U	400 U	390 U	390 U
2-NITROANILINE	1900 U	1900 U	1900 U	1900 U
2-NITROPHENOL	390 U	400 U	390 U	390 U
3,3'-DICHLOROBENZIDINE	790 U	800 U	790 U	780 U
3-NITROANILINE	1900 U	1900 U	1900 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	1900 U	1900 U	1900 U	1900 U
4-BROMOPHENYL-PHENYLETHER	390 U	400 U	390 U	390 U
4-CHLORO-3-METHYLPHENOL	390 U	400 U	390 U	390 U
4-CHLOROANILINE	390 U	400 U	390 U	390 U
4-CHLOROPHENYL-PHENYLETHER	390 U	400 U	390 U	390 U
4-METHYLPHENOL	390 U	400 U	390 U	390 U
4-NITROANILINE	1900 U	1900 U	1900 U	1900 U
4-NITROPHENOL	1900 U	1900 U	1900 U	1900 U
BENZOIC ACID	1900 U	1900 U	1900 U	1900 U
BENZYL ALCOHOL	390 U	400 U	390 U	390 U
BIS(2-CHLOROETHOXY)METHANE	390 U	400 U	390 U	390 U
BIS(2-CHLOROETHYL)ETHER	390 U	400 U	390 U	390 U
BIS(2-ETHYLHEXYL)PHTHALATE	390 UJ	400 UJ	390 UJ	650 UJ
BUTYLBENZYLPHTHALATE	390 U	400 U	390 U	390 U
CARBAZOLE				
DIBENZOFURAN	390 U	400 U	390 U	390 U
DIETHYLPHTHALATE	390 U	400 U	390 U	390 U
DIMETHYLPHTHALATE	390 U	400 U	390 U	390 U
DI-N-BUTYLPHTHALATE	390 U	400 U	390 U	390 U
DI-N-OCTYLPHTHALATE	390 U	400 U	390 U	390 U
HEXACHLOROBENZENE	390 U	400 U	390 U	390 U
HEXACHLOROBUTADIENE	390 U	400 U	390 U	390 U
HEXACHLOROCYCLOPENTADIENE	390 U	400 U	390 U	390 U
HEXACHLOROETHANE	390 U	400 U	390 U	390 U
ISOPHORONE	390 U	400 U	390 U	390 U
NITROBENZENE	390 U	400 U	390 U	390 U
N-NITROSO-DI-N-PROPYLAMINE	390 U	400 U	390 U	390 U
N-NITROSODIPHENYLAMINE	390 U	400 U	390 U	390 U
PENTACHLOROPHENOL	1900 U	1900 U	1900 U	1900 U
PHENOL	390 U	400 U	390 U	390 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-122: SITE 22 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S022B001	C3S022B001	C3S022B001	C3S022B001	C3S022B002	C3S022B002	C3S022B002	C3S022B002	C3S022B003
Sample Code	C0590947	C0590948	C0590949	C0590950	C0590951	C0590952	C0590953	C0590954	C0590955
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
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	0.026 U	0.11	0.026 U	0.005 U	0.005 U	0.006 U	0.026 U
ACENAPHTHENE							0.016 UJ	0.018 UJ	
ACENAPHTHYLENE	0.016 UJ	0.016 UJ	0.026 UJ	0.017 UJ	0.026 UJ	0.016 UJ	0.016 U	0.018 U	0.026 UJ
ANTHRACENE							0.005 UJ	0.006 UJ	
BENZ(A)ANTHRACENE			0.011 J	0.0025 J	0.011 J	0.0033 J	0.005 UJ	0.006 UJ	
BENZO(A)PYRENE			0.019 J	0.003 J	0.013 J	0.0049 J	0.005 UJ	0.006 UJ	0.0097 J
BENZO(B)FLUORANTHENE			0.027 J	0.0052 J	0.016 J	0.0085 J	0.005 UJ	0.006 UJ	0.017 J
BENZO(G,H,I)PERYLENE			0.015 J	0.0034 J	0.013 J	0.0052 J	0.005 UJ	0.0037 J	0.0088 J
BENZO(K)FLUORANTHENE			0.013 J	0.0029 J		0.0046 J	0.005 UJ	0.006 UJ	
CHRYSENE			0.021 J	0.0033 J	0.011 J	0.0046 J	0.005 UJ	0.006 UJ	0.01 J
DIBENZ(A,H)ANTHRACENE	0.005 UJ	0.005 UJ	0.026 UJ	0.006 UJ	0.026 UJ	0.005 UJ	0.005 U	0.006 U	0.026 UJ
FLUORANTHENE	0.0022 J		0.017 J	0.0048 J		0.0059 J	0.005 UJ	0.006 UJ	0.01 J
FLUORENE							0.01 U	0.01 U	
INDENO(1,2,3-CD)PYRENE					0.011 J	0.0037 J	0.005 UJ	0.0045 J	
NAPHTHALENE	0.01 U	0.01 U	0.026 U	0.072	0.026 U	0.01 U	0.01 U	0.01 U	0.026 U
PHENANTHRENE			0.01 J	0.0028 J		0.002 J	0.005 UJ	0.006 UJ	
PYRENE	0.002 J		0.02 J	0.0087 J	0.014 J	0.0073 J	0.005 UJ	0.006 UJ	0.014 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-122: SITE 22 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S022B003	C3S022B003	C3S022B003	C3S022B004	C3S022B004	C3S022B004	C3S022B004	C3S022B005	C3S022B005
Sample Code	C0590957	C0590958	C0590959	C0590960	C0590961	C0590962	C0590963	C0590964	C0590965
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
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	0.005 U	0.01 U	0.006 U	0.005 U	0.0011 J	0.005 U	0.006 U	0.026 U	0.026 U
ACENAPHTHENE				0.015 UJ	0.0013 J	0.016 UJ	0.018 UJ		
ACENAPHTHYLENE	0.015 UJ	0.011 UJ	0.018 UJ	0.015 U	0.0025 J	0.016 U	0.018 U	0.026 UJ	0.026 UJ
ANTHRACENE				0.0018 J	0.0019 J	0.005 UJ	0.006 UJ		
BENZ(A)ANTHRACENE				0.013 J	0.013 J	0.0056 J	0.0098 J		
BENZO(A)PYRENE			0.0019 J	0.013 J	0.013 J	0.002 J	0.015 J		
BENZO(B)FLUORANTHENE			0.0017 J	0.015 J	0.015 J	0.0028 J	0.015 J	0.0092 J	
BENZO(G,H,I)PERYLENE				0.014 J	0.016 J	0.0044 J	0.02 J	0.008 J	
BENZO(K)FLUORANTHENE				0.005 J	0.0054 J	0.005 UJ	0.0042 J		
CHRYSENE				0.011 J	0.0094 J	0.0019 J	0.0054 J	0.0089 J	
DIBENZ(A,H)ANTHRACENE	0.005 UJ	0.011 UJ	0.006 UJ	0.0031 J	0.0034 J	0.005 U	0.0027 J	0.026 UJ	0.026 UJ
FLUORANTHENE			0.0028 J	0.015 J	0.015 J	0.0024 J	0.011 J	0.011 J	
FLUORENE				0.01 U	0.01 U	0.01 U	0.01 U		
INDENO(1,2,3-CD)PYRENE				0.012 J	0.013 J	0.0054 J	0.015 J		
NAPHTHALENE	0.01 U	0.011 U	0.01 U	0.0012 J	0.0015 J	0.01 U	0.0013 J	0.026 U	0.026 U
PHENANTHRENE				0.0081 J	0.0072 J	0.005 UJ	0.0025 J		
PYRENE			0.0037 J	0.0019 J	0.018 J	0.0031 J	0.006 UJ	0.015 J	

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-122: SITE 22 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S022B005	C3S022B005	C3S022B006	C3S022B006	C3S022B006	C3S022B006	C3S022B007	C3S022B007	C3S022B007
Sample Code	C0590967	C0590968	C0590969	C0590970	C0590971	C0590972	C0590973	C0590974	C0590975
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
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	0.0043 J	0.006 U	2.2	2	36	11	16	2500	1800
ACENAPHTHENE		0.0038 J		0.023 J	0.13 J	0.075 J	5.2 U	19	16
ACENAPHTHYLENE	0.0022 J	0.018 UJ	0.014 J	0.01 J	0.056 J	0.037 J	5.2 U	7	6.2
ANTHRACENE	0.0016 J			0.017 J	0.08 J	0.045 J	1 J	27	28
BENZ(A)ANTHRACENE	0.011 J		0.019 J	0.017 J	0.055 J	0.041 J	3.5 J	33	36
BENZO(A)PYRENE	0.018 J			0.0072 J	0.028 J	0.084 J	2 J	18 J	18
BENZO(B)FLUORANTHENE	0.016 J		0.031 J	0.015 J	0.047 J	0.061 J	5.4	25 J	21
BENZO(G,H,I)PERYLENE	0.017 J		0.011 J	0.0049 J	0.013 J	0.068 J	5.8	8.5 J	10
BENZO(K)FLUORANTHENE	0.015 J		0.017 J	0.0081 J	0.026 J	0.055 J	2.5 J	20 J	14
CHRYSENE	0.017 J		0.032 J	0.016 J	0.051 J	0.052 J	4.9 J	30	26
DIBENZ(A,H)ANTHRACENE	0.0046 J	0.006 UJ	0.027 UJ	0.0018 J	0.0054 J	0.0082 J	5.2 U	3.5 J	2.8 J
FLUORANTHENE	0.02 J		0.086 J	0.053 J	0.21 J	0.15 J	3.8 J	80	100
FLUORENE			0.026 J	0.021 J	0.091 J	0.057 J	5.2 U	18	20
INDENO(1,2,3-CD)PYRENE	0.014 J			0.0032 J	0.01 J	0.042 J	3 J	7.8 J	9.7
NAPHTHALENE	0.0044 J	0.01 U	1.6	1.1	34	6.7	7.2	2500	680
PHENANTHRENE	0.0099 J		0.098 J	0.059 J	0.25 J	0.14 J	10	120	130
PYRENE	0.023 J		0.059 J	0.046 J	0.17 J	0.19 J	5.4	80	100

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-122: SITE 22 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S022B007	C3S022B008	C3S022B008	C3S022B008	C3S022B008	C3S022B009	C3S022B009	C3S022B009	C3S022B009
Sample Code	C0590977	C0590978	C0590979	C0590980	C0590981	C0590982	C0590983	C0590984	C0590985
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
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	22000	1.2 J	0.57 J	1.6 J	1.4 J	3.3 J	0.72 J	5.3 U	3.5 J
ACENAPHTHENE	49	5.3 U	5.4 U	5.3 U	5.6 U	3.9 J	5.1 U	5.3 U	7.8
ACENAPHTHYLENE	30	5.3 U	5.4 U	5.3 U	5.6 U	7.8	5.1 U	5.3 U	12
ANTHRACENE	58	5.3 U	5.4 U	5.3 U	5.6 U	10	5.1 U	5.3 U	19
BENZ(A)ANTHRACENE	69	1.7 J	1.4 J	0.7 J	0.58 J	86	4.9 J	0.8 J	160
BENZO(A)PYRENE	31	2.5 J	3.2 J	1.6 J	1 J	130	12	1.8 J	510 J
BENZO(B)FLUORANTHENE	33	2.8 J	2.8 J	1.5 J	0.79 J	120	10	1.2 J	300
BENZO(G,H,I)PERYLENE	19	5.3	5.4	3.4 J	2.6 J	150	12	3.4 J	440 J
BENZO(K)FLUORANTHENE	25	1.5 J	2.3 J	0.75 J	0.65 J	85	8.8	0.9 J	240
CHRYSENE	48	3.5 J	1.9 J	0.88 J	0.73 J	86	7.2	1.1 J	190
DIBENZ(A,H)ANTHRACENE	4.5 J	3.8 J	3.1 J	5.3 U	2 J	22	4.6 J	5.3 U	51
FLUORANTHENE	190	2 J	2.8 J	1.5 J	1.2 J	200	5.9	1.4 J	430
FLUORENE	81	5.3 U	5.4 U	5.3 U	5.6 U	2.8 J	5.1 U	5.3 U	6.4 J
INDENO(1,2,3-CD)PYRENE	15	4.4 J	4.6 J	2.9 J	2.2 J	120	11	2.4 J	330 J
NAPHTHALENE	25000	0.98 J	0.94 J	2.3 J	2.3 J	7.4	0.72 J	5.3 U	33
PHENANTHRENE	540 J	5.8	0.86 J	0.45 J	0.52 J	72	2.2 J	0.53 J	75
PYRENE	190	3.4 J	3.9 J	1.9 J	1.9 J	260	7.7	1.8 J	820

