Previous

N00236.002277
ALAMEDA POINT
SSIC NO. 5090.3

TABLES

FINAL WORK PLAN
FOR REMEDIAL INVESTIGATION IR SITE 35
AREAS OF CONCERN
IN TRANSFER PARCEL EDC-5

DATED 13 MARCH 2006

Table A2-15
AOC 13 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE									
	EBS 103 103-001-001 103-0001 REG 0.5 - 1 11/17/1994 IT 2001a	EBS 103 103-001-002 103-0002 REG 0.5 - 1 11/17/1994 IT 2001a	EBS 103 103-002-002 103-0031 REG 4 - 4.5 10/18/1995 IT 2001a	EBS 103 103-002-018 103-0019 REG 0.5 - 1 10/18/1995 IT 2001a	EBS 103 103-002-018 103-0020 REG 7 - 7.5 10/18/1995 IT 2001a	EBS 103 103-002-019 103-0021 REG 1 - 1.5 10/18/1995 IT 2001a	EBS 103 103-002-019 103-0022 REG 7.5 - 8 10/18/1995 IT 2001a	EBS 103 103-002-020 103-0023 REG 0.5 - 1 10/18/1995 IT 2001a	EBS 103 103-002-020 103-0024 REG 5.5 - 6.5 10/18/1995 IT 2001a	EBS 103 103-002-020 103-0032 FD 5.5 - 6.5 10/18/1995 IT 2001a
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	*									
diesel										
gasoline										
Semivolatile Organic Compounds (µg/kg)										
acenaphthene										
acenaphthylene										
anthracene										
benz(a)anthracene										
benzo(b)fluoranthene										
benzo(k)fluoranthene										
benzo(g,h,i)perylene										
benzo(a)pyrene										
chrysene										
dibenz(a,h)anthracene										
fluoranthene										
fluorene										
indeno(1,2,3-cd)pyrene										
2-methylnaphthalene										
naphthalene										
phenanthrene										
pyrene										
Pesticides/Polychlorinated Biphenyls (µg/kg)										
aldrin	2.2 UJ	77 UJ	1.7 U	1.7 U	2 U	1.7 U	1.9 U	1.7 U	1.8 U	2.7 UJ
Aroclor 1016	42 UJ	1,500 UJ	34 U	33 U	38 U	32 U	37 U	33 U	36 U	52 UJ
Aroclor 1221	85 UJ	3,000 UJ	69 U	67 U	77 U	65 U	75 U	67 U	72 U	110 UJ
Aroclor 1232	42 UJ	1,500 UJ	34 U	33 U	38 U	32 U	37 U	33 U	36 U	52 UJ
Aroclor 1242	42 UJ	1,500 UJ	34 U	33 U	38 U	32 U	37 U	33 U	36 U	52 UJ
Aroclor 1248	42 UJ	1,500 UJ	34 U	33 U	38 U	32 U	37 U	33 U	36 U	52 UJ
Aroclor 1254	42 UJ	1,500 UJ	34 U	33 U	38 U	32 U	37 U	33 U	36 U	52 UJ
Aroclor 1260	42 UJ	1,500 UJ	34 U	33 U	38 U	32 U	37 U	33 U	36 U	52 UJ
alpha-BHC	2.2 UJ	77 UJ	1.7 U	1.7 U	2 U	1.7 U	1.9 U	1.7 U	1.8 U	2.7 UJ
beta-BHC	2.2 UJ	77 UJ	1.7 U	1.7 U	4.4 J	1.7 U	1.9 U	1.7 U	1.8 U	2.7 UJ
delta-BHC	2.2 UJ	77 UJ	1.7 U	1.7 U	3.4 J	1.7 U	1.9 U	1.7 U	1.8 U	2.7 UJ
gamma-BHC (lindane)	2.2 UJ	77 UJ	1.7 U	1.7 U	2	1.7 U	1.9 U	1.7 U	1.8 U	2.7 UJ
alpha-chlordane	2.2 UJ	93 J	2.5	5.7 J	61 J	2 J	1.9 U	34 J	1.8 U	2.7 UJ
gamma-chlordane	2.2 UJ	82 J	1.7 U	5.9 J	49 J	2.8 J	1.9 U	32 J	1.8 U	2.7 UJ