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-122: SITE 22 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S022B010	C3S022B010	C3S022B010	C3S022B010	C3S022B011	C3S022B011	C3S022B011	C3S022B011	C3S022B012
Sample Code	C0590987	C0590988	C0590989	C0590990	C0590991	C0590992	C0590993	C0590994	C0590995
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
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	1.8 J	3.2 J	2.2 J	1.3 J	19	43	1 J	23	120
ACENAPHTHENE	1.4 J	5.1 U	5.5 U	5.9 U	5.3 U	5.3 U	5.2 U	5.6 U	5.6 U
ACENAPHTHYLENE	1.1 J	5.1 U	5.5 U	5.9 U	5.3 U	5.3 U	5.2 U	5.6 U	5.6 U
ANTHRACENE	2.7 J	2.4 J	1.6 J	0.84 J	5.3 U	5.3 U	5.2 U	5.6 U	5.6 U
BENZ(A)ANTHRACENE	21	17	11	4.5 J	1.4 J	1.9 J	5.2 U	0.67 J	5.6 U
BENZO(A)PYRENE	33	23	20	8.6	2.6 J	4.7 J	5.2 U	1.3 J	5.6 U
BENZO(B)FLUORANTHENE	27	12	8.9	5.5 J	5.3	6.2	5.2 U	1.4 J	5.6 U
BENZO(G,H,I)PERYLENE	32	38	28	12	5.3 U	5.3 U	5.2 U	5.6 U	5.6 U
BENZO(K)FLUORANTHENE	25	11	14	5.6 J	2.7 J	3.7 J	5.2 U	0.88 J	5.6 U
CHRYSENE	26	29	15	5.2 J	4 J	3.6 J	5.2 U	0.94 J	0.48 J
DIBENZ(A,H)ANTHRACENE	6.8	8.7	3.8 J	2.2 J	5.3 U	5.3 U	5.2 U	5.6 U	5.6 U
FLUORANTHENE	43	19	24	7.9	1.2 J	3 J	5.2 U	1.3 J	5.6 U
FLUORENE	5.1 U	5.1 U	5.5 U	5.9 U	5.3 U	5.3 U	5.2 U	5.6 U	5.6 U
INDENO(1,2,3-CD)PYRENE	27	20	16	8.5	5.3 U	5.3 U	5.2 U	5.6 U	5.6 U
NAPHTHALENE	2.2 J	2.7 J	3.3 J	1.4 J	13	27	0.51 J	25	27
PHENANTHRENE	18	23	10	5 J	4.7 J	2.2 J	5.2 U	1.4 J	1.6 J
PYRENE	48	28	31	9.6	2.2 J	4.2 J	5.2 U	2.2 J	5.6 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-122: SITE 22 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S022B012	C3S022B012	C3S022B012	C3S022B013	C3S022B013	C3S022B013	C3S022B013	C3S022B014	C3S022B014
Sample Code	C0590997	C0590998	C0590999	C0591000	C0591001	C0591002	C0591003	C0591004	C0591005
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
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	3800	280	11000	4.9 J	120	9	27 J	1.2 J	0.26 J
ACENAPHTHENE	29	5.8	43	55 U	1.2 J	5.2 U	5.6 U	0.32 J	5.2 U
ACENAPHTHYLENE	20	3 J	25	55 U	5.3 U	5.2 U	5.6 U	0.93 J	5.2 U
ANTHRACENE	27	7.2	43	55 U	1.2 J	5.2 U	5.6 U	1.4 J	5.2 U
BENZ(A)ANTHRACENE	30	8.7	42	55 U	6.2	5.2 U	5.6 U	6.5 J	5.2 UJ
BENZO(A)PYRENE	28	7.6	29	8.7 J	11	0.63 J	5.6 U	9.9 J	
BENZO(B)FLUORANTHENE	27	7.5	26	6.7 J	10	5.2 UJ	5.6 U	12 J	0.28 J
BENZO(G,H,I)PERYLENE	19	5.3 U	17	55 U	6.9	5.2 UJ	5.6 U	9.8 J	0.22 J
BENZO(K)FLUORANTHENE	25	6.1	24	5.5 J	8.8	0.38 J	0.37 J	8.5 J	0.24 J
CHRYSENE	30	9.5	37	4.7 J	9	5.2 U	5.6 U	10 J	0.23 J
DIBENZ(A,H)ANTHRACENE	5.3 U	5.3 U	5.7 U	55 U	5.3 U	5.2 UJ	5.6 U	1.8 J	5.2 U
FLUORANTHENE	60	20	78	55 U	10	0.49 J	0.69 J	12	0.4 J
FLUORENE	50	11	73	55 U	1.4 J	5.2 U	5.6 U	0.47 J	5.2 U
INDENO(1,2,3-CD)PYRENE	14	5.3 U	10	55 U	5.4	5.2 UJ	5.6 U	10 J	5.2 UJ
NAPHTHALENE	1900	110	12000	4.2 J	130	6.1	17	1.5 J	0.27 J
PHENANTHRENE	110	31	180	55 U	7.1	0.69 J	0.68 J	5.5 J	5.2 UJ
PYRENE	71	24	110	5 J	12	0.59 J	0.97 J	14	5.2 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-122: SITE 22 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S022B014	C3S022B014	C3S022B015	C3S022B015	C3S022B015	C3S022B015	C3S022B016	C3S022B016	C3S022B016
Sample Code	C0591007	C0591008	C0591009	C0591010	C0591011	C0591012	C0591013	C0591014	C0591015
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
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	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	0.3 J	4.4 J	0.0044 J	0.0041 J	0.006 U	0.005 J	10	4.6 J	3.4 J
ACENAPHTHENE	5.6 U	0.92 J	0.0068 J	0.0047 J	0.017 U	0.0041 J	0.29 J	5.2 U	5.5 U
ACENAPHTHYLENE	5.6 U	1.4 J	0.014 J	0.01 J	0.017 U	0.0047 J	1.5 J	5.2 U	5.5 U
ANTHRACENE	5.6 U	2.4 J	0.025	0.021	0.006 U	0.0048 J	1.6 J	5.2 U	5.5 U
BENZ(A)ANTHRACENE	5.6 UJ	9.2 J	0.11 J	0.07 J	0.0043 J	0.029 J	5.2 J	0.28 J	0.37 J
BENZO(A)PYRENE	0.24 J	13 J	0.19 J	0.096 J	0.006 UJ	0.049 J	8.9 J	0.43 J	0.22 J
BENZO(B)FLUORANTHENE	0.31 J	13 J	0.17 J	0.094 J	0.006 UJ	0.052 J	14 J	0.59 J	0.31 J
BENZO(G,H,I)PERYLENE	0.24 J	9.7 J	0.2 J	0.084 J	0.0032 J	0.051 J	13 J	1.2 J	0.86 J
BENZO(K)FLUORANTHENE	5.6 UJ	10 J	0.055 J	0.029 J	0.006 UJ	0.014 J	5.7 J	0.3 J	5.5 UJ
CHRYSENE	0.27 J	14 J	0.14 J	0.089 J	0.006 UJ	0.031 J	14 J	0.44 J	0.32 J
DIBENZ(A,H)ANTHRACENE	5.6 U	2 J	0.038	0.013	0.006 U	0.0074	3.7 J	5.2 U	5.5 U
FLUORANTHENE	0.49 J	24	0.35 J	0.16 J	0.006 UJ	0.035 J	8.1	0.45 J	0.5 J
FLUORENE	5.6 U	1.5 J	0.0039 J	0.0033 J	0.01 U	0.01 U	0.65 J	5.2 U	5.5 U
INDENO(1,2,3-CD)PYRENE	0.17 J	10 J	0.13 J	0.064 J	0.0038 J	0.041 J	11 J	0.7 J	0.34 J
NAPHTHALENE	0.36 J	6.2	0.017	0.015	0.01 U	0.0062 J	8.8	2.4 J	1.9 J
PHENANTHRENE	5.6 UJ	13 J	0.12	0.089	0.006 U	0.015	8.2 J	5.2 UJ	5.5 UJ
PYRENE	5.6 U	29	0.33 J	0.17 J	0.006 UJ	0.097 J	11	5.2 U	5.5 U

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-122: SITE 22 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S022B016	C3S022B017	C3S022B017	C3S022B017	C3S022B017	C3S022B018	C3S022B018	C3S022B018	C3S022B018
Sample Code	C0591017	C0591018	C0591019	C0591020	C0591021	C0591022	C0591023	C0591024	C0591025
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
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	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	6.6	0.006 U	0.0013 J	0.005 U	0.0015 J	0.62 J	0.45 J	0.4 J	6.6
ACENAPHTHENE	2.9 J	0.017 U	0.016 U	0.016 U	0.017 U	5.5 U	5.3 U	5.3 U	8.4
ACENAPHTHYLENE	3.5 J	0.017 U	0.016 U	0.016 U	0.017 U	0.67 J	0.35 J	5.3 U	18
ANTHRACENE	7.2	0.0032 J	0.005 U	0.005 U	0.006 U	1.1 J	0.41 J	5.3 U	59
BENZ(A)ANTHRACENE	31 J	0.023 J	0.0058 J	0.005 UJ	0.0083 J	5.2 J	2.3 J	5.3 UJ	160 J
BENZO(A)PYRENE	78 J	0.016 J	0.0041 J	0.005 UJ	0.0069 J	11 J	4.3 J	0.17 J	270 J
BENZO(B)FLUORANTHENE	52 J	0.02 J	0.0062 J	0.005 UJ	0.0074 J	10 J	3.3 J	0.25 J	170 J
BENZO(G,H,I)PERYLENE	65 J	0.014 J	0.0066 J	0.0027 J	0.0079 J	10 J	3.6 J	0.2 J	170 J
BENZO(K)FLUORANTHENE	43 J	0.0072 J	0.005 UJ	0.005 UJ	0.0025 J	7.5 J	2.9 J	0.2 J	150 J
CHRYSENE	44 J	0.017 J	0.0068 J	0.005 UJ	0.0046 J	8.3 J	2.9 J	0.22 J	220 J
DIBENZ(A,H)ANTHRACENE	6.6	0.0035 J	0.0018 J	0.005 U	0.0019 J	1 J	0.35 J	5.3 U	28
FLUORANTHENE	120	0.031 J	0.0071 J	0.005 UJ	0.012 J	13	5.8	0.4 J	460
FLUORENE	1.8 J	0.01 U	0.01 U	0.01 U	0.01 U	0.3 J	5.3 U	5.3 U	12
INDENO(1,2,3-CD)PYRENE	63 J	0.014 J	0.0075 J	0.005 UJ	0.0079 J	9.4 J	3.3 J	5.3 UJ	190 J
NAPHTHALENE	20	0.01 U	0.0017 J	0.01 U	0.0029 J	1.3 J	0.62 J	0.47 J	27
PHENANTHRENE	18 J	0.016	0.0037 J	0.005 U	0.0044 J	4.5 J	2.2 J	5.3 UJ	230 J
PYRENE	200	0.031 J	0.0068 J	0.005 UJ	0.011 J	19	8.1	5.3 U	660

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-122: SITE 22 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S022B019	C3S022B019	C3S022B019	C3S022B019	C3S022B020	C3S022B020	C3S022B020	C3S022B020	C3S022B021
Sample Code	C0591027	C0591028	C0591029	C0591030	C0591031	C0591032	C0591033	C0591034	C0591035
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
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	UG/KG
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte									
2-METHYLNAPHTHALENE	0.003 J	0.012	0.0035 J	0.03	0.013	0.0023 J	0.011	0.012	11
ACENAPHTHENE	0.005 J	0.035	0.017 U	0.095 J	0.016 U	0.016 U	0.017 U	0.019 U	0.67 J
ACENAPHTHYLENE	0.014 J	0.013 J	0.0022 J	0.038 J	0.0047 J	0.016 U	0.002 J	0.0042 J	2.5 J
ANTHRACENE	0.01	0.022	0.0026 J	0.094	0.0094	0.005 U	0.0018 J	0.0031 J	3.7 J
BENZ(A)ANTHRACENE	0.059 J	0.068 J	0.015 J	0.32 J	0.053 J	0.0087 J	0.013 J	0.016 J	9.3 J
BENZO(A)PYRENE	0.12 J	0.11 J	0.022 J	0.56 J	0.064 J	0.0066 J	0.0094 J	0.022 J	18 J
BENZO(B)FLUORANTHENE	0.12 J	0.11 J	0.023 J	0.55 J	0.065 J	0.0083 J	0.013 J	0.028 J	25 J
BENZO(G,H,I)PERYLENE	0.11 J	0.089 J	0.024 J	0.48 J	0.055 J	0.0099 J	0.011 J	0.025 J	56 J
BENZO(K)FLUORANTHENE	0.031 J	0.029 J	0.007 J	0.16 J	0.021 J	0.0025 J	0.0028 J	0.0061 J	8.9 J
CHRYSENE	0.053 J	0.064 J	0.016 J	0.36 J	0.098 J	0.0064 J	0.012 J	0.021 J	62 J
DIBENZ(A,H)ANTHRACENE	0.015	0.013	0.0038 J	0.056 J	0.016	0.0024 J	0.003 J	0.0046 J	11
FLUORANTHENE	0.17 J	0.21 J	0.029 J	1.3 J	0.076 UJ	0.0083 J	0.013 J	0.027 J	20
FLUORENE	0.053	0.018	0.01 U	0.044 J	0.0024 J	0.01 U	0.01 U	0.01 U	2.2 J
INDENO(1,2,3-CD)PYRENE	0.062 J	0.057 J	0.019 J	0.35 J	0.033 J	0.0095 J	0.0087 J	0.018 J	34 J
NAPHTHALENE	0.0072 J	0.024	0.0035 J	0.084 J	0.0085 J	0.002 J	0.0068 J	0.0079 J	7.9
PHENANTHRENE	0.048	0.17	0.011	0.3	0.091	0.0051	0.0092	0.014	19 J
PYRENE	0.14 J	0.19 J	0.028 J	1.5 J	0.083 J	0.0075 J	0.013 J	0.03 J	56

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-122: SITE 22 POLYNUCLEAR AROMATIC HYDROCARBONS IN SOIL

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

Location	C3S022B021	C3S022B021	C3S022B021	C3S022B022	C3S022B022	C3S022B022	C3S022B022
Sample Code	C0591037	C0591038	C0591039	C0591040	C0591041	C0591042	C0591043
Sampling Date	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
Sampling Depth (feet bgs)	.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
Investigation	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY	PAH STUDY
Analyte							
2-METHYLNAPHTHALENE	10	0.57 J	0.59 J	10 J	39 J	4.7 J	2.7 J
ACENAPHTHENE	0.64 J	5.8 U	5.8 U	0.49 J	1.1 J	0.94 J	5.7 U
ACENAPHTHYLENE	2.4 J	5.8 U	5.8 U	2.9 J	3.1 J	0.85 J	0.4 J
ANTHRACENE	3.3 J	5.8 U	0.25 J	5 J	7.3	1.1 J	0.53 J
BENZ(A)ANTHRACENE	9.3 J	0.41 J	0.67 J	6	17	2 J	1.8 J
BENZO(A)PYRENE	10 J	0.42 J	0.73 J	15	17	1.6 J	2.1 J
BENZO(B)FLUORANTHENE	13 J	0.89 J	1 J	20	19	2.6 J	3.1 J
BENZO(G,H,I)PERYLENE	11 J	0.74 J	0.82 J	39	17	2.1 J	4.3 J
BENZO(K)FLUORANTHENE	10 J	0.57 J	0.75 J	5.5 U	13	1.8 J	1.9 J
CHRYSENE	22 J	1.3 J	1.7 J	27	29	3.5 J	5.4 J
DIBENZ(A,H)ANTHRACENE	2.8 J	5.8 U	5.8 U	11	4.6 J	1.1 J	0.77 J
FLUORANTHENE	20	1.2 J	1.6 J	12	36	4.1 J	5.6 J
FLUORENE	1.5 J	0.34 J	0.5 J	3.9 J	5.4 J	1.5 J	0.86 J
INDENO(1,2,3-CD)PYRENE	10 J	0.69 J	0.76 J	19	18	2.1 J	2.6 J
NAPHTHALENE	6.9	0.66 J	0.95 J	5.3 J	26 J	4.2 J	3 J
PHENANTHRENE	18 J	1.3 J	1.6 J	19 J	46 J	3.9 J	5.6 J
PYRENE	27	1.2 J	2 J	16	36	3.5 J	5.2 J

Notes:

UG/KG Micrograms per kilogram

MG/KG Milligrams per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B07C-12	B07C-12	B07C-12	B07C-13	B07C-13	B07C-13
Sample Code	280-S7C-004	280-S7C-005	280-S7C-006	280-S7C-007	280-S7C-008	280-S7C-009
Sampling Date	8/17/1994	8/17/1994	8/17/1994	8/23/1994	8/23/1994	8/23/1994
Sampling Depth (feet bgs)	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	1.5 - 2.5	2.5 - 3.5
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 U	2800 U	11 U	11 U	11 U
1,1,2,2-TETRACHLOROETHANE		11 U	2800 U	11 U	11 U	11 U
1,1,2-TRICHLOROETHANE		11 U	2800 U	11 U	11 U	11 U
1,1-DICHLOROETHANE		11 U	2800 U	11 U	11 U	11 U
1,1-DICHLOROETHENE		11 U	2800 U	11 U	11 U	11 U
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE		11 U	2800 U	11 U	11 U	11 U
1,2-DICHLOROETHENE (TOTAL)		11 U	2800 U	11 U	11 U	11 U
1,2-DICHLOROPROPANE		11 U	2800 U	11 U	11 U	11 U
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE		11 U	2800 U	11 U	11 U	11 U
2-CHLOROETHYLVINYLETHER						
2-HEXANONE		11 U	2800 U	11 U	11 U	11 U
4-METHYL-2-PENTANONE		11 U	2800 U	11 U	11 U	11 U
ACETONE		67 UJ	2800 U	11 UJ	110 UJ	26 UJ
BENZENE		6 J	3300	11 U	11 UJ	11 U
BROMODICHLOROMETHANE		11 U	2800 U	11 U	11 U	11 U
BROMOFORM		11 U	2800 U	11 U	11 U	11 U
BROMOMETHANE		11 U	2800 UJ	11 U	11 U	11 U
CARBON DISULFIDE		11 U	2800 U	11 U	11 U	11 U
CARBON TETRACHLORIDE		11 U	2800 U	11 U	11 U	11 U
CHLOROBENZENE		11 U	2800 U	11 U	11 U	11 U
CHLOROETHANE		11 U	2800 U	11 U	11 U	11 U
CHLOROFORM		11 U	2800 U	11 U	11 U	11 U
CHLOROMETHANE		11 UJ	2800 U	11 U	11 U	11 U
CIS-1,2-DICHLOROETHENE						
CIS-1,3-DICHLOROPROPENE		11 U	2800 U	11 U	11 U	11 U
DIBROMOCHLOROMETHANE		11 U	2800 U	11 U	11 U	11 U
ETHYLBENZENE		12	28000	11 U	82 J	11 UJ
ETHYLENE DIBROMIDE	11 U	11 U	2800 U	6 U	5 U	6 U
HEXANE						
M,P-XYLENE						
METHYLENE CHLORIDE		11 U	2800 UJ	11 U	11 U	11 U
O-XYLENE						
STYRENE		11 U	2800 U	11 U	11 U	11 U
TETRACHLOROETHENE		11 U	2800 U	11 U	11 U	11 U
TOLUENE		20	40000	11 U	11 U	11 U
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE		11 U	2800 U	11 U	11 U	11 U
TRICHLOROETHENE		11 U	2800 U	11 U	11 U	11 U
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE		11 U	2800 U	11 U	11 U	11 U
XYLENE (TOTAL)		70	160000	11 U	26 UJ	18 UJ