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AOC 13 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE									
	EBS 103 103-001-001 103-0001 REG 0.5 - 1 11/17/1994 IT 2001a	EBS 103 103-001-002 103-0002 REG 0.5 - 1 11/17/1994 IT 2001a	EBS 103 103-002-002 103-0031 REG 4 - 4.5 10/18/1995 IT 2001a	EBS 103 103-002-018 103-0019 REG 0.5 - 1 10/18/1995 IT 2001a	EBS 103 103-002-018 103-0020 REG 7 - 7.5 10/18/1995 IT 2001a	EBS 103 103-002-019 103-0021 REG 1 - 1.5 10/18/1995 IT 2001a	EBS 103 103-002-019 103-0022 REG 7.5 - 8 10/18/1995 IT 2001a	EBS 103 103-002-020 103-0023 REG 0.5 - 1 10/18/1995 IT 2001a	EBS 103 103-002-020 103-0024 REG 5.5 - 6.5 10/18/1995 IT 2001a	EBS 103 103-002-020 103-0032 FD 5.5 - 6.5 10/18/1995 IT 2001a
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)										
4,4'-DDD	3 J	150 J	6.4	12 J	5,300 J	36 J	3.7 U	110 J	3.6 U	5.2 UJ
4,4'-DDE	15 J	590 J	3.7 J	30	190 J	280	3.7 U	540	3.6 U	5.2 UJ
4,4'-DDT	32 J	2,200 J	8.5 J	110	2,600 J	740	3.7 U	670	3.6 U	8.1 J
dieldrin	4.2 UJ	150 UJ	3.4 U	3.3 U	7.3 J	3.2 U	3.7 U	50 J	3.6 U	5.2 UJ
endosulfan I	2.2 UJ	77 UJ	1.7 U	1.7 U	3 J	1.7 U	1.9 U	3 J	1.8 U	2.7 UJ
endosulfan II	4.2 UJ	150 UJ	3.4 U	3.3 U	3.8 U	3.2 U	3.7 U	3.3 U	3.6 U	5.2 UJ
endosulfan sulfate	4.2 UJ	150 UJ	3.4 U	3.3 U	3.8 U	3.2 U	3.7 U	3.3 U	3.6 U	5.2 UJ
endrin	4.2 UJ	150 UJ	3.4 U	3.3 U	3.8 U	3.2 U	3.7 U	3.3 U	3.6 U	5.2 UJ
endrin aldehyde	4.2 UJ	150 UJ	3.4 U	3.3 U	3.8 U	3.2 U	3.7 U	3.3 U	3.6 U	5.2 UJ
endrin ketone	4.2 UJ	150 UJ	3.4 U	3.3 U	3.8 U	3.2 U	3.7 U	3.3 U	3.6 U	5.2 UJ
heptachlor	2.2 UJ	77 UJ	1.7 U	1.7 U	3.6 J	1.7 U	1.9 U	2.8	1.8 U	2.7 UJ
heptachlor epoxide	2.2 UJ	77 UJ	1.7 U	3.1 J	4	1.7 U	1.9 U	3.6 J	1.8 U	2.7 UJ
methoxychlor	22 UJ	770 UJ	17 U	17 U	20 U	17 U	19 U	17 U	18 U	51 J
toxaphene	220 UJ	7,700 UJ	170 U	170 U	200 U	170 U	190 U	170 U	180 U	270 UJ
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)										
arsenic										

Table A2-15
AOC 13 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE							
	EBS 103 103-SN-002 103S-002M REG 9 - 9.5 1/18/1995 IT 2001a	EBS 103 PP24B 0040-WHA-3863 REG 0 - 0.5 7/24/2003 FWEC 2003	EBS 103 PP24B 0040-WHA-3864 REG 0.5 - 2 7/24/2003 FWEC 2003	EBS 103 QQ25 0040-WHA-3720 REG 0 - 0.5 7/21/2003 FWEC 2003	EBS 103 QQ25 0040-WHA-3721 REG 0.5 - 2 7/21/2003 FWEC 2003	EBS 103 RR21 0040-WHA-3874 REG 0 - 0.5 7/24/2003 FWEC 2003	EBS 103 RR21 0040-WHA-3875 REG 0.5 - 2 7/24/2003 FWEC 2003	EBS 103 RR21 0040-WHA-3876 REG 2 - 4 7/24/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)								
diesel	50,000 U							
gasoline	50,000 U							
Semivolatile Organic Compounds (µg/kg)								
acenaphthene		5.2 U	1.6 J	3.6 J	4.4 J	5.2 U	5.1 U	5.6 U
acenaphthylene		5.2 U	3.1 J	6.1	11	1.8 J	16	5.6 U
anthracene		3.1 J	3.1 J	13	23	2.2 J	29	1.2 J
benz(a)anthracene		51	24	180	430	22	160	5 J
benzo(b)fluoranthene		64	37	250	640	38	240	8.6 U
benzo(k)fluoranthene		19	13	82	220	14	65	6.4
benzo(g,h,i)perylene		23	30	180	420	33	220	14 J
benzo(a)pyrene		40	31	190	510	31	240	11
chrysene		56	28	200	470	28	190	6.5
dibenz(a,h)anthracene		5.2 U	5.2 U	28	85	5.2 U	29	5.6 UJ
fluoranthene		66	43	260	470	40	310	8.3
fluorene		5.2 U	5.2 U	2.2 J	3.6 J	5.2 U	6.3	5.6 U
indeno(1,2,3-cd)pyrene		22	25	160	390	25	190	10 J
2-methylnaphthalene		5.2 U	5.2 U	5.2 U	1.7 J	1.6 J	5.1 U	5.6 U
naphthalene		1.7 J	2.5 J	3.7 J	5.4	1.9 J	5.7	5.6 U
phenanthrene		20	12	65	110	14	99	4.6 J
pyrene		74	51	300	480	48	380	17
Pesticides/Polychlorinated Biphenyls (µg/kg)								
aldrin								
Aroclor 1016								
Aroclor 1221								
Aroclor 1232								
Aroclor 1242								
Aroclor 1248								
Aroclor 1254								
Aroclor 1260								
alpha-BHC								
beta-BHC								
delta-BHC								
gamma-BHC (lindane)								
alpha-chlordane								
gamma-chlordane								

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AOC 13 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE							
	EBS 103 103-SN-002 103S-002M REG 9 - 9.5 1/18/1995 IT 2001a	EBS 103 PP24B 0040-WHA-3863 REG 0 - 0.5 7/24/2003 FWEC 2003	EBS 103 PP24B 0040-WHA-3864 REG 0.5 - 2 7/24/2003 FWEC 2003	EBS 103 QQ25 0040-WHA-3720 REG 0 - 0.5 7/21/2003 FWEC 2003	EBS 103 QQ25 0040-WHA-3721 REG 0.5 - 2 7/21/2003 FWEC 2003	EBS 103 RR21 0040-WHA-3874 REG 0 - 0.5 7/24/2003 FWEC 2003	EBS 103 RR21 0040-WHA-3875 REG 0.5 - 2 7/24/2003 FWEC 2003	EBS 103 RR21 0040-WHA-3876 REG 2 - 4 7/24/2003 FWEC 2003
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)								
4,4'-DDD								
4,4'-DDE								
4,4'-DDT								
dieldrin								
endosulfan I								
endosulfan II								
endosulfan sulfate								
endrin								
endrin aldehyde								
endrin ketone								
heptachlor								
heptachlor epoxide								
methoxychlor								
toxaphene								
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)								
arsenic								