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B07C-14	B07C-14	B07C-14	B07C-15	B07C-15	B07C-15
Sample Code	280-S7C-011	280-S7C-012	280-S7C-013	280-S7C-014	280-S7C-015	280-S7C-016
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	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
1,1,2,2-TETRACHLOROETHANE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
1,1,2-TRICHLOROETHANE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
1,1-DICHLOROETHANE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
1,1-DICHLOROETHENE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
1,2-DICHLOROETHENE (TOTAL)	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
1,2-DICHLOROPROPANE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
2-CHLOROETHYLVINYLETHER						
2-HEXANONE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
4-METHYL-2-PENTANONE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
ACETONE	120 UJ	150 UJ	170000 UJ	11 UJ	10 UJ	36 UJ
BENZENE	22 UJ	58 UJ	140000 UJ	11 U	10 U	13 UJ
BROMODICHLOROMETHANE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
BROMOFORM	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
BROMOMETHANE	22 UJ	58 UJ	140000 UJ	11 U	10 U	13 U
CARBON DISULFIDE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
CARBON TETRACHLORIDE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
CHLOROBENZENE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
CHLOROETHANE	22 UJ	58 UJ	140000 U	11 U	10 UJ	13 U
CHLOROFORM	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
CHLOROMETHANE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
CIS-1,2-DICHLOROETHENE						
CIS-1,3-DICHLOROPROPENE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
DIBROMOCHLOROMETHANE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
ETHYLBENZENE	120 J	77 J	570000	11 UJ	10 U	13 UJ
ETHYLENE DIBROMIDE	11 UJ	29 UJ	72000 U	5 U	5 U	6 U
HEXANE						
M,P-XYLENE						
METHYLENE CHLORIDE	22 UJ	58 UJ	140000 U	11 UJ	10 U	13 UJ
O-XYLENE						
STYRENE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
TETRACHLOROETHENE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
TOLUENE	57 UJ	160 UJ	840000	11 UJ	10 U	27 UJ
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
TRICHLOROETHENE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
TRICHLOROFLUOROMETHANE						
VINYL ACETATE						
VINYL CHLORIDE	22 UJ	58 UJ	140000 U	11 U	10 U	13 U
XYLENE (TOTAL)	840 J	610 J	2600000	27 UJ	10 UJ	13 UJ

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-6	B547-6	B547-6	B547-6	B547-6
Sample Code	B547-6 [4.5-5.0]	B547-6 [6.0-6.5]	B547-6 [9.0-9.5]	B547-6 [11.0-11.5]	B547-6 [14.0-14.5]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	4.5 - 5	6 - 6.5	9 - 9.5	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	5.8 U	6.1 U	5.8 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	5.8 U	6.1 U	5.8 U	6 U	6 U
1,1,2-TRICHLOROETHANE	5.8 U	6.1 U	5.8 U	6 U	6 U
1,1-DICHLOROETHANE	5.8 U	6.1 U	5.8 U	6 U	6 U
1,1-DICHLOROETHENE	5.8 U	6.1 U	5.8 U	6 U	6 U
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	5.8 U	6.1 U	5.8 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5.8 U	6.1 U	5.8 U	6 U	6 U
1,2-DICHLOROPROPANE	5.8 U	6.1 U	5.8 U	6 U	6 U
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	12 U	12 U	12 U	12 U	12 U
2-CHLOROETHYLVINYLETHER					
2-HEXANONE	12 U	12 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	5.8 U	6.1 U	5.8 U	6 U	6 U
ACETONE	21 UJ	27 UJ	12 U	12 U	12 U
BENZENE	5.8 U	6.1 U	5.8 U	6 U	6 U
BROMODICHLOROMETHANE	5.8 U	6.1 U	5.8 U	6 U	6 U
BROMOFORM	5.8 U	6.1 U	5.8 U	6 U	6 U
BROMOMETHANE	12 U	12 U	12 U	12 U	12 U
CARBON DISULFIDE	5.8 U	6.1 U	5.8 U	6 U	6 U
CARBON TETRACHLORIDE	5.8 U	6.1 U	5.8 U	6 U	6 U
CHLOROBENZENE	5.8 U	6.1 U	5.8 U	6 U	6 U
CHLOROETHANE	12 U	12 U	12 U	12 U	12 U
CHLOROFORM	5.8 U	6.1 U	5.8 U	6 U	6 U
CHLOROMETHANE	12 U	12 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	5.8 U	6.1 U	5.8 U	6 U	6 U
DIBROMOCHLOROMETHANE	5.8 U	6.1 U	5.8 U	6 U	6 U
ETHYLBENZENE	5.8 U	6.1 U	5.8 U	6 U	6 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	20 UJ	22 UJ	21 UJ	8 UJ	17 UJ
O-XYLENE					
STYRENE	5.8 U	6.1 U	5.8 U	6 U	6 U
TETRACHLOROETHENE	5.8 U	6.1 U	5.8 U	6 U	6 U
TOLUENE	7	6.1 U	18	18	6
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5.8 U	6.1 U	5.8 U	6 U	6 U
TRICHLOROETHENE	5.8 U	6.1 U	5.8 U	6 U	6 U
TRICHLOROFLUOROMETHANE					
VINYL ACETATE	12 U	12 U	12 U	12 U	12 U
VINYL CHLORIDE	12 U	12 U	12 U	12 U	12 U
XYLENE (TOTAL)	17	6.1 U	5.8 U	6 U	8

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-7	B547-7	B547-7	B547-7	B547-7
Sample Code	B547-7 [2.0-2.5]	B547-7 [5.0-5.5]	B547-7 [8.0-8.5]	B547-7 [11.0-11.5]	B547-7 [14.0-14.5]
Sampling Date	6/28/1990	6/28/1990	6/28/1990	6/28/1990	6/28/1990
Sampling Depth (feet bgs)	2 - 2.5	5 - 5.5	8 - 8.5	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
1,1,2,2-TETRACHLOROETHANE			6 U		6 U
1,1,2-TRICHLOROETHANE			6 U		6 U
1,1-DICHLOROETHANE	670 U	2700 U	6 U	30 U	6 U
1,1-DICHLOROETHENE			6 U		6 U
1,2-DICHLOROBENZENE			6 U		6 U
1,2-DICHLOROETHANE	670 U		6 U	30 U	6 U
1,2-DICHLOROETHENE (TOTAL)			6 U		6 U
1,2-DICHLOROPROPANE			6 U		6 U
1,3-DICHLOROBENZENE			6 U		6 U
1,4-DICHLOROBENZENE			6 U		6 U
2-BUTANONE			12 UJ		12 UJ
2-CHLOROETHYLVINYLETHER			12 U		12 U
2-HEXANONE			12 U		12 U
4-METHYL-2-PENTANONE			12 U		12 U
ACETONE			18 UJ		34 UJ
BENZENE			13		100
BROMODICHLOROMETHANE			6 U		6 U
BROMOFORM			6 U		6 U
BROMOMETHANE			12 U		12 U
CARBON DISULFIDE			6 U		6 U
CARBON TETRACHLORIDE			6 U		6 U
CHLOROBENZENE			6 U		6 U
CHLOROETHANE			12 U		12 U
CHLOROFORM			6 U		6 U
CHLOROMETHANE			12 U		12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE			6 U		6 U
DIBROMOCHLOROMETHANE			6 U		6 U
ETHYLBENZENE			3 J		32
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE			6 UJ		7 UJ
O-XYLENE					
STYRENE			6 U		6 U
TETRACHLOROETHENE			6 U		6 U
TOLUENE	1600 D		18	390 D	5 J
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE			6 U		6 U
TRICHLOROETHENE			6 U		6 U
TRICHLOROFLUOROMETHANE			6 U		6 U
VINYL ACETATE			12 U		12 U
VINYL CHLORIDE			12 U		12 U
XYLENE (TOTAL)			23		2 J

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-8	B547-8	B547-8	B547-8	B547-8
Sample Code	B547-8 [3.5-4.0]	B547-8 [5.0-5.5]	B547-8 [8.0-8.5]	B547-8 [11.0-11.5]	B547-8 [12.5-13.0]
Sampling Date	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	3.5 - 4	5 - 5.5	8 - 8.5	11 - 11.5	12.5 - 13
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	660 U	6600 U	30 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	660 U	6600 U	30 U	6 U	6 U
1,1,2-TRICHLOROETHANE	660 U	6600 U	30 U	6 U	6 U
1,1-DICHLOROETHANE	660 U	6600 U	30 U	6 U	6 U
1,1-DICHLOROETHENE	660 U	6600 U	30 U	6 U	6 U
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	660 U	6600 U	30 U	14	7
1,2-DICHLOROETHENE (TOTAL)	660 U	6600 U	30 U	6 U	6 U
1,2-DICHLOROPROPANE	660 U	6600 U	30 U	6 U	6 U
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	1300 U	13000 U	60 U	12 U	12 U
2-CHLOROETHYLVINYLETHER					
2-HEXANONE	1300 U	13000 U	60 U	12 U	12 U
4-METHYL-2-PENTANONE	660 U	6600 U	30 U	6 U	6 U
ACETONE	1300 U	13000 U	690	12 U	12 U
BENZENE	660 U	6600 U	430	6 U	6 U
BROMODICHLOROMETHANE	660 U	6600 U	30 U	6 U	6 U
BROMOFORM	660 U	6600 U	30 U	6 U	6 U
BROMOMETHANE	1300 U	13000 U	60 U	12 U	12 U
CARBON DISULFIDE	660 U	6600 U	30 U	6 U	6 U
CARBON TETRACHLORIDE	660 U	6600 U	30 U	6 U	6 U
CHLOROBENZENE	660 U	6600 U	30 U	6 U	6 U
CHLOROETHANE	1300 U	13000 U	60 U	12 U	12 U
CHLOROFORM	660 U	6600 U	30 U	6 U	6 U
CHLOROMETHANE	1300 U	13000 U	60 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	660 U	6600 U	30 U	6 U	6 U
DIBROMOCHLOROMETHANE	660 U	6600 U	30 U	6 U	6 U
ETHYLBENZENE	1000	6600 U	160	6 U	6 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	920 UJ	6600 U	84 UJ	23 UJ	14 UJ
O-XYLENE					
STYRENE	660 U	6600 U	30 U	6 U	6 U
TETRACHLOROETHENE	660 U	6600 U	30 U	6 U	6 U
TOLUENE	1500	39000	720	64	6 U
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	660 U	6600 U	30 U	6 U	6 U
TRICHLOROETHENE	660 U	6600 U	30 U	11	6 U
TRICHLOROFLUOROMETHANE					
VINYL ACETATE	1300 U	13000 U	60 U	12 U	12 U
VINYL CHLORIDE	1300 U	13000 U	60 U	12 U	12 U
XYLENE (TOTAL)	6800	33000	890	7	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-9	B547-9	B547-9	B547-9	B547-10
Sample Code	B547-9 [3.5-4.0]	B547-9 [5.0-5.5]	B547-9 [8.0-8.5]	B547-9 [14.0-14.5]	B547-10 [2.0-2.5]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	3.5 - 4	5 - 5.5	8 - 8.5	14 - 14.5	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	5.9 U	6.1 U	6 U	6.2 U	5.4 U
1,1,2,2-TETRACHLOROETHANE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
1,1,2-TRICHLOROETHANE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
1,1-DICHLOROETHANE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
1,1-DICHLOROETHENE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
1,2-DICHLOROETHENE (TOTAL)	5.9 U	12 U	6 U	6.2 U	5.4 U
1,2-DICHLOROPROPANE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	12 U	12 U	12 U	12 U	11 U
2-CHLOROETHYLVINYLETHER					
2-HEXANONE	12 U	12 U	12 U	12 U	11 U
4-METHYL-2-PENTANONE	5.9 U	6.1 U	6 U	6.2 U	
ACETONE	12 U	18 UJ	12 U	12 U	11 U
BENZENE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
BROMODICHLOROMETHANE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
BROMOFORM	5.9 U	6.1 U	6 U	6.2 U	5.4 U
BROMOMETHANE	12 U	12 U	12 U	12 U	11 U
CARBON DISULFIDE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
CARBON TETRACHLORIDE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
CHLOROBENZENE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
CHLOROETHANE	12 U	12 U	12 U	12 U	11 U
CHLOROFORM	5.9 U	6.1 U	6 U	6.2 U	5.4 U
CHLOROMETHANE	12 U	12 U	12 U	12 U	11 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
DIBROMOCHLOROMETHANE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
ETHYLBENZENE	42	6.1 U	6 U	6.2 U	5.4 U
ETHYLENE DIBROMIDE					
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	19 UJ	26 UJ	24 UJ	30 UJ	22 UJ
O-XYLENE					
STYRENE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
TETRACHLOROETHENE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
TOLUENE	26	14	47	21	38
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
TRICHLOROETHENE	5.9 U	6.1 U	6 U	6.2 U	5.4 U
TRICHLOROFLUOROMETHANE					
VINYL ACETATE	12 U	12 U	12 U	12 U	11 U
VINYL CHLORIDE	12 U	12 U	12 U	12 U	11 U
XYLENE (TOTAL)	240	6.1 U	6 U	6.2 U	5.4 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	B547-10	B547-10	B547-10	B547-10	M07C-08
Sample Code	B547-10 [5.0-5.5]	B547-10 [8.0-8.5]	B547-10 [11.0-11.5]	B547-10 [14.0-14.5]	280-S7C-024
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	8/18/1994
Sampling Depth (feet bgs)	5 - 5.5	8 - 8.5	11 - 11.5	14 - 14.5	.5 - 1.5
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	FO 1994
Analyte					
1,1,1-TRICHLOROETHANE	6.2 U	6.1 U	6.1 U	5.9 U	
1,1,2,2-TETRACHLOROETHANE	6.2 U	6.1 U	6.1 U	5.9 U	
1,1,2-TRICHLOROETHANE	6.2 U	6.1 U	6.1 U	5.9 U	
1,1-DICHLOROETHANE	6.2 U	6.1 U	6.1 U	5.9 U	
1,1-DICHLOROETHENE	6.2 U	6.1 U	6.1 U	5.9 U	
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	6.2 U	6.1 U	6.1 U	5.9 U	
1,2-DICHLOROETHENE (TOTAL)	6.2 U	6.1 U	6.1 U	5.9 U	
1,2-DICHLOROPROPANE	6.2 U	6.1 U	6.1 U	5.9 U	
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	12 U	12 U	12 U	12 U	
2-CHLOROETHYLVINYLETHER					
2-HEXANONE	12 U	12 U	12 U	12 U	
4-METHYL-2-PENTANONE		6.1 U	6.1 U	5.9 U	
ACETONE	52 UJ	13 UJ	12 U	12 U	
BENZENE	6.2 U	6.1 U	6.1 U	5.9 U	
BROMODICHLOROMETHANE	6.2 U	6.1 U	6.1 U	5.9 U	
BROMOFORM	6.2 U	6.1 U	6.1 U	5.9 U	
BROMOMETHANE	12 U	12 U	12 U	12 U	
CARBON DISULFIDE	6.2 U	6.1 U	6.1 U	5.9 U	
CARBON TETRACHLORIDE	6.2 U	6.1 U	6.1 U	5.9 U	
CHLOROBENZENE	6.2 U	6.1 U	6.1 U	5.9 U	
CHLOROETHANE	12 U	12 U	12 U	12 U	
CHLOROFORM	6.2 U	6.1 U	6.1 U	5.9 U	
CHLOROMETHANE	12 U	12 U	12 U	12 U	
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	6.2 U	6.1 U	6.1 U	5.9 U	
DIBROMOCHLOROMETHANE	6.2 U	6.1 U	6.1 U	5.9 U	
ETHYLBENZENE	6.2 U	6.1 U	6.1 U	5.9 U	
ETHYLENE DIBROMIDE					11 U
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	25 UJ	18 UJ	24 UJ	19 UJ	
O-XYLENE					
STYRENE	6.2 U	6.1 U	6.1 U	5.9 U	
TETRACHLOROETHENE	6.2 U	6.1 U	6.1 U	5.9 U	
TOLUENE	52	6.1 U	10	21	
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	6.2 U	6.1 U	6.1 U	5.9 U	
TRICHLOROETHENE	6.2 U	6.1 U	6.1 U	5.9 U	
TRICHLOROFLUOROMETHANE					
VINYL ACETATE	12 U	12 U	12 U	12 U	
VINYL CHLORIDE	12 U	12 U	12 U	12 U	
XYLENE (TOTAL)	6.2 U	6.1 U	6.1 U	5.9 U	