Table A2-15
AOC 13 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE									
	EBS 103 RR21 0040-WHA-3877 REG 4 - 8 7/24/2003 FWEC 2003	EBS 103 RR22 0040-WHA-0437 REG 0.5 - 1 4/24/2003 FWEC 2003	EBS 103 RR22 0040-WHA-0437RE REG 0.5 - 1 4/24/2003 FWEC 2003	EBS 103 RR23 0040-WHA-0435 REG 1 - 1.5 4/24/2003 FWEC 2003	EBS 103 RR24 0040-WHA-0436 REG 1.5 - 2 4/24/2003 FWEC 2003	EBS 103 RR25 0040-WHA-0165 REG 0.5 - 1 4/25/2003 FWEC 2003	EBS 103 SS21 0040-WHA-3880 REG 2 - 4 7/24/2003 FWEC 2003	EBS 103 SS21 0040-WHA-3881 REG 4 - 8 7/24/2003 FWEC 2003	EBS 103 SS21 0040-WHA-5096 REG 0 - 0.5 8/25/2003 FWEC 2003	EBS 103 SS21 0040-WHA-5097 REG 0 - 0.5 8/25/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)										
diesel										
gasoline										
Semivolatile Organic Compounds (µg/kg)										
acenaphthene	5.7 U	110 U	110 U	28 U	26 U	540 U	5.2 UJ	5.8 U	110 U	110 U
acenaphthylene	3.1 J	110 U	110 U	28 U	26 U	270 U	5.2 U	3.4 J	54 U	55 U
anthracene	7.1	110 U	110 U	28 UJ	26 UJ	11 U	2.7 J	9.8	2.2 U	2.2 U
benz(a)anthracene	34	87 J	86 J	40	12 J	40	7.9	26	5.4 U	5.5 U
benzo(b)fluoranthene	37	120 J	130 J	70	16 J	59	6.6	23	2.2 U	2.2 U
benzo(k)fluoranthene	33	62 J	49 J	38	26 U	25	6.5	20	2.2 U	2.2 U
benzo(g,h,i)perylene	40 J	80 J	93 J	19 J	26 U	95	12 J	32 J	7.6 U	7.7 U
benzo(a)pyrene	43	92 J	94 J	49	11 J	70	11	38	5.4 U	5.5 U
chrysene	42	67 J	65 J	43	26 U	30	8.7	41	5.4 U	5.5 U
dibenz(a,h)anthracene	5.7 UJ	110 UJ	110 UJ	28 U	26 U	56 J	5.2 UJ	5.8 UJ	18 U	19 U
fluoranthene	67	97 J	93 J	65	13 J	97	16	33	5.4 U	5.5 U
fluorene	5.7 U	110 U	110 U	28 U	26 U	54 U	5.2 U	5.8 U	11 U	11 U
indeno(1,2,3-cd)pyrene	31 J	58 J	66 J	16 J	26 U	40	7.4 J	23 J	5.4 U	5.5 U
2-methylnaphthalene	5.7 U						5.2 U	5.8 U		
naphthalene	2.5 J	110 U	110 U	28 U	26 U	270 U	5.2 U	5.8 U	54 U	55 U
phenanthrene	16	110 U	110 U	29	26 U	43	10	15	4.3 U	4.4 U
pyrene	180	230 J	210 J	78	17 J	54 U	26	100	11 U	11 U
Pesticides/Polychlorinated Biphenyls (µg/kg)										
aldrin										
Aroclor 1016									54 U	55 U
Aroclor 1221									110 U	110 U
Aroclor 1232									54 U	55 U
Aroclor 1242									54 U	55 U
Aroclor 1248									54 U	55 U
Aroclor 1254									36 U	36 U
Aroclor 1260									36 U	36 U
alpha-BHC										
beta-BHC										
delta-BHC										
gamma-BHC (lindane)										
alpha-chlordane										
gamma-chlordane										

Table A2-15
AOC 13 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE									
	EBS 103 RR21 0040-WHA-3877 REG 4 - 8 7/24/2003 FWEC 2003	EBS 103 RR22 0040-WHA-0437 REG 0.5 - 1 4/24/2003 FWEC 2003	EBS 103 RR22 0040-WHA-0437RE REG 0.5 - 1 4/24/2003 FWEC 2003	EBS 103 RR23 0040-WHA-0435 REG 1 - 1.5 4/24/2003 FWEC 2003	EBS 103 RR24 0040-WHA-0436 REG 1.5 - 2 4/24/2003 FWEC 2003	EBS 103 RR25 0040-WHA-0165 REG 0.5 - 1 4/25/2003 FWEC 2003	EBS 103 SS21 0040-WHA-3880 REG 2 - 4 7/24/2003 FWEC 2003	EBS 103 SS21 0040-WHA-3881 REG 4 - 8 7/24/2003 FWEC 2003	EBS 103 SS21 0040-WHA-5096 REG 0 - 0.5 8/25/2003 FWEC 2003	EBS 103 SS21 0040-WHA-5097 REG 0 - 0.5 8/25/2003 FWEC 2003
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)										
4,4'-DDD										
4,4'-DDE										
4,4'-DDT										
dieldrin										
endosulfan I										
endosulfan II										
endosulfan sulfate										
endrin										
endrin aldehyde										
endrin ketone										
heptachlor										
heptachlor epoxide										
methoxychlor										
toxaphene										
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)										
arsenic									2.3	2.3