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	M07C-08	M07C-08	MW547-1	MW547-1	MW547-1
Sample Code	280-S7C-025	280-S7C-026	MW547-1 [2.0-2.5]	MW547-1 [4.5-5.0]	MW547-1 [8.0-8.5]
Sampling Date	8/18/1994	8/18/1994	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	2.5 - 3.5	5 - 5.5	2 - 2.5	4.5 - 5	8 - 8.5
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Investigation	FO 1994	FO 1994	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte					
1,1,1-TRICHLOROETHANE	12 U	12 U	5 U	6 U	6 U
1,1,2,2-TETRACHLOROETHANE	12 U	12 U	5 U	6 U	6 U
1,1,2-TRICHLOROETHANE	12 U	12 U	5 U	6 U	6 U
1,1-DICHLOROETHANE	12 U	12 U	5 U	6 U	6 U
1,1-DICHLOROETHENE	12 U	12 U	5 U	6 U	6 U
1,2-DICHLOROBENZENE			5 U	6 U	6 U
1,2-DICHLOROETHANE	12 U	12 U	5 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	12 U	12 U	5 U	6 U	6 U
1,2-DICHLOROPROPANE	12 U	12 U	5 U	6 U	6 U
1,3-DICHLOROBENZENE			5 U	6 U	6 U
1,4-DICHLOROBENZENE			5 U	6 U	6 U
2-BUTANONE	12 U	12 UJ	10 U	12 UJ	12 U
2-CHLOROETHYLVINYLETHER			10 U	12 U	12 U
2-HEXANONE	12 U	12 U	10 U	12 U	12 U
4-METHYL-2-PENTANONE	12 U	12 U	10 U	12 U	12 U
ACETONE	12 UJ	21 UJ	10 UJ	51 UJ	18 UJ
BENZENE	12 U	12 U	5 U	6 U	6 U
BROMODICHLOROMETHANE	12 U	12 U	5 U	6 U	6 U
BROMOFORM	12 U	12 U	5 U	6 U	6 U
BROMOMETHANE	12 U	12 U	10 U	12 U	12 U
CARBON DISULFIDE	12 U	12 U	5 U	6 U	6 U
CARBON TETRACHLORIDE	12 U	12 U	5 U	6 U	6 U
CHLOROBENZENE	12 U	12 U	5 U	6 U	6 U
CHLOROETHANE	12 U	12 U	10 U	12 U	12 U
CHLOROFORM	12 U	12 U	5 U	6 U	6 U
CHLOROMETHANE	12 U	12 U	10 U	12 U	12 U
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE	12 U	12 U	5 U	6 U	6 U
DIBROMOCHLOROMETHANE	12 U	12 U	5 U	6 U	6 U
ETHYLBENZENE	12 U	12 U	5 U	6 U	6 U
ETHYLENE DIBROMIDE	12 U	12 U			
HEXANE					
M,P-XYLENE					
METHYLENE CHLORIDE	21 UJ	22 UJ	7 UJ	10 UJ	9 UJ
O-XYLENE					
STYRENE	12 U	12 U	5 U	6 U	6 U
TETRACHLOROETHENE	12 U	12 U	5 U	6 U	6 U
TOLUENE	12 U	12 U	3 J	24	6 J
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE	12 U	12 U	5 U	6 U	6 U
TRICHLOROETHENE	12 U	12 U	5 U	6 U	6 U
TRICHLOROFLUOROMETHANE			5 U	6 U	6 U
VINYL ACETATE			10 U	12 U	12 U
VINYL CHLORIDE	12 U	12 U	10 U	12 U	12 U
XYLENE (TOTAL)	12 U	12 U	5 U	6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-1	MW547-1	MW547-2	MW547-2
Sample Code	MW547-1 [11.0-11.5]	MW547-1 [14.0-14.5]	MW547-2 [2.0-2.5]	MW547-2 [5.5-6.0]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	2 - 2.5	5.5 - 6
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	6 U		6 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U		6 U
1,1,2-TRICHLOROETHANE	6 U	6 U		6 U
1,1-DICHLOROETHANE	6 U	6 U	13 U	6 U
1,1-DICHLOROETHENE	6 U	6 U		6 U
1,2-DICHLOROBENZENE	6 U	6 U		6 U
1,2-DICHLOROETHANE	6 U	6 U	13 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U		6 U
1,2-DICHLOROPROPANE	6 U	6 U		6 U
1,3-DICHLOROBENZENE	6 U	6 U		6 U
1,4-DICHLOROBENZENE	6 U	6 U		6 U
2-BUTANONE	12 U	13 U		12 U
2-CHLOROETHYLVINYLETHER	12 U	13 U		12 U
2-HEXANONE	12 U	13 U		12 U
4-METHYL-2-PENTANONE	12 U	13 U		12 U
ACETONE	17 UJ	48 UJ		20 UJ
BENZENE	6 U	6 U		6 U
BROMODICHLOROMETHANE	6 U	6 U		6 U
BROMOFORM	6 U	6 U		6 U
BROMOMETHANE	12 U	13 U		12 U
CARBON DISULFIDE	6 U	6 U		6 U
CARBON TETRACHLORIDE	6 U	6 U		6 U
CHLOROBENZENE	6 U	6 U		6 U
CHLOROETHANE	12 U	13 U		12 U
CHLOROFORM	6 U	6 U		6 U
CHLOROMETHANE	12 U	13 U		12 U
CIS-1,2-DICHLOROETHENE				
CIS-1,3-DICHLOROPROPENE	6 U	6 U		6 U
DIBROMOCHLOROMETHANE	6 U	6 U		6 U
ETHYLBENZENE	6 U	6 U		6 U
ETHYLENE DIBROMIDE				
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	9 UJ	10 UJ		9 UJ
O-XYLENE				
STYRENE	6 U	6 U		6 U
TETRACHLOROETHENE	6 U	6 U		6 U
TOLUENE	11	11	260 D	16
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6 U	6 U		6 U
TRICHLOROETHENE	6 U	6 U		6 U
TRICHLOROFLUOROMETHANE	6 U	6 U		6 U
VINYL ACETATE	12 U	13 U		12 U
VINYL CHLORIDE	12 U	13 U		12 U
XYLENE (TOTAL)	6 U	6 U		6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-2	MW547-2	MW547-2	MW547-3
Sample Code	MW547-2 [9.5-10.0]	MW547-2 [12.5-13.0]	MW547-2 [14.0-14.5]	MW547-3 [3.5-4.0]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	7/2/1990
Sampling Depth (feet bgs)	9.5 - 10	12.5 - 13	14 - 14.5	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				
1,1,1-TRICHLOROETHANE	6 U	6 U	6 U	7200 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	6 U	7200 U
1,1,2-TRICHLOROETHANE	6 U	6 U	6 U	7200 U
1,1-DICHLOROETHANE	6 U	6 U	6 U	7200 U
1,1-DICHLOROETHENE	6 U	6 U	6 U	7200 U
1,2-DICHLOROBENZENE	6 U	6 U	6 U	
1,2-DICHLOROETHANE	6 U	6 U	6 U	7200 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	6 U	7200 U
1,2-DICHLOROPROPANE	6 U	6 U	6 U	7200 U
1,3-DICHLOROBENZENE	6 U	6 U	6 U	
1,4-DICHLOROBENZENE	6 U	6 U	6 U	
2-BUTANONE	12 U	12 U	12 U	14000 U
2-CHLOROETHYLVINYLETHER	12 U	12 U	12 U	
2-HEXANONE	12 U	12 U	12 U	14000 U
4-METHYL-2-PENTANONE	12 U	12 U	12 U	72000
ACETONE	11 UJ	12 U	20 UJ	14000 U
BENZENE	6 U	6 U	6 U	7200 U
BROMODICHLOROMETHANE	6 U	6 U	6 U	7200 U
BROMOFORM	6 U	6 U	6 U	7200 U
BROMOMETHANE	12 U	12 U	12 U	14000 U
CARBON DISULFIDE	6 U	6 U	6 U	7200 U
CARBON TETRACHLORIDE	6 U	6 U	6 U	7200 U
CHLOROBENZENE	6 U	6 U	6 U	7200 U
CHLOROETHANE	12 U	12 U	12 U	14000 U
CHLOROFORM	6 U	6 U	6 U	7200 U
CHLOROMETHANE	12 U	12 U	12 U	14000 U
CIS-1,2-DICHLOROETHENE				
CIS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	7200 U
DIBROMOCHLOROMETHANE	6 U	6 U	6 U	7200 U
ETHYLBENZENE	6 U	6 U	6 U	52000
ETHYLENE DIBROMIDE				
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	9 UJ	8 UJ	6 UJ	54000 UJ
O-XYLENE				
STYRENE	6 U	6 U	6 U	7200 U
TETRACHLOROETHENE	6 U	6 U	6 U	7200 U
TOLUENE	21	9	5 J	28000
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	7200 U
TRICHLOROETHENE	6 U	6 U	6 U	7200 U
TRICHLOROFLUOROMETHANE	6 U	6 U	6 U	
VINYL ACETATE	12 U	12 U	12 U	14000 U
VINYL CHLORIDE	12 U	12 U	12 U	14000 U
XYLENE (TOTAL)	6 U	6 U	6 U	22000

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-3	MW547-3	MW547-3	MW547-3
Sample Code	MW547-3 [5.0-5.5]	MW547-3 [8.0-8.5]	MW547-3 [10.5-11.0]	MW547-3 [14.0-14.5]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	5 - 5.5	8 - 8.5	10.5 - 11	14 - 14.5
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	6.2 U	5.9 U	6.1 U	6 U
1,1,2,2-TETRACHLOROETHANE	6.2 U	5.9 U	6.1 U	6 U
1,1,2-TRICHLOROETHANE	6.2 U	5.9 U	6.1 U	6 U
1,1-DICHLOROETHANE	6.2 U	5.9 U	6.1 U	6 U
1,1-DICHLOROETHENE	6.2 U	5.9 U	6.1 U	6 U
1,2-DICHLOROBENZENE				
1,2-DICHLOROETHANE	6.2 U	5.9 U	6.1 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6.2 U	5.9 U	6.1 U	6 U
1,2-DICHLOROPROPANE	6.2 U	5.9 U	6.1 U	6 U
1,3-DICHLOROBENZENE				
1,4-DICHLOROBENZENE				
2-BUTANONE	12 U	12 U	12 U	12 U
2-CHLOROETHYLVINYLETHER				
2-HEXANONE	12 U	12 U	12 U	12 U
4-METHYL-2-PENTANONE	6.2 U	5.9 U	6.1 U	6 U
ACETONE	19 UJ	41 UJ	12 U	12 U
BENZENE	87	82	6.1 U	6 U
BROMODICHLOROMETHANE	6.2 U	5.9 U	6.1 U	6 U
BROMOFORM	6.2 U	5.9 U	6.1 U	6 U
BROMOMETHANE	12 U	12 U	12 U	12 U
CARBON DISULFIDE	6.2 U	5.9 U	6.1 U	6 U
CARBON TETRACHLORIDE	6.2 U	5.9 U	6.1 U	6 U
CHLOROBENZENE	6.2 U	5.9 U	6.1 U	6 U
CHLOROETHANE	12 U	12 U	12 U	12 U
CHLOROFORM	6.2 U	5.9 U	6.1 U	6 U
CHLOROMETHANE	12 U	12 U	12 U	12 U
CIS-1,2-DICHLOROETHENE				
CIS-1,3-DICHLOROPROPENE	6.2 U	5.9 U	6.1 U	6 U
DIBROMOCHLOROMETHANE	6.2 U	5.9 U	6.1 U	6 U
ETHYLBENZENE	190	71	6.1 U	6 U
ETHYLENE DIBROMIDE				
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	24 UJ	31 UJ	59 UJ	26 UJ
O-XYLENE				
STYRENE	6.2 U	5.9 U	6.1 U	6 U
TETRACHLOROETHENE	6.2 U	5.9 U	6.1 U	6 U
TOLUENE	250	9	7	14
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6.2 U	5.9 U	6.1 U	6 U
TRICHLOROETHENE	6.2 U	5.9 U	6.1 U	6 U
TRICHLOROFLUOROMETHANE				
VINYL ACETATE	12 U	12 U	12 U	12 U
VINYL CHLORIDE	12 U	12 U	12 U	12 U
XYLENE (TOTAL)	620	34	6.1 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-4	MW547-4	MW547-4	MW547-4
Sample Code	MW547-4 [2.0-2.5]	MW547-4 [5.0-5.5]	MW547-4 [8.0-8.5]	MW547-4 [10.5-11.0]
Sampling Date	6/28/1990	6/28/1990	6/28/1990	6/28/1990
Sampling Depth (feet bgs)	2 - 2.5	5 - 5.5	8 - 8.5	10.5 - 11
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	5 U		6 U	6 U
1,1,2,2-TETRACHLOROETHANE	5 U		6 U	6 U
1,1,2-TRICHLOROETHANE	5 U		6 U	6 U
1,1-DICHLOROETHANE	5 U	10 U	6 U	6 U
1,1-DICHLOROETHENE	5 U		6 U	6 U
1,2-DICHLOROBENZENE	5 U		6 U	6 U
1,2-DICHLOROETHANE	5 U	10 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5 U		6 U	6 U
1,2-DICHLOROPROPANE	5 U		6 U	6 U
1,3-DICHLOROBENZENE	5 U		6 U	6 U
1,4-DICHLOROBENZENE	5 U		6 U	6 U
2-BUTANONE	10 U		12 U	13 U
2-CHLOROETHYLVINYLETHER	10 U		12 U	13 U
2-HEXANONE	10 U		12 U	13 U
4-METHYL-2-PENTANONE	10 U		12 U	13 U
ACETONE	10 UJ		12 UJ	13 UJ
BENZENE	5 U		6 U	6 U
BROMODICHLOROMETHANE	5 U		6 U	6 U
BROMOFORM	5 U		6 U	6 U
BROMOMETHANE	10 U		12 U	13 U
CARBON DISULFIDE	5 U		6 U	6 U
CARBON TETRACHLORIDE	5 U		6 U	6 U
CHLOROBENZENE	5 U		6 U	6 U
CHLOROETHANE	10 U		12 U	13 U
CHLOROFORM	5 U		6 U	6 U
CHLOROMETHANE	10 U		12 U	13 U
CIS-1,2-DICHLOROETHENE				
CIS-1,3-DICHLOROPROPENE	5 U		6 U	6 U
DIBROMOCHLOROMETHANE	5 U		6 U	6 U
ETHYLBENZENE	5 U		6 U	6 U
ETHYLENE DIBROMIDE				
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	5 UJ		6 UJ	6 UJ
O-XYLENE				
STYRENE	5 U		6 U	6 U
TETRACHLOROETHENE	5 U		6 U	6 U
TOLUENE	4 J	2 DJ	2 J	14
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	5 U		6 U	6 U
TRICHLOROETHENE	5 U		2 J	2 J
TRICHLOROFLUOROMETHANE	5 U		6 U	6 U
VINYL ACETATE	10 U		12 U	13 U
VINYL CHLORIDE	10 U		12 U	13 U
XYLENE (TOTAL)	5 U		6 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-4	MW547-5	MW547-5	MW547-5
Sample Code	MW547-4 [14.0-14.5]	MW547-5 [2.0-2.5]	MW547-5 [5.0-5.5]	MW547-5 [8.0-8.5]
Sampling Date	6/28/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	14 - 14.5	2 - 2.5	5 - 5.5	8 - 8.5
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		7 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U		7 U	6 U
1,1,2-TRICHLOROETHANE	6 U		7 U	6 U
1,1-DICHLOROETHANE	6 U	9 U	7 U	6 U
1,1-DICHLOROETHENE	6 U		7 U	6 U
1,2-DICHLOROBENZENE	6 U		7 U	6 U
1,2-DICHLOROETHANE	6 U	9 U	7 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U		7 U	6 U
1,2-DICHLOROPROPANE	6 U		7 U	6 U
1,3-DICHLOROBENZENE	6 U		7 U	6 U
1,4-DICHLOROBENZENE	6 U		7 U	6 U
2-BUTANONE	12 U		13 U	12 UJ
2-CHLOROETHYLVINYLETHER	12 U		13 U	12 U
2-HEXANONE	12 U		13 U	12 U
4-METHYL-2-PENTANONE	12 U		13 U	12 U
ACETONE	12 UJ		13 UJ	12 UJ
BENZENE	6 U		7 U	6 U
BROMODICHLOROMETHANE	6 U		7 U	6 U
BROMOFORM	6 U		7 U	6 U
BROMOMETHANE	12 U		13 U	12 U
CARBON DISULFIDE	6 U		7 U	6 U
CARBON TETRACHLORIDE	6 U		7 U	6 U
CHLOROBENZENE	6 U		7 U	6 U
CHLOROETHANE	12 U		13 U	12 U
CHLOROFORM	6 U		7 U	6 U
CHLOROMETHANE	12 U		13 U	12 U
CIS-1,2-DICHLOROETHENE				
CIS-1,3-DICHLOROPROPENE	6 U		7 U	6 U
DIBROMOCHLOROMETHANE	6 U		7 U	6 U
ETHYLBENZENE	6 U		7 U	6 U
ETHYLENE DIBROMIDE				
HEXANE				
M,P-XYLENE				
METHYLENE CHLORIDE	6 UJ		7 UJ	6 UJ
O-XYLENE				
STYRENE	6 U		7 U	6 U
TETRACHLOROETHENE	6 U		7 U	6 U
TOLUENE	3 J	140 D	19	10
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE	6 U		7 U	6 U
TRICHLOROETHENE	6 U		7 U	6 U
TRICHLOROFLUOROMETHANE	6 U		7 U	6 U
VINYL ACETATE	12 U		13 U	12 U
VINYL CHLORIDE	12 U		13 U	12 U
XYLENE (TOTAL)	6 U		7 U	6 U