Table A2-15
AOC 13 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE						
	EBS 103 SS21 0040-WHA-6123 REG 0.5 - 2 8/25/2003 FWEC 2003	EBS 103 SS21 0040-WHA-6124 REG 0.5 - 2 8/25/2003 FWEC 2003	EBS 103 SS22 0040-WHA-0434 REG 0.5 - 1 4/24/2003 FWEC 2003	EBS 103 SS23 0040-WHA-0433 REG 1 - 2 4/24/2003 FWEC 2003	EBS 103 SS24 0040-WHA-0125 REG 0.5 - 1 4/24/2003 FWEC 2003	EBS 103 TT22 0040-WHA-0127 REG 1.5 - 2 4/24/2003 FWEC 2003	EBS 103 TT23 0040-WHA-0126 REG 0.5 - 1 4/24/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)							
diesel							
gasoline							
Semivolatile Organic Compounds (µg/kg)							
acenaphthene	100 U	100 U	29 U	110 U	110 U	110 U	110 U
acenaphthylene	52 U	52 U	29 U	110 U	56 U	54 U	55 U
anthracene	2.1 U	0.8 J	29 UJ	110 UJ	2.2 U	2.1 U	2 J
benz(a)anthracene	5.2 U	5.2 U	27 J	140	12	133	17
benzo(b)fluoranthene	6.2	6.2	43	330	18	33	32
benzo(k)fluoranthene	2 J	2 J	22 J	190	8	16	13
benzo(g,h,i)perylene	7.3 U	7.3 U	18 J	200	23	33	38
benzo(a)pyrene	2 J	3 J	33	260	24	5.4 U	42
chrysene	5.2 U	5.2 U	29	190	10	25	23
dibenz(a,h)anthracene	18 U	18 U	29 U	110 U	12 J	40	24
fluoranthene	7	8	39	240	31	77	65
fluorene	10 U	10 U	29 U	110 U	11 U	11 U	11 U
indeno(1,2,3-cd)pyrene	5.2 U	5.2 U	16 J	120	17	39	27
2-methylnaphthalene							
naphthalene	52 U	52 U	29 U	110 U	56 U	54 U	55 U
phenanthrene	1 J	8	14 J	110 J	7	22	13
pyrene	6 J	6 J	47	330	30	65	56
Pesticides/Polychlorinated Biphenyls (µg/kg)							
aldrin							
Aroclor 1016	52 U	52 U					
Aroclor 1221	100 U	100 U					
Aroclor 1232	52 U	52 U					
Aroclor 1242	52 U	52 U					
Aroclor 1248	52 U	52 U					
Aroclor 1254	34 U	34 U					
Aroclor 1260	34 U	34 U					
alpha-BHC							
beta-BHC							
delta-BHC							
gamma-BHC (lindane)							
alpha-chlordane							
gamma-chlordane							

Table A2-15
AOC 13 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE						
	EBS 103 SS21 0040-WHA-6123 REG 0.5 - 2 8/25/2003 FWEC 2003	EBS 103 SS21 0040-WHA-6124 REG 0.5 - 2 8/25/2003 FWEC 2003	EBS 103 SS22 0040-WHA-0434 REG 0.5 - 1 4/24/2003 FWEC 2003	EBS 103 SS23 0040-WHA-0433 REG 1 - 2 4/24/2003 FWEC 2003	EBS 103 SS24 0040-WHA-0125 REG 0.5 - 1 4/24/2003 FWEC 2003	EBS 103 TT22 0040-WHA-0127 REG 1.5 - 2 4/24/2003 FWEC 2003	EBS 103 TT23 0040-WHA-0126 REG 0.5 - 1 4/24/2003 FWEC 2003
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)							
4,4'-DDD							
4,4'-DDE							
4,4'-DDT							
dieldrin							
endosulfan I							
endosulfan II							
endosulfan sulfate							
endrin							
endrin aldehyde							
endrin ketone							
heptachlor							
heptachlor epoxide							
methoxychlor							
toxaphene							
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)							
arsenic	3.9	5.5					

Note:
* blank – sample not analyzed for a particular compound

Acronyms and Abbreviations:
bgs – below ground surface
EBS – Environmental Baseline Survey
FD – field duplicate
FWEC – Foster Wheeler Environmental Corporation
ID – identification
IT – International Technology Corporation
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
NA – not analyzed
REG –regular

Data Qualifiers:
J – indicates an estimated value
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 103 103-018 103-0039 REG 0 - 2 4/11/2001 IT 2001a	EBS 103 103-018 103-0040 REG 2 - 4 4/11/2001 IT 2001a	EBS 103 103-018 103-0041 REG 4 - 6 4/11/2001 IT 2001a	EBS 103 103-018 103-0042 FD 4 - 6 4/11/2001 IT 2001a	EBS 103 103-018 103-0043 REG 6 - 8 4/11/2001 IT 2001a	EBS 103 32EDC-5-102 C032CC03 REG 0 - 0.5 5/28/2002 BEI 2003a	EBS 103 32EDC-5-102 C032CC04 REG 0.5 - 2 5/28/2002 BEI 2003a	EBS 103 32EDC-5-102 C032CC05 REG 2 - 4 5/28/2002 BEI 2003a	EBS 103 32EDC-5-102 C032CC06 REG 4 - 8 5/28/2002 BEI 2003a	EBS 103 SS20 0040-WHA-1519 REG 0 - 0.5 7/15/2003 FWEC 2003	EBS 103 SS20 0040-WHA-1520 REG 0.5 - 2 7/15/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)											
acenaphthene	61 U	48 U	53 U	52 U	58 U	5.2 UJ	5.2 UJ	5.2 UJ	5.5 UJ	5.2 U	2.9 J
acenaphthylene	50 U	52 J	56 U	56 U	110 J	1.3 J	1.1 J	1.7 J	2.9 J	7.1	10
anthracene	3.2 U	3.4 U	3.6 U	3.6 U	130	1.1 J	2.3 J	3.3 J	4.2 J	9.1	17
benz(a)anthracene	33	0.97 U	1.1 U	1.4 U	490	10 J	9.6 J	14 J	11 J	95	70
benzo(b)fluoranthene	51	2.2 U	2.4 U	72	760	11 J	8.6 J	33 J	38 J	160	120
benzo(k)fluoranthene	19	1.4 U	1.3 U	1.3 U	300	15 J	12 J	16 J	23 J	52	44
benzo(g,h,i)perylene	71	2.1 U	4.1 U	2.2 U	860	13 J	7.6 J	26 J	43 J	150 J	160
benzo(a)pyrene	65	2.3 U	2.5 U	2.5 U	500	17 J	13 J	22 J	49 J	160	130
chrysene	42	1.6 U	47	17	1,400	15 J	14 J	72 J	35 J	110	70 J
dibenz(a,h)anthracene	6.4 U	1.7 U	1.9 U	1.9 U	80 U	2.9 J	2.8 J	8.7 J	5.5 UJ	20 J	20
fluoranthene	150	2.8 U	3.1 U	3 U	1,900	21 J	16 J	32 J	24 J	220	180
fluorene	8.9 U	9.3 U	10 U	10 U	11 J	5.2 UJ	5.2 UJ	3.8 J	1.5 J	5.2 U	3.1 J
indeno(1,2,3-cd)pyrene	69	0.76 U	0.82 U	3.5 U	850	9.6 J	6 J	7.9 J	22 J	140 J	140
2-methylnaphthalene						0.67 J	0.6 J	33 J	4.2 J	1.6 J	5.1 U
naphthalene	30 U	31 U	34 U	34 U	37 U	0.66 J	0.65 J	14 J	4.5 J	4.8 J	5.5
phenanthrene	32	2.2 U	2.4 U	2.3 U	340	9.3 J	10 J	46 J	13 J	40	63
pyrene	100	2.7 U	40	23 J	1,200	27 J	18 J	37 J	32 J	250	220
Pesticides/Polychlorinated Biphenyls (µg/kg)											
Aroclor 1016	*										
Aroclor 1221											
Aroclor 1232											
Aroclor 1242											
Aroclor 1248											
Aroclor 1254											
Aroclor 1260											
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
arsenic											