Notes:

UG/KG Micrograms per kilogram

TABLE E-123: SITE 22 VOLATILE ORGANIC COMPOUNDS IN SOIL

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

Location	MW547-5	MW547-5
Sample Code	MW547-5 [11.0-11.5]	MW547-5 [14.0-14.5]
Sampling Date	6/29/1990	7/13/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5
Units	UG/KG	UG/KG
Investigation	PH 1&2A 1991	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-DICHLOROBENZENE	6 U	6 U
1,2-DICHLOROETHANE	6 U	
1,2-DICHLOROETHENE (TOTAL)	6 U	
1,2-DICHLOROPROPANE	6 U	
1,3-DICHLOROBENZENE	6 U	6 U
1,4-DICHLOROBENZENE	6 U	6 U
2-BUTANONE	12 U	
2-CHLOROETHYLVINYLETHER	12 U	
2-HEXANONE	12 U	
4-METHYL-2-PENTANONE	12 U	
ACETONE	12 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-1,3-DICHLOROPROPENE	6 U	
DIBROMOCHLOROMETHANE	6 U	
ETHYLBENZENE	6 U	
ETHYLENE DIBROMIDE		
HEXANE		
M,P-XYLENE		
METHYLENE CHLORIDE	6 UJ	
O-XYLENE		
STYRENE	6 U	
TETRACHLOROETHENE	6 U	
TOLUENE	10	
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-124: SITE 22 TOTAL METALS IN SOIL

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

Location	B07C-12	B07C-12	B07C-12	B07C-13	B07C-13	B07C-13	B07C-13	B07C-14	B07C-14
Sample Code	280-S7C-004	280-S7C-005	280-S7C-006	280-S7C-007	280-S7C-008	280-S7C-009	280-S7C-010	280-S7C-011	280-S7C-012
Sampling Date	8/17/1994	8/17/1994	8/17/1994	8/23/1994	8/23/1994	8/23/1994	8/23/1994	8/17/1994	8/17/1994
Sampling Depth (feet bgs)	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	1.5 - 2.5	2.5 - 3.5	5 - 6	.5 - 1.5	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	8760	9460	5010	6890	5010	4690	6090	4230	4140
ANTIMONY	0.5 UJ	0.5 UJ	0.52 UJ	3 UJ	0.82 UJ	0.88 UJ	0.57 UJ	0.74 UJ	1.2 UJ
ARSENIC	2 UJ	1.5 UJ	0.59 U	3.4	1.4 J	2.1	1.7 J	2.5	1.4 J
BARIUM	57.6	58	59.2	52.7	74.5	35.7 J	59.7	42.7 J	52.2
BERYLLIUM	0.7 J	0.95 J	0.7 J	1.8	1.1	0.52 J	0.87 J	0.74 J	0.9 J
CADMIUM	0.18 J	0.1 J	0.11 J	4.3	0.12 J	0.08 U	0.1 U	0.09 U	0.09 U
CALCIUM	2900	2740	1400	5400	3300	2820	2390	3810	3840
CHROMIUM	39.1 J	37.6 J	24.5 J	40 J	35.1 J	31.7 J	36.9 J	19.9 J	32.2 J
COBALT	6.1 UJ	7.9 UJ	5.1 UJ	6.9 J	4.9 J	5.4 J	7.1 J	5.3 J	4 J
COPPER	10	10.2	8.1	20.1	11.9	8.2	11.1	7.4	6.4
IRON	11700	12800	8130	13700	8420	8180	10300	7660	7150
LEAD	8.3	4.9	2.9 UJ	52.2 J	37.9 J	3.6 J	12 J	2.7 J	6.4 J
MAGNESIUM	2830	2870	1570	3510	2060	2340	2540	2140	2010
MANGANESE	148	166	151	312	147	103	168	105	89.2
MERCURY	0.17 U	0.46	0.17 U	0.17 U	0.16 U	0.16 U	0.19 U	0.16 U	0.18 U
MOLYBDENUM	3 U	3 U	3.2 U	3 U	3 U	2.8 U	3.5 U	3 U	3.3 U
NICKEL	32.4	36.4	17.1 UJ	29.9	25	23.6	27	24.3	20.3
POTASSIUM	961 J	1020 J	699 J	833 J	658 J	656 J	877 J	577 J	557 J
SELENIUM	0.58 U	0.58 U	0.61 U	0.58 U	0.73 J	0.54 U	1 J	0.58 U	0.63 U
SILVER	0.19 U	0.19 U	0.2 U	1.3 UJ	0.19 U	0.18 U	0.22 U	1.1 UJ	0.75 UJ
SODIUM	223 J	262 J	85.8 J	739 J	91 J	91 J	124 J	87.6 J	93.5 J
THALLIUM	0.43 U	0.43 U	0.45 U	0.43 U	0.43 U	0.4 U	0.49 U	0.43 U	0.47 U
TITANIUM									
VANADIUM	27.3	28	20.9	26.4	22.1	21.9	23.8	20.6	21.1
ZINC	32.4	26.6	17.2	110	54.9	18.7	27.1	20.6	16.6

Notes:

MG/KG Milligrams per kilogram

TABLE E-124: SITE 22 TOTAL METALS IN SOIL

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

Location	B07C-14	B07C-15	B07C-15	B07C-15	M07C-08	M07C-08	M07C-08	B547-10	B547-10
Sample Code	280-S7C-013	280-S7C-014	280-S7C-015	280-S7C-016	280-S7C-024	280-S7C-025	280-S7C-026	B547-10 [0.5-1.0]	B547-10 [11.5-12.0]
Sampling Date	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/18/1994	8/18/1994	8/18/1994	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 5.5	.5 - 1	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	PH 1&2A 1991	PH 1&2A 1991
Analyte									
ALUMINUM	4580	5660	4600	5700	9350	9250	5840	14000	16000
ANTIMONY	1.6 UJ	0.68 UJ	0.87 UJ	0.54 UJ	0.48 UJ	0.53 UJ	0.53 UJ	6.4 U	7.2 U
ARSENIC	1.5 J	8.8	2.4	1.6 J	2.7 UJ	1.9 UJ	1.6 UJ	18	23
BARIUM	24.5 J	95	42.8	82.9	80.3	140	50.7	140	77
BERYLLIUM	0.85 J	1.1	0.63 J	0.88 J	0.77 J	0.7 J	0.8 J	1.1 U	1.2 U
CADMIUM	0.09 U	0.23 J	0.08 U	0.09 U	0.31 J	0.48 J	0.13 J	1.1 U	1.2 U
CALCIUM	3800	2930	6960	2130	5990	5170	2180	4600	2800
CHROMIUM	29.2 J	30.2 J	35.5 J	29.3 J	48.1 J	34.6 J	28.3 J	38	56
COBALT	5.3 J	5.4 J	4.2 J	5.4 J	6.8 UJ	6.6 UJ	5.2 UJ	9.1	9.3
COPPER	5.9	16.4	5.7	8.3	21.7	27	7	41	14
IRON	7600	9290	7910	9030	13200	10100	8700	20500	19400
LEAD	5.8 J	61.6 J	2.1 J	6.8 J	23.6	67.8	2.5 UJ	19	7.4
MAGNESIUM	2160	1900	2070	1930	3440	2290	1660	4700	4500
MANGANESE	103	226	104	294	241	99.1	126	220	190
MERCURY	0.18 U	0.15 U	0.15 U	0.18 U	0.16 U	0.18 U	0.17 U		
MOLYBDENUM	3.2 U	2.8 U	2.8 U	3.3 U	3 U	3.3 U	3.2 U	5.4 U	6 U
NICKEL	20.6	23	22.7	21.1	39.4	21.8	18.7 UJ	47	70
POTASSIUM	628 J	679 J	530 J	934 J	1470	1180	852 J	2000	1400
SELENIUM	0.62 U	0.74 J	0.66 J	0.78 J	0.57 U	0.63 U	0.62 U	11 U	12 U
SILVER	2.8 UJ	0.3 UJ	0.18 U	0.21 U	0.19 U	0.21 U	0.21 U	5.4 U	6 U
SODIUM	107 J	74.6 J	100 J	279 J	154 J	601 J	107 J	540 U	600 U
THALLIUM	0.46 U	0.41 U	0.4 U	0.47 U	0.58 UJ	0.46 U	0.46 U	11 U	12 U
TITANIUM								500	696
VANADIUM	21.6	22.8	22.9	19.7	32	29.3	22.6	39	42
ZINC	15.8	62.5	17.6	24.8	45.3	126	18.4	84	33

Notes:

MG/KG Milligrams per kilogram

TABLE E-124: SITE 22 TOTAL METALS IN SOIL

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

Location	B547-10	B547-10	B547-10	B547-10	B547-6	B547-6	B547-6
Sample Code	B547-10 [14.5-15.0]	B547-10 [2.5-3.0]	B547-10 [5.5-6.0]	B547-10 [8.5-9.0]	B547-6 [11.5-12.0]	B547-6 [14.5-15.0]	B547-6 [2.0-2.5]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	14.5 - 15	2.5 - 3	5.5 - 6	8.5 - 9	11.5 - 12	14.5 - 15	2 - 2.5
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	12800	4980	7490	8190	15100	9250	6810
ANTIMONY	7.2 U	6.5 U	7.3 U	7.3 U	7.2 U	7.2 U	6.3 U
ARSENIC	21	11 U	12 U	12	16	17	10 U
BARIUM	70	49	120	63	87	66	46
BERYLLIUM	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1 U
CADMIUM	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1 U
CALCIUM	2500	2500	5200	3000	2200	2000	3800
CHROMIUM	52	25	30	35	62	41	27
COBALT	7.2	5.4 U	6.1 U	6.1 U	7.8	6.3	5.2 U
COPPER	16	8.3	28	10	11	9.6	23
IRON	17800	7840	10600	12100	16600	14000	10900
LEAD	6 U	5.4 U	41	6.1 U	6 U	6 U	5.2 U
MAGNESIUM	3400	1700	2400	2600	3700	2900	3500
MANGANESE	180	110	300	200	170	180	160
MERCURY							
MOLYBDENUM	6 U	5.4 U	6.1 U	6.1 U	6 U	6 U	5.2 U
NICKEL	53	23	27	35	57	43	24
POTASSIUM	1200	680	1300	1000	860	860	790
SELENIUM	12 U	11 U	12 U	12 U	12 U	12 U	10 U
SILVER	6 U	5.4 U	6.1 U	6.1 U	6 U	6 U	5.2 U
SODIUM	600 U	540 U	610 U	610 U	810	600 U	520 U
THALLIUM	12 U	11 U	12 U	12 U	12 U	12 U	10 U
TITANIUM	600	410	390	490	646	540	516
VANADIUM	34	18	22	21	33	29	29
ZINC	30	20	67	23	30	25	25

Notes:

MG/KG Milligrams per kilogram

TABLE E-124: SITE 22 TOTAL METALS IN SOIL

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

Location	B547-6	B547-6	B547-6	B547-7	B547-7	B547-7	B547-7
Sample Code	B547-6 [5.0-5.5]	B547-6 [6.5-7.0]	B547-6 [9.5-10.0]	B547-7 [0.5-1.0]	B547-7 [11.5-12.0]	B547-7 [14.5-15.0]	B547-7 [2.5-3.0]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	6/28/1990	6/28/1990	6/28/1990	6/28/1990
Sampling Depth (feet bgs)	5 - 5.5	6.5 - 7	9.5 - 10	.5 - 1	11.5 - 12	14.5 - 15	2.5 - 3
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	6470	5060	10500	7870	9170	8590	3970
ANTIMONY	7.1 U	7 U	7.1 U	2.1 U	2.4 U	2.4 U	2.1 U
ARSENIC	12 U	12 U	15	2.7	3	2.9 U	2.5 U
BARIUM	51	33	64	69.4	91	72.5	26.5
BERYLLIUM	1.2 U	1.2 U	1.2 U	0.3	0.3	0.3	0.2 U
CADMIUM	1.2 U	1.2 U	1.2 U	0.4	0.4	0.4	0.5
CALCIUM	1800	1700	2000	3100	2200	2310	574
CHROMIUM	30	29	38	34	37.1	41.1	28.1
COBALT	5.9 U	5.8 U	6.5	5.9	8.2	7.2	3.9
COPPER	6.9	6.1	11	22.2	16.9	11.4	14.6
IRON	8760	8370	14900	11800	14400	13600	6830
LEAD	5.9 U	5.8 U	5.9 U	15.3	60 U	6 U	8.3
MAGNESIUM	1700	1700	3000	2960	4030	3520	1920
MANGANESE	160	110	220	166	157	188	84.7
MERCURY							
MOLYBDENUM	5.9 U	5.8 U	5.9 U	1.1 U	1.2 U	1.2 U	1 U
NICKEL	21	21	46	29.3	54.7	49.6	22.4
POTASSIUM	820	650	1000	1370	693	1050	647
SELENIUM	12 U	12 U	12 U	4.5 U	5.1 U	5 U	4.3 U
SILVER	5.9 U	5.8 U	5.9 U	0.6 U	0.7 U	0.7 U	0.6 U
SODIUM	590 U	580 U	730	268	303	270	217
THALLIUM	12 U	12 U	12 U	2.8 U	3.1 U	3.1 U	2.7 U
TITANIUM	440	340	556	473	394	447	387
VANADIUM	21	20	30	23.1	26.8	24.1	16.9
ZINC	17	14	26	46.7	3880	33.9	22.3

Notes:

MG/KG Milligrams per kilogram

TABLE E-124: SITE 22 TOTAL METALS IN SOIL

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

Location	B547-7	B547-7	B547-7	B547-8	B547-8	B547-8	B547-8	B547-8
Sample Code	B547-7 [5.5-6.0]	B547-7 [8.5-9.0]	B547-7 [9.0-9.5]	B547-8 [1.0-1.5]	B547-8 [11.5-12.0]	B547-8 [13.0-13.5]	B547-8 [4.0-4.5]	B547-8 [5.5-6.0]
Sampling Date	6/28/1990	6/28/1990	6/28/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	5.5 - 6	8.5 - 9	9 - 9.5	1 - 1.5	11.5 - 12	13 - 13.5	4 - 4.5	5.5 - 6
Units	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	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	3280	11800	14800	5650	11100	10200	6220	8460
ANTIMONY	2.4 U	2.5 U	2.4 U	6.5 U	6.9 U	7.3 U	6.4 U	7.6 U
ARSENIC	2.8 U	3	3.5	11 U	12 U	12 U	11 U	13 U
BARIUM	27	68.8	82.2	56	63	72	29	48
BERYLLIUM	0.2 U	0.4	0.4	1.1 U	1.2 U	1.2 U	1.1 U	1.3 U
CADMIUM	0.3	0.5	0.4	1.1 U	1.2 U	1.2 U	1.1 U	1.3 U
CALCIUM	1920	1840	2300	3700	2100	2200	3200	3400
CHROMIUM	24.9	46.7	67.5	41	36	39	33	43
COBALT	4.1	10	9.1	5.4 U	6.7	7.4	5.4 U	6.9
COPPER	7.1	17.3	12.7	18	8.8	11	5.6	10
IRON	6330	17000	18200	9720	15000	16300	8790	13600
LEAD	8.5	8.1	7.9	25	5.8 U	6.1 U	5.4 U	6.3 U
MAGNESIUM	1880	3440	4180	2100	2900	3300	2300	3800
MANGANESE	73.8	181.1	136	150	160	240	100	130
MERCURY								
MOLYBDENUM	1.2 U	1.2 U	1.2 U	5.4 U	5.8 U	6.1 U	5.4 U	6.3 U
NICKEL	22.1	54.8	53.1	27	43	54	27	45
POTASSIUM	614	1320	1510	660	1400	1200	810	1400
SELENIUM	5 U	5.2 U	5 U	11 U	12 U	12 U	11 U	13 U
SILVER	0.7 U	0.7 U	0.7	5.4 U	5.8 U	6.1 U	5.4 U	6.3 U
SODIUM	135	174	211	540 U	820	850	540 U	630 U
THALLIUM	3.1 U	3.2 U	3.1 U	11 U	12 U	12 U	11 U	13 U
TITANIUM	310	403	624	440	529	550	590	660
VANADIUM	15.4	34.5	33.8	23	29	30	24	29
ZINC	19.9	32.5	37	49	25	34	18	30

Notes:

MG/KG Milligrams per kilogram

TABLE E-124: SITE 22 TOTAL METALS IN SOIL

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

Location	B547-8	B547-9	B547-9	B547-9	B547-9	B547-9	B547-9
Sample Code	B547-8 [8.5-9.0]	B547-9 [1.0-1.5]	B547-9 [11.5-12.0]	B547-9 [14.5-15.0]	B547-9 [4.0-4.5]	B547-9 [5.5-6.0]	B547-9 [8.5-9.0]
Sampling Date	7/3/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	8.5 - 9	1 - 1.5	11.5 - 12	14.5 - 15	4 - 4.5	5.5 - 6	8.5 - 9
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	6270	3700	15000	8200	6920	6830	15100
ANTIMONY	7.2 U	6.1 U	7.2 U	7.2 U	7.1 U	7.1 U	7.7 U
ARSENIC	12 U	11 U	17	16	12 U	12 U	17
BARIUM	43	48	91	60	65	46	110
BERYLLIUM	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U
CADMIUM	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U
CALCIUM	1700	2500	2200	2300	2100	1700	2600
CHROMIUM	29	21	55	37	30	28	52
COBALT	6 U	5.3 U	6 U	6 U	5.9 U	5.9 U	6.8
COPPER	7.5	14	11	13	8.9	12	13
IRON	9050	7630	16900	12700	9130	9570	19600
LEAD	6 U	9.8	6.7	6 U	5.9 U	5.9 U	7.4
MAGNESIUM	2000	1800	3800	2800	1600	1700	4100
MANGANESE	130	140	130	160	99	220	150
MERCURY							
MOLYBDENUM	6 U	5.3 U	6 U	6 U	5.9 U	5.9 U	6.4 U
NICKEL	25	22	61	40	23	22	62
POTASSIUM	890	530 U	900	820	970	800	800
SELENIUM	12 U	11 U	12 U	12 U	12 U	12 U	13 U
SILVER	6 U	5.3 U	6 U	6 U	5.9 U	5.9 U	6.4 U
SODIUM	600 U	530 U	600 U	600 U	590 U	590 U	880
THALLIUM	12 U	11 U	12 U	12 U	12 U	12 U	13 U
TITANIUM	400	300	628	530	450	430	600
VANADIUM	20	16	31	26	23	24	37
ZINC	17	29	29	25	20	20	34

Notes:

MG/KG Milligrams per kilogram

TABLE E-124: SITE 22 TOTAL METALS IN SOIL

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

Location	MW547-1	MW547-1	MW547-1	MW547-1	MW547-1	MW547-1	MW547-2
Sample Code	MW547-1 [0.5-1.0]	MW547-1 [11.5-12.0]	MW547-1 [14.5-15.0]	MW547-1 [2.5-3.0]	MW547-1 [5.0-5.5]	MW547-1 [8.5-9.0]	MW547-2 [0.5-1.0]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	.5 - 1	11.5 - 12	14.5 - 15	2.5 - 3	5 - 5.5	8.5 - 9	.5 - 1
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	26800	7530	8030	3960	5160	15800	4280
ANTIMONY	2.1 U	2.4 U	2.3 U	2.1 U	2.3 U	2.4 U	2.1 U
ARSENIC	2.5 U	3	2.8 U	2.5 U	2.8 U	3.5	2.5 U
BARIUM	47.3	77.1	58.3	0.3	57.3	107	49
BERYLLIUM	0.3	0.3	0.3	0.2 U	0.2 U	0.5	0.2 U
CADMIUM	0.6	0.3	0.4	0.2 U	0.2 U	0.4	0.2 U
CALCIUM	15500	1880	2180	3480	1360	2490	2120
CHROMIUM	11.4	34.4	43.9	25.6	28.6	71.8	29.1
COBALT	10.4	7.3	6.1	3.7	4.7	9.1	4.1
COPPER	86.2	12.6	14.7	5.8	7.1	40.8	22
IRON	21400	12300	12400	6410	8310	19400	760
LEAD	13.1	6.1	5.7 U	5.3 U	5.8 U	6.5	7.4
MAGNESIUM	6800	3320	3070	1870	1510	3860	1910
MANGANESE	352	186	150	84.2	148	177	156
MERCURY							
MOLYBDENUM	1.1 U	1.2 U	1.1 U	1 U	1.2 U	1.2 U	1 U
NICKEL	11.6	45.9	40.6	21.1	18.6	60	23.2
POTASSIUM	1090	629	808	497	736	1120	651
SELENIUM	4.4 U	5 U	4.8 U	4.4 U	4.8 U	5 U	4.3 U
SILVER	0.6 U	0.7 U	0.7 U	0.6 U	0.7 U	0.7 U	0.6 U
SODIUM	1810	543	136	139	348	1220	147
THALLIUM	2.8 U	3.1 U	3 U	2.7 U	3 U	3.1 U	2.7 U
TITANIUM	466	276	473	368	335	567	308
VANADIUM	62.3	20	24.6	15.9	19.1	35.1	17.5
ZINC	60.2	29.3	36.9	18.1	19.2	56.9	27.5

Notes:

MG/KG Milligrams per kilogram

TABLE E-124: SITE 22 TOTAL METALS IN SOIL

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

Location	MW547-2	MW547-2	MW547-2	MW547-2	MW547-2	MW547-2
Sample Code	MW547-2 [10.0-10.5]	MW547-2 [13.0-13.5]	MW547-2 [14.5-15.0]	MW547-2 [2.5-3.0]	MW547-2 [6.0-6.5]	MW547-2 [6.5-7.0]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	10 - 10.5	13 - 13.5	14.5 - 15	2.5 - 3	6 - 6.5	6.5 - 7
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	10800	8120	5610	5160	6330	15000
ANTIMONY	2.4 U	2.3 U	2.4 U	2.3 U	2.3 U	2.4 U
ARSENIC	3.2	5.3	2.8 U	2.7 U	2.7 U	2.9
BARIUM	90.4	66.6	58.7	106	37.7	68.9
BERYLLIUM	0.4	0.3	0.3	0.2 U	0.3	0.2 U
CADMIUM	0.6	0.2 U	0.3	0.4	0.2	0.5
CALCIUM	1750	1890	1460	2930	1860	1780
CHROMIUM	54.7	38.4	34.6	26.6	41.6	56.1
COBALT	6	6.6	6.5	4.8	7.1	8.2
COPPER	29.2	10.2	9.2	21	8.9	18.6
IRON	17100	13800	11000	8900	9880	19500
LEAD	5.9 U	5.8 U	5.9 U	27.3	5.7 U	8.7
MAGNESIUM	42400	3180	2880	1800	2290	3850
MANGANESE	145	158	156	268	137	173
MERCURY						
MOLYBDENUM	1.2 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U
NICKEL	54.4	45.9	40.4	19.7	27.4	54.2
POTASSIUM	607	743	538	829	895	1460
SELENIUM	5.7	4.9 U	4.9 U	4.8 U	4.8 U	5 U
SILVER	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
SODIUM	830	415	278	240	241	919
THALLIUM	3.1 U	3 U	3.1 U	2.9 U	3 U	3.1 U
TITANIUM	407	415	273	280	377	704
VANADIUM	32.8	26	20.2	18.3	22.4	37.7
ZINC	39.3	29.8	27	61.4	20.9	41.4

Notes:

MG/KG Milligrams per kilogram

TABLE E-124: SITE 22 TOTAL METALS IN SOIL

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

Location	MW547-3	MW547-3	MW547-3	MW547-3	MW547-3	MW547-4	MW547-4
Sample Code	MW547-3 [1.0-1.5]	MW547-3 [14.5-15.0]	MW547-3 [4.0-4.5]	MW547-3 [5.5-6.0]	MW547-3 [8.5-9.0]	MW547-4 [0.5-1.0]	MW547-4 [11.0-11.5]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	6/28/1990	6/28/1990
Sampling Depth (feet bgs)	1 - 1.5	14.5 - 15	4 - 4.5	5.5 - 6	8.5 - 9	.5 - 1	11 - 11.5
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	7500	10100	3430	14000	4330	4520	8440
ANTIMONY	6.7 U	7.3 U	6.5 U	10 U	7.1 U	2.1 U	2.4 U
ARSENIC	11 U	12 U	11 U	24	14	2.5 U	3.1
BARIUM	120	83	24	110	200	58.4	63.5
BERYLLIUM	1.1 U	1.2 U	1.1 U	1.7 U	1.2 U	0.2 U	0.4
CADMIUM	1.1 U	1.2 U	1.1 U	1.7 U	1.2 U	0.2 U	0.3
CALCIUM	2600	1700	1600	3400	1600	3500	15.3
CHROMIUM	28	46	24	67	28	27.9	36.2
COBALT	9.2	6.1 U	5.4 U	17	9.8	4.3	5.7
COPPER	39	13	7.5	40	13	16.3	10
IRON	14100	8660	6550	29600	20800	7100	13600
LEAD	48	6.1 U	7	30	5.8 U	5.2 U	5.9 U
MAGNESIUM	3100	2600	1900	7100	1800	2050	3000
MANGANESE	230	100	90	440	734	93.4	120
MERCURY							
MOLYBDENUM	5.6 U	6.1 U	5.4 U	8.4 U	5.8 U	1 U	1.2 U
NICKEL	31	40	24	89	32	21.5	46.4
POTASSIUM	1400	610 U	540 U	2300	750	601	774
SELENIUM	11 U	12 U	11 U	17 U	12 U	4.3 U	5 U
SILVER	5.6 U	6.1 U	5.4 U	8.4 U	5.8 U	0.6 U	0.7 U
SODIUM	560 U	840	540 U	1400	580 U	182	1080
THALLIUM	11 U	12 U	11 U	17 U	12 U	2.7 U	3.1 U
TITANIUM	350	320	330	590	260	372	325
VANADIUM	25	17	15	57	43	17.3	23.1
ZINC	78	27	18	84	21	25.8	29.5

Notes:

MG/KG Milligrams per kilogram

TABLE E-124: SITE 22 TOTAL METALS IN SOIL

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

Location	MW547-4	MW547-4	MW547-4	MW547-4	MW547-5	MW547-5
Sample Code	MW547-4 [14.5-15.0]	MW547-4 [5.5-6.0]	MW547-4 [8.5-9.0]	MW547-4 [2.5-3.0]	MW547-5 [0.5-1.0]	MW547-5 [11.5-12.0]
Sampling Date	6/28/1990	6/28/1990	6/28/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	14.5 - 15	5.5 - 6	8.5 - 9	2.5 - 3	.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	8670	4500	11000	3120	6310	10400
ANTIMONY	2.5 U	2.5 U	2.4 U	2.1 U	2.1 U	2.4 U
ARSENIC	4.1	3 U	4.1	2.6 U	4.9	3.6
BARIUM	64.7	66.7	56.1	25.2	81	66.2
BERYLLIUM	0.3	0.3 U	0.3	0.2 U	0.2	0.4
CADMIUM	0.3	0.4	0.6	0.3	1	0.3
CALCIUM	2230	1790	1740	1840	3350	1810
CHROMIUM	41.9	27.2	51.7	26.9	50.8	42.8
COBALT	6.9	4.6	8.1	4.1	6.6	6.8
COPPER	9.9	8.2	10.1	6.2	33.8	15.3
IRON	13200	8260	14900	5830	9640	14800
LEAD	6.1 U	8.1	5.9 U	5.3 U	9890	6 U
MAGNESIUM	3060	1650	3630	1680	2220	3530
MANGANESE	168	185	188	72.4	210	155
MERCURY						
MOLYBDENUM	1.2 U	1.3 U	1.2 U	1.1 U	1 U	1.2 U
NICKEL	44.1	21.7	50.8	20.2	32.6	53
POTASSIUM	850	801	924	521	1250	892
SELENIUM	5.2 U	5.3 U	5 U	4.5 U	4.4 U	5 U
SILVER	0.7 U	0.8 U	0.7 U	0.6 U	1.2	0.7 U
SODIUM	821	241	950	112	209	831
THALLIUM	3.2 U	3.3 U	3.1 U	2.8 U	2.7 U	3.1 U
TITANIUM	477	258	304	264	346	395
VANADIUM	24.6	16.3	28.6	13.9	21.2	26.4
ZINC	30.5	30.1	30.9	18	151	36.4

Notes:

MG/KG Milligrams per kilogram

TABLE E-124: SITE 22 TOTAL METALS IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
(Page 11 of 11)