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE									
	EBS 103 SS20 0040-WHA-1521 REG 2 - 4 7/15/2003 FWEC 2003	EBS 103 SS20 0040-WHA-1522 REG 4 - 8 7/15/2003 FWEC 2003	EBS 103 TT17 0040-WHA-1491 REG 0 - 0.5 7/15/2003 FWEC 2003	EBS 103 TT17 0040-WHA-1492 REG 0.5 - 2 7/15/2003 FWEC 2003	EBS 103 TT17 0040-WHA-1493 REG 2 - 4 7/15/2003 FWEC 2003	EBS 103 TT17 0040-WHA-1494 REG 4 - 8 7/15/2003 FWEC 2003	EBS 103 TT17 0040-WHA-1495 FD 2 - 4 7/15/2003 FWEC 2003	EBS 103 TT18 0040-WHA-1503 REG 2 - 4 7/15/2003 FWEC 2003	EBS 103 TT18 0040-WHA-1504 REG 4 - 8 7/15/2003 FWEC 2003	EBS 103 TT18 0040-WHA-5096 REG 0 - 0.5 8/25/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)										
acenaphthene	5.2 U	12 U	5.1 U	5.1 U	13 U	2.9 J	2.3 J	2.4 J	3 J	110 U
acenaphthylene	2.9 J	4.1 J	2 J	1.9 J	20	5.9 U	14	17	11	54 U
anthracene	4.4 J	6.8 J	1.7 J	1.8 J	30	1.3 J	17	32	26	2.2 U
benz(a)anthracene	14	20	26	26	240	5.8 J	110	80	69	5.4 U
benzo(b)fluoranthene	19	19	40	39	210	8.3	150	110	98	2.2 U
benzo(k)fluoranthene	17	13	14	13	160	6.4	84	62	82	2.2 U
benzo(g,h,i)perylene	31 J	20	30	31	230	9.7	170	140	110 J	7.6 U
benzo(a)pyrene	28	23 J	28	33	300	10	170	120	96	5.4 U
chrysene	17	29	33	31	290	8.2	140	97	110	5.4 U
dibenz(a,h)anthracene	1.5 J	5.3 J	4 J	3.7 J	11 J	5.9 U	6.7	5.6	4.5 J	18 U
fluoranthene	23	27	33	30	440	11	170	150	100	5.4 U
fluorene	5.2 U	12 U	5.1 U	5.1 U	13 U	5.9 U	2.2 J	7.3	5.8 U	11 U
indeno(1,2,3-cd)pyrene	18 J	12 J	24 J	26 J	190	7	130	98	86 J	5.4 U
2-methylnaphthalene	5.2 U	12 U	2.4 J	5.1 U	13 U	5.9 U	5.2 U	5.2 U	5.8 U	
naphthalene	5.2 U	12 U	2.7 J	5.1 U	11 J	5.9 U	7.6	6.2	4.2 J	54 U
phenanthrene	8.3	4 J	10	7.2	87	3.2 J	42	110	26	4.3 U
pyrene	37	51	39	37	590	20	270	260	220	11 U
Pesticides/Polychlorinated Biphenyls (µg/kg)										
Aroclor 1016										54 U
Aroclor 1221										110 U
Aroclor 1232										54 U
Aroclor 1242										54 U
Aroclor 1248										54 U
Aroclor 1254										36 U
Aroclor 1260										36 U
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)										
arsenic										2.3