Location	MW547-5	MW547-5	MW547-5	MW547-5	MW547-5
Sample Code	MW547-5 [12.0-12.5]	MW547-5 [14.5-15.0]	MW547-5 [2.5-3.0]	MW547-5 [5.5-6.0]	MW547-5 [8.5-9.0]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	12 - 12.5	14.5 - 15	2.5 - 3	5.5 - 6	8.5 - 9
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					
ALUMINUM	15000	9550	3900	8360	4080
ANTIMONY	2.4 U	2.4 U	2.1 U	2.4 U	2.4 U
ARSENIC	3.8	3	2.9	5.6	2.9 U
BARIUM	83.7	64.8	33.7	58.7	58.7
BERYLLIUM	0.4	0.3	0.2 U	0.4	0.2 U
CADMIUM	0.5	0.4	0.2 U	0.5	0.2 U
CALCIUM	2480	2000	2110	3440	1660
CHROMIUM	58.5	42.9	26.9	56.9	22.9
COBALT	7.8	6.2	3.6	7.3	4.4
COPPER	17.1	24.1	9.5	14.7	7.7
IRON	18800	14300	6930	14100	7750
LEAD	8.3	6.7	5.2 U	15.8	6 U
MAGNESIUM	4420	3350	1900	3690	1770
MANGANESE	197	142	95.2	158	152
MERCURY					
MOLYBDENUM	1.2 U	1.2 U	1 U	1.2 U	1.2 U
NICKEL	64.9	50.9	22.3	44.3	20.1
POTASSIUM	1090	856	622	1360	533
SELENIUM	5 U	5 U	4.4 U	5.1 U	5 U
SILVER	0.7 U	0.7 U	0.6 U	0.7 U	0.7 U
SODIUM	1110	855	142	296	269
THALLIUM	3.1 U	3.1 U	2.7 U	3.2 U	3.1 U
TITANIUM	580	413	330	616	183
VANADIUM	32.3	26.3	16.4	29.6	14.5
ZINC	43	35.5	27.7	47.3	22.5

Notes:
MG/KG Milligrams per kilogram

TABLE E-125: SITE 22 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

(Page 1 of 2)

Location	M07C-08	M07C-08	M07C-08	B07C-12	B07C-12	B07C-12	B07C-13	B07C-13	B07C-13
Sample Code	280-S7C-024	280-S7C-025	280-S7C-026	280-S7C-004	280-S7C-005	280-S7C-006	280-S7C-007	280-S7C-008	280-S7C-009
Sampling Date	8/18/1994	8/18/1994	8/18/1994	8/17/1994	8/17/1994	8/17/1994	8/23/1994	8/23/1994	8/23/1994
Sampling Depth (feet bgs)	.5 - 1.5	2.5 - 3.5	5 - 5.5	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	1.5 - 2.5	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									
DIESEL RANGE ORGANICS	10 U	12 U	12 U	11 U	11 U	12 U	11 UJ	11 UJ	10 UJ
GASOLINE RANGE ORGANICS	0.53 U	0.59 U	0.58 U	0.55 U	1.3	10200	0.55 U	26	1.2 J
JET FUEL									
JP5 RANGE ORGANICS	10 U	12 U	12 U	11 U	11 U	220	11 U	11 U	10 U
MOTOR OIL RANGE ORGANICS	38 J	120 J	29 U	27 U	28 U	29 U	60 J	76 J	36 J

Notes:

MG/KG Milligrams per kilogram

TABLE E-125: SITE 22 TOTAL PETROLEUM HYDROCARBONS IN SOIL

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

(Page 2 of 2)

Location	B07C-13	B07C-14	B07C-14	B07C-14	B07C-15	B07C-15	B07C-15
Sample Code	280-S7C-010	280-S7C-011	280-S7C-012	280-S7C-013	280-S7C-014	280-S7C-015	280-S7C-016
Sampling Date	8/23/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/17/1994
Sampling Depth (feet bgs)	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6
Units	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
Analyte							
DIESEL RANGE ORGANICS	12 UJ	11 U	12 U	120 UJ	10 U	10 U	12 U
GASOLINE RANGE ORGANICS	11700	12 J	1.8 J	66900 J	1.3	0.51 U	0.6 U
JET FUEL							
JP5 RANGE ORGANICS	540 J	11 U	12 U	4590 J	10 U	10 U	12 U
MOTOR OIL RANGE ORGANICS	31 UJ	27 UJ	29 UJ	294 UJ	38 J	25 UJ	95 J

Notes:

MG/KG Milligrams per kilogram

TABLE E-126: SITE 22 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

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

(Page 1 of 3)

Location	B547-6	B547-6	B547-6	B547-6	B547-6	B547-6
Sample Code	B547-6 [11.5-12.0]	B547-6 [14.5-15.0]	B547-6 [2.5-3.0]	B547-6 [3.5-4.0]	B547-6 [5.0-5.5]	B547-6 [6.5-7.0]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	11.5 - 12	14.5 - 15	2.5 - 3	3.5 - 4	5 - 5.5	6.5 - 7
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	1.9 U	98.6	172	1.9 U	1.9 U

Location	B547-6	B547-7	B547-7	B547-7	B547-7	B547-7
Sample Code	B547-6 [9.5-10.0]	B547-7 [0.5-1.0]	12.0]	15.0]	B547-7 [2.5-3.0]	B547-7 [5.5-6.0]
Sampling Date	7/2/1990	6/28/1990	6/28/1990	6/28/1990	6/28/1990	6/28/1990
Sampling Depth (feet bgs)	9.5 - 10	.5 - 1	11.5 - 12	14.5 - 15	2.5 - 3	5.5 - 6
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	4.8	1.9 U	2 U	31.2	10800

Location	B547-7	B547-7	B547-8	B547-8	B547-8	B547-8
Sample Code	B547-7 [8.5-9.0]	B547-7 [9.0-9.5]	12.0]	13.5]	B547-8 [2.0-2.5]	B547-8 [4.0-4.5]
Sampling Date	6/28/1990	6/28/1990	7/3/1990	7/3/1990	7/3/1990	7/3/1990
Sampling Depth (feet bgs)	8.5 - 9	9 - 9.5	11.5 - 12	13 - 13.5	2 - 2.5	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						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.9 U	1.9 U	1.9 U	1.9 U	1.7 U	199

Location	B547-8	B547-8	B547-9	B547-9	B547-9	B547-9
Sample Code	B547-8 [5.5-6.0]	B547-8 [8.5-9.0]	12.0]	15.0]	B547-9 [2.5-3.0]	B547-9 [4.0-4.5]
Sampling Date	7/3/1990	7/3/1990	7/2/1990	7/2/1990	7/3/1990	7/2/1990
Sampling Depth (feet bgs)	5.5 - 6	8.5 - 9	11.5 - 12	14.5 - 15	2.5 - 3	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						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	429	2 U	2 U	1.9 U	255	1.9 U

Notes:

MG/KG Milligrams per kilogram

TABLE E-126: SITE 22 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

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

Location	B547-9	B547-9	B547-10	B547-10	B547-10	B547-10
Sample Code	B547-9 [5.5-6.0]	B547-9 [8.5-9.0]	B547-10 [1.0-1.5]	B547-10 [11.5-12.0]	B547-10 [14.5-15.0]	B547-10 [2.5-3.0]
Sampling Date	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	5.5 - 6	8.5 - 9	1 - 1.5	11.5 - 12	14.5 - 15	2.5 - 3
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	2 U	4.7	2 U	1.9 U	2.8

Location	B547-10	B547-10	MW547-1	MW547-1	MW547-1	MW547-1
Sample Code	B547-10 [5.5-6.0]	B547-10 [8.5-9.0]	MW547-1 [0.5-1.0]	MW547-1 [11.5-12.0]	MW547-1 [14.5-15.0]	MW547-1 [2.5-3.0]
Sampling Date	7/2/1990	7/2/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	5.5 - 6	8.5 - 9	.5 - 1	11.5 - 12	14.5 - 15	2.5 - 3
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	24.4	2 U	308	1.9 U	2 U	1.8 U

Location	MW547-1	MW547-1	MW547-2	MW547-2	MW547-2	MW547-2
Sample Code	5.5]	9.0]	MW547-2 [0.5-1.0]	MW547-2 [10.0-10.5]	MW547-2 [13.0-13.5]	15.0]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	5 - 5.5	8.5 - 9	.5 - 1	10 - 10.5	13 - 13.5	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						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	1.9 U	1.9 U	30.4	2 U	1.9 U	1.9 U

Location	MW547-2	MW547-2	MW547-2	MW547-3	MW547-3	MW547-3
Sample Code	3.0]	6.5]	MW547-2 [6.5-7.0]	MW547-3 [11.0-11.5]	MW547-3 [11.5-12.0]	15.0]
Sampling Date	6/29/1990	6/29/1990	6/29/1990	7/13/1990	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	2.5 - 3	6 - 6.5	6.5 - 7	11 - 11.5	11.5 - 12	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						
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	4	1.9 U	1.9 U	2 U	2 U	2 U

Notes:

MG/KG Milligrams per kilogram

TABLE E-126: SITE 22 TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN SOIL

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

Location	MW547-3	MW547-3	MW547-3	MW547-3	MW547-4
Sample Code	MW547-3 [2.0-2.5]	MW547-3 [4.0-4.5]	MW547-3 [5.5-6.0]	MW547-3 [8.5-9.0]	MW547-4 [0.5-1.0]
Sampling Date	7/13/1990	7/2/1990	7/2/1990	7/2/1990	6/28/1990
Sampling Depth (feet bgs)	2 - 2.5	4 - 4.5	5.5 - 6	8.5 - 9	.5 - 1
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	4.7	45.3	119	1.9 U	1.7 U

Location	MW547-4	MW547-4	MW547-4	MW547-4	MW547-4
Sample Code	11.5]	14.5]	15.0]	MW547-4 [2.5-3.0]	MW547-4 [5.5-6.0]
Sampling Date	6/28/1990	6/28/1990	6/28/1990	6/29/1990	6/28/1990
Sampling Depth (feet bgs)	11 - 11.5	14 - 14.5	14.5 - 15	2.5 - 3	5.5 - 6
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	2 U	2 U	1.7 U	1.9 U

Location	MW547-4	MW547-5	MW547-5	MW547-5	MW547-5
Sample Code	MW547-4 [8.5-9.0]	MW547-5 [0.5-1.0]	12.0]	12.5]	15.0]
Sampling Date	6/28/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	8.5 - 9	.5 - 1	11.5 - 12	12 - 12.5	14.5 - 15
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	35.8	2 U	2 U	2 U

Location	MW547-5	MW547-5	MW547-5
Sample Code	MW547-5 [2.5-3.0]	MW547-5 [5.5-6.0]	MW547-5 [8.5-9.0]
Sampling Date	6/29/1990	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	2.5 - 3	5.5 - 6	8.5 - 9
Units	MG/KG	MG/KG	MG/KG
Investigation	PH 1&2A 1991	PH 1&2A 1991	PH 1&2A 1991
Analyte			
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	3.8	99.7	6.5

Notes:

MG/KG Milligrams per kilogram

TABLE E-127: SITE 22 GENERAL CHEMISTRY IN SOIL

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

Location	B07C-12	B07C-12	B07C-12	B07C-13	B07C-13	B07C-13	B07C-13	B07C-14	B07C-14
Sample Code	280-S7C-004	280-S7C-005	280-S7C-006	280-S7C-007	280-S7C-008	280-S7C-009	280-S7C-010	280-S7C-011	280-S7C-012
Sampling Date	8/17/1994	8/17/1994	8/17/1994	8/23/1994	8/23/1994	8/23/1994	8/23/1994	8/17/1994	8/17/1994
Sampling Depth (feet bgs)	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	1.5 - 2.5	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5
Units	UNITS	UNITS	UNITS						
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994
Analyte									
CHLORIDE									
NITRATE									
PH, UNITS	8.8	8.7	7.2	7.8 J	7.7 J	8.4 J	7.8 J	8.1 J	8.2 J
PHOSPHORUS									
SULFATE									
TOTAL ORGANIC CARBON									

Location	B07C-14	B07C-15	B07C-15	B07C-15	M07C-08	M07C-08	M07C-08	B547-10	B547-10
Sample Code	280-S7C-013	280-S7C-014	280-S7C-015	280-S7C-016	280-S7C-024	280-S7C-025	280-S7C-026	B547-10 [1.0-1.5]	B547-10 [2.5-3.0]
Sampling Date	8/17/1994	8/17/1994	8/17/1994	8/17/1994	8/18/1994	8/18/1994	8/18/1994	7/2/1990	7/2/1990
Sampling Depth (feet bgs)	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 6	.5 - 1.5	2.5 - 3.5	5 - 5.5	1 - 1.5	2.5 - 3
Units					UNITS	UNITS	UNITS	MG/KG	UNITS
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	PH 1&2A 1991	PH 1&2A 1991
Analyte									
CHLORIDE								17.4	
NITRATE								0.24	
PH, UNITS	8.4 J	6.6 J	8.8 J	8 J	7	7	7		8
PHOSPHORUS								666	
SULFATE								53.7	
TOTAL ORGANIC CARBON								5270	

Notes:

MG/KG Miligrams per kilogram

TABLE E-127: SITE 22 GENERAL CHEMISTRY IN SOIL

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

Location	B547-6	B547-6	B547-7	B547-7	B547-8	B547-8	B547-9
Sample Code	B547-6 [2.5-3.0]	B547-6 [3.5-4.0]	B547-7 [1.0-1.5]	B547-7 [2.5-3.0]	B547-8 [2.0-2.5]	B547-8 [4.0-4.5]	B547-9 [4.0-4.5]
Sampling Date	7/2/1990	7/2/1990	6/28/1990	6/28/1990	7/3/1990	7/3/1990	7/2/1990
Sampling Depth (feet bgs)	2.5 - 3	3.5 - 4	1 - 1.5	2.5 - 3	2 - 2.5	4 - 4.5	4 - 4.5
Units	MG/KG	MG/KG	MG/KG	UNITS	MG/KG	UNITS	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							
CHLORIDE	10.4	14	49.8		9.8		
NITRATE	2.23	0.2	0.16 U		0.16 U		
PH, UNITS	8.4	8.7		9.2		8.1	7.5
PHOSPHORUS	280	524	368		272		
SULFATE	10.2	32.2	27.1		8.7		
TOTAL ORGANIC CARBON	112	168	1610		100 U		

Location	B547-9	MW547-1	MW547-1	MW547-2	MW547-2	MW547-3	MW547-3
Sample Code	B547-9 [2.5-3.0]	MW547-1 [1.0-1.5]	MW547-1 [2.5-3.0]	MW547-2 [1.5-2.0]	MW547-2 [2.5-3.0]	MW547-3 [2.0-2.5]	MW547-3 [4.0-4.5]
Sampling Date	7/3/1990	6/29/1990	6/29/1990	6/29/1990	6/29/1990	7/13/1990	7/2/1990
Sampling Depth (feet bgs)	2.5 - 3	1 - 1.5	2.5 - 3	1.5 - 2	2.5 - 3	2 - 2.5	4 - 4.5
Units	MG/KG	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							
CHLORIDE	12.2	5.7		10.5		9.9	
NITRATE	0.93	0.16 U		0.73		0.16 U	
PH, UNITS			9.1		7.2		8.3
PHOSPHORUS	222	443		1090		359	
SULFATE	5.8	9		38		7.4	
TOTAL ORGANIC CARBON	168	243		2000		224	

Notes:

MG/KG Miligrams per kilogram

TABLE E-127: SITE 22 GENERAL CHEMISTRY IN SOIL

Remedial Investigation Report for OU-2A, Alameda Point, Alameda, California
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Location	MW547-4	MW547-4
Sample Code	MW547-4 [1.0-1.5]	MW547-4 [2.5-3.0]
Sampling Date	6/28/1990	6/29/1990
Sampling Depth (feet bgs)	1 - 1.5	2.5 - 3
Units	MG/KG	UNITS
Investigation	PH 1&2A 1991	PH 1&2A 1991
Analyte		
CHLORIDE	6	
NITRATE	0.7	
PH, UNITS		8.9
PHOSPHORUS	306	
SULFATE	8.4	
TOTAL ORGANIC CARBON	292	

Location	MW547-5	MW547-5
Sample Code	MW547-5 [1.0-1.5]	MW547-5 [2.5-3.0]
Sampling Date	6/29/1990	6/29/1990
Sampling Depth (feet bgs)	1 - 1.5	2.5 - 3
Units	MG/KG	UNITS
Investigation	PH 1&2A 1991	PH 1&2A 1991
Analyte		
CHLORIDE	25	
NITRATE	0.18	
PH, UNITS		8.4
PHOSPHORUS	411	
SULFATE	9.7	
TOTAL ORGANIC CARBON	682	

Notes:
MG/KG Miligrams per kilogram

TABLE E-128: SITE 22 PESTICIDES AND PCBs IN GROUNDWATER

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

Location	MW547-1	MW547-2	MW547-3	MW547-4	MW547-5
Sample Code	MW547-1 [08/07/90]	MW547-2 [08/08/90]	MW547-3 [08/07/90]	MW547-4 [08/06/90]	MW547-5 [08/06/90]
Sampling Date	8/7/1990	8/8/1990	8/7/1990	8/6/1990	8/6/1990
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			0.1 U	1 U	0.1 U
4,4'-DDE			0.1 U	1 U	0.1 U
4,4'-DDT			0.1 U	1 U	0.1 U
ALDRIN			0.05 U	0.5 U	0.05 U
ALPHA-BHC			0.05 U	0.5 U	0.05 U
AROCLOR-1016			0.8 U	8 U	0.8 U
AROCLOR-1221			2 U	20 U	2 U
AROCLOR-1232			2 U	20 U	2 U
AROCLOR-1242			0.8 U	8 U	0.8 U
AROCLOR-1248			0.5 U	5 U	0.5 U
AROCLOR-1254			1 U	10 U	1 U
AROCLOR-1260			1 U	10 U	1 U
BETA-BHC			0.05 U	0.5 U	0.05 U
CHLORDANE			0.2 U	2 U	0.2 U
DELTA-BHC			0.05 U	0.5 U	0.05 U
DIELDRIN			0.02 U	0.2 U	0.02 U
ENDOSULFAN I			0.05 U	0.5 U	0.05 U
ENDOSULFAN II	0.1 U	0.1 U	0.1 U	1 U	0.1 U
ENDOSULFAN SULFATE			0.1 U	1 U	0.1 U
ENDRIN			0.06 U	0.6 U	0.06 U
ENDRIN ALDEHYDE	0.1 U	0.1 U	0.1 U	1 U	0.1 U
ENDRIN KETONE	0.05 U	0.05 U	0.05 U	0.5 U	0.05 U
GAMMA-BHC (LINDANE)			0.05 U	0.5 U	0.05 U
HEPTACHLOR			0.02 U	0.2 U	0.02 U
HEPTACHLOR EPOXIDE	0.05 U	0.05 U	0.05 U	0.5 U	0.05 U
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	1 U	0.1 U
TOXAPHENE			1 U	10 U	1 U

Notes:

UG/L Micrograms per liter

TABLE E-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MW547-1	MW547-1	MW547-2	MW547-2	MW547-3	MW547-3
Sample Code	280-S7C-028	280-S7C-030	280-S7C-032	280-S7C-034	280-S7C-036	280-S7C-038
Sampling Date	11/8/1994	6/20/1995	11/8/1994	6/20/1995	11/7/1994	6/21/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	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
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
1,2-DIPHENYLHYDRAZINE						
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		25 U
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	13	31
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 UJ	25 U	25 UJ	25 U	25 U
2-NITROPHENOL	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
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 UJ	25 U	25 UJ	25 U	25 UJ	25 U
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	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
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 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
BENZO(A)ANTHRACENE	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
BENZO(B)FLUORANTHENE	10 U	10 UJ	10 U	10 UJ	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 UJ	4 U	4 UJ	4 U	4 UJ	4 U
BUTYLBENZYLPHTHALATE	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
CHRYSENE	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
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 UJ	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

TABLE E-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MW547-1	MW547-1	MW547-2	MW547-2	MW547-3	MW547-3
Sample Code	280-S7C-028	280-S7C-030	280-S7C-032	280-S7C-034	280-S7C-036	280-S7C-038
Sampling Date	11/8/1994	6/20/1995	11/8/1994	6/20/1995	11/7/1994	6/21/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	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
Analyte						
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U
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	10 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	54	140
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 U
PHENANTHRENE	10 U	10 U	10 U	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	10 U	36	54
PYRENE	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MW547-4	MW547-4	MW547-5	MW547-5	M07C-08	M07C-08
Sample Code	280-S7C-040	280-S7C-043	280-S7C-045	280-S7C-047	280-S7C-058	280-S7C-060
Sampling Date	11/7/1994	6/21/1995	11/10/1994	6/21/1995	11/7/1994	6/21/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	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
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
1,2-DIPHENYLHYDRAZINE						
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 U		25 U		25 U
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	2 J	1 J	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	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
4,6-DINITRO-2-METHYLPHENOL	25 UJ	25 U	25 UJ	25 U	25 UJ	25 U
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	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
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 U	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
BENZO(A)ANTHRACENE	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
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 UJ	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 UJ	4 UJ	4 UJ	4 U
BUTYLBENZYLPHTHALATE	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
CHRYSENE	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
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

TABLE E-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MW547-4	MW547-4	MW547-5	MW547-5	M07C-08	M07C-08
Sample Code	280-S7C-040	280-S7C-043	280-S7C-045	280-S7C-047	280-S7C-058	280-S7C-060
Sampling Date	11/7/1994	6/21/1995	11/10/1994	6/21/1995	11/7/1994	6/21/1995
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	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
Analyte						
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U
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	10 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	34	22	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 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-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	DHP-S07C-01	DHP-S07C-02	DHP-S07C-03	DHP-S07C-04	D07C-01	MW547-1
Sample Code	280-S7C-066	280-S7C-067	280-S7C-069	280-S7C-070	280-S7C-088	385-S22-001
Sampling Date	7/28/1994	8/2/1994	7/29/1994	8/1/1994	12/16/1994	7/5/2001
Sampling Depth (feet bgs)	22.5 -	21 -	26 -	16 -	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	DGS
Analyte						
1,2,4-TRICHLOROBENZENE	10 U	10 U	30 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 U	5 U	15 U	5 U	5 U	5 U
1,2-DIPHENYLHYDRAZINE						
1,3-DICHLOROBENZENE	5 U	5 U	15 U	5 U	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U	15 U	5 U	5 U	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	30 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	75 U	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 UJ	30 U	10 UJ	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	30 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	30 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 U	25 UJ	75 UJ	25 UJ	25 U	25 UJ
2,4-DINITROTOLUENE	10 U	10 U	30 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	30 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	30 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	30 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	30 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	30 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	75 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	30 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 UJ	30 UJ	10 UJ	10 U	12 U
3-NITROANILINE	25 U	25 U	75 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 UJ	75 UJ	25 UJ	25 U	25 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	30 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	30 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	30 U	10 U	10 U	19 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	30 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	30 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	75 U	25 U	25 U	25 UJ
4-NITROPHENOL	25 U	25 U	75 U	25 U	25 U	25 U
ACENAPHTHENE	10 U	10 U	30 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	30 U	10 U	10 U	10 U
ANILINE						
ANTHRACENE	10 U	10 U	30 U	10 U	10 U	10 U
BENZO(A)ANTHRACENE	10 U	10 U	30 U	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	30 U	10 U	10 U	2.7 U
BENZO(B)FLUORANTHENE	10 U	10 UJ	30 U	10 UJ	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	30 U	10 U	10 UJ	10 UJ
BENZO(K)FLUORANTHENE	10 U	10 UJ	30 U	10 UJ	10 U	10 U
BENZOIC ACID						
BENZYL ALCOHOL						
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	30 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	30 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	30 UJ	4 UJ	32 UJ	10 UJ	4 UJ	4 U
BUTYLBENZYLPHTHALATE	10 UJ	10 UJ	30 U	10 UJ	10 UJ	10 U
CARBAZOLE	10 U	10 U	30 U	10 U	10 U	14 U
CHRYSENE	10 U	10 U	30 UJ	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	30 U	10 U	10 UJ	20 U
DIBENZOFURAN	10 U	10 U	30 U	10 U	10 U	10 U
DIETHYLPHTHALATE	10 UJ	10 U	30 U	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U	30 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 UJ	10 U	30 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 UJ	30 U	10 UJ	10 U	10 U

TABLE E-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	DHP-S07C-01	DHP-S07C-02	DHP-S07C-03	DHP-S07C-04	D07C-01	MW547-1
Sample Code	280-S7C-066	280-S7C-067	280-S7C-069	280-S7C-070	280-S7C-088	385-S22-001
Sampling Date	7/28/1994	8/2/1994	7/29/1994	8/1/1994	12/16/1994	7/5/2001
Sampling Depth (feet bgs)	22.5 -	21 -	26 -	16 -	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	FO 1994	FO 1994	FO 1994	FO 1994	FO 1994	DGS
Analyte						
FLUORANTHENE	10 U	10 U	30 U	10 U	10 U	10 U
FLUORENE	10 U	10 U	30 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	30 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	30 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	30 U	10 U	10 U	16 UJ
HEXACHLOROETHANE	10 U	10 U	30 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	30 U	10 U	10 UJ	10 U
ISOPHORONE	10 U	10 U	30 U	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	30 U	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	30 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE						
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	30 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	30 U	10 U	10 U	18 U
PENTACHLOROPHENOL	25 U	100	75 UJ	25 U	25 U	25 U
PHENANTHRENE	10 U	10 U	30 U	10 U	10 U	10 U
PHENOL	10 U	10 U	30 U	10 U	10 U	10 U
PYRENE	10 U	10 U	30 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MW547-2	MW547-3	MW547-4	MW547-5	M07C-08	D07C-01
Sample Code	385-S22-002	385-S22-003	385-S22-004	385-S22-005	385-S22-008	385-S22-010
Sampling Date	7/5/2001	7/5/2001	7/5/2001	7/5/2001	7/5/2001	7/9/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-
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
1,2-DIPHENYLHYDRAZINE						
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	25 UJ	25 UJ	25 UJ	50 U
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	60	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 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
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	19 U	19 U	19 U	19 U	19 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 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 U
4-NITROPHENOL	25 U	25 U	25 U	25 U	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
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	1.4 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	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	14 U	14 U	14 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

TABLE E-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MW547-2	MW547-3	MW547-4	MW547-5	M07C-08	D07C-01
Sample Code	385-S22-002	385-S22-003	385-S22-004	385-S22-005	385-S22-008	385-S22-010
Sampling Date	7/5/2001	7/5/2001	7/5/2001	7/5/2001	7/5/2001	7/9/2001
Sampling Depth (feet bgs)	-	-	-	-	-	-
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Investigation	DGS	DGS	DGS	DGS	DGS	DGS
Analyte						
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U
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 UJ	16 UJ	16 UJ	16 UJ	11 UJ
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	380	15	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	18 U	18 U	18 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	42	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-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MW547-1	MW547-2	MW547-3	MW547-4
Sample Code	MW547-1 [08/07/90]	MW547-2 [08/08/90]	MW547-3 [08/07/90]	MW547-4 [08/06/90]
Sampling Date	8/7/1990	8/8/1990	8/7/1990	8/6/1990
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
1,2-DIPHENYLHYDRAZINE	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	10 U	50 U	10 U	10 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	39
2,4-DINITROPHENOL	10 U	50 U	10 U	10 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	9 J	6 J
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	10 U	50 U	10 U	10 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	10 U	50 U	10 U	10 U
ACENAPHTHENE	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U
ANILINE	10 U	10 U	10 U	10 U
ANTHRACENE	10 U	10 U	10 U	10 U
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

TABLE E-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MW547-1	MW547-2	MW547-3	MW547-4
Sample Code	MW547-1 [08/07/90]	MW547-2 [08/08/90]	MW547-3 [08/07/90]	MW547-4 [08/06/90]
Sampling Date	8/7/1990	8/8/1990	8/7/1990	8/6/1990
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				
FLUORANTHENE	10 U	10 U	10 U	10 U
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	56	53
NITROBENZENE	10 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE	10 U	10 U	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE			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	13	4 J
PYRENE	10 U	10 U	10 U	10 U

Notes:

UG/L Micrograms per liter

TABLE E-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MW547-5
Sample Code	MW547-5 [08/06/90]
Sampling Date	8/6/1990
Sampling Depth (feet bgs)	-
Units	UG/L
Investigation	PH 1&2A 1991
Analyte	
1,2,4-TRICHLOROBENZENE	10 U
1,2-DICHLOROBENZENE	10 U
1,2-DIPHENYLHYDRAZINE	10 U
1,3-DICHLOROBENZENE	10 U
1,4-DICHLOROBENZENE	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	
2,4,5-TRICHLOROPHENOL	10 U
2,4,6-TRICHLOROPHENOL	10 U
2,4-DICHLOROPHENOL	10 U
2,4-DIMETHYLPHENOL	10 U
2,4-DINITROPHENOL	10 U
2,4-DINITROTOLUENE	10 U
2,6-DINITROTOLUENE	10 U
2-CHLORONAPHTHALENE	10 U
2-CHLOROPHENOL	10 U
2-METHYLNAPHTHALENE	10 U
2-METHYLPHENOL	10 U
2-NITROANILINE	50 U
2-NITROPHENOL	10 U
3,3'-DICHLOROBENZIDINE	20 U
3-NITROANILINE	50 U
4,6-DINITRO-2-METHYLPHENOL	10 U
4-BROMOPHENYL-PHENYLETHER	10 U
4-CHLORO-3-METHYLPHENOL	10 U
4-CHLOROANILINE	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U
4-METHYLPHENOL	10 U
4-NITROANILINE	50 U
4-NITROPHENOL	10 U
ACENAPHTHENE	10 U
ACENAPHTHYLENE	10 U
ANILINE	10 U
ANTHRACENE	10 U
BENZO(A)ANTHRACENE	10 U
BENZO(A)PYRENE	10 U
BENZO(B)FLUORANTHENE	10 U
BENZO(G,H,I)PERYLENE	10 U
BENZO(K)FLUORANTHENE	10 U
BENZOIC ACID	50 U
BENZYL ALCOHOL	10 U
BIS(2-CHLOROETHOXY)METHANE	10 U
BIS(2-CHLOROETHYL)ETHER	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U
BUTYLBENZYLPHTHALATE	10 U
CARBAZOLE	
CHRYSENE	10 U
DIBENZO(A,H)ANTHRACENE	10 U
DIBENZOFURAN	10 U
DIETHYLPHTHALATE	10 U
DIMETHYLPHTHALATE	10 U
DI-N-BUTYLPHTHALATE	10 U
DI-N-OCTYLPHTHALATE	10 U

Continue

TABLE E-129: SITE 22 SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

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

Location	MW547-5
Sample Code	MW547-5 [08/06/90]
Sampling Date	8/6/1990
Sampling Depth (feet bgs)	-
Units	UG/L
Investigation	PH 1&2A 1991
Analyte	
FLUORANTHENE	10 U
FLUORENE	10 U
HEXACHLOROBENZENE	10 U
HEXACHLOROBUTADIENE	10 U
HEXACHLOROCYCLOPENTADIENE	10 U
HEXACHLOROETHANE	10 U
INDENO(1,2,3-CD)PYRENE	10 U
ISOPHORONE	10 U
NAPHTHALENE	10 U
NITROBENZENE	10 U
N-NITROSODIMETHYLAMINE	10 U
N-NITROSO-DI-N-PROPYLAMINE	
N-NITROSODIPHENYLAMINE	10 U
PENTACHLOROPHENOL	50 U
PHENANTHRENE	10 U
PHENOL	10 U
PYRENE	10 U

Notes:

UG/L Micrograms per liter