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE									
	EBS 103 TT18 0040-WHA-5097 REG 0 - 0.5 8/25/2003 FWEC 2003	EBS 103 TT18 0040-WHA-6123 REG 0.5 - 2 8/25/2003 FWEC 2003	EBS 103 TT18 0040-WHA-6124 REG 0.5 - 2 8/25/2003 FWEC 2003	EBS 103 TT19 0040-WHA-1505 REG 0 - 0.5 7/15/2003 FWEC 2003	EBS 103 TT19 0040-WHA-1506 REG 0.5 - 2 7/15/2003 FWEC 2003	EBS 103 TT19 0040-WHA-1507 REG 2 - 4 7/15/2003 FWEC 2003	EBS 103 TT19 0040-WHA-1508 REG 4 - 8 7/15/2003 FWEC 2003	EBS 103 TT19 0040-WHA-1509 FD 4 - 8 7/15/2003 FWEC 2003	EBS 103 TT20 0040-WHA-1523 REG 0 - 0.5 7/15/2003 FWEC 2003	EBS 103 TT20 0040-WHA-1524 REG 0.5 - 2 7/15/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)										
acenaphthene	110 U	100 U	100 U	5.1 U	1.8 J	2.4 J	26	12	5.2 U	5.1 U
acenaphthylene	55 U	52 U	52 U	3.3 J	7	10	18	3.8 J	2.5 J	3.8 J
anthracene	2.2 U	2.1 U	0.8 J	4 J	6.7	8.9	34	9.2	3.3 J	3.2 J
benz(a)anthracene	5.5 U	5.2 U	5.2 U	38	76	50	160	36	20	21
benzo(b)fluoranthene	2.2 U	6.2	6.2	63	120	87	230	31	44	48
benzo(k)fluoranthene	2.2 U	2 J	2 J	19	38	32	190	23	15	17
benzo(g,h,i)perylene	7.7 U	7.3 U	7.3 U	46	120	74	330 J	42 J	41	72
benzo(a)pyrene	5.5 U	2 J	3 J	48	110	69 J	240	43	37	48
chrysene	5.5 U	5.2 U	5.2 U	48	89	52	200	68	22 J	28 J
dibenz(a,h)anthracene	19 U	18 U	18 U	7	13	2.7 J	12 J	1.5 J	5.2 U	5.1 U
fluoranthene	5.5 U	7	8	57	110	90 J	270	26	51	52
fluorene	11 U	10 U	10 U	1.6 J	1.9 J	1.5 J	5.5 J	5.5 U	5.2 U	5.1 U
indeno(1,2,3-cd)pyrene	5.5 U	5.2 U	5.2 U	39	100	52	250 J	22 J	41	58
2-methylnaphthalene				1.6 J	5.1 U	5.1 U	12 U	5.5 U	5.2 U	5.1 U
naphthalene	55 U	52 U	52 U	2.2 J	4.8 J	2.4 J	17	5.5 U	2.3 J	3.3 J
phenanthrene	4.4 U	1 J	8	19	26	28	81	10	16	9.7
pyrene	11 U	6 J	6 J	67	140	150 J	460	220	56	61
Pesticides/Polychlorinated Biphenyls (µg/kg)										
Aroclor 1016	55 U	52 U	52 U							
Aroclor 1221	110 U	100 U	100 U							
Aroclor 1232	55 U	52 U	52 U							
Aroclor 1242	55 U	52 U	52 U							
Aroclor 1248	55 U	52 U	52 U							
Aroclor 1254	36 U	34 U	34 U							
Aroclor 1260	36 U	34 U	34 U							
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)										
arsenic	2.3	3.9	5.5							

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE									
	EBS 103 TT20 0040-WHA-1525 REG 2 - 4 7/15/2003 FWEC 2003	EBS 103 TT20 0040-WHA-1526 REG 4 - 8 7/15/2003 FWEC 2003	EBS 103 TT21 0040-WHA-1533 REG 0 - 0.5 7/15/2003 FWEC 2003	EBS 103 TT21 0040-WHA-1534 REG 0.5 - 2 7/15/2003 FWEC 2003	EBS 103 TT21 0040-WHA-1535 REG 2 - 4 7/15/2003 FWEC 2003	EBS 103 TT21 0040-WHA-1536 REG 4 - 8 7/15/2003 FWEC 2003	EBS 103 UU17 0040-WHA-1561 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 UU17 0040-WHA-1562 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 UU17 0040-WHA-1563 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 UU17 0040-WHA-1564 REG 4 - 8 7/16/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)										
acenaphthene	5.1 U	6.1 U	5.1 U	5.1 U	170 U	9.8 U	1.8 J	1.7 J	16 J	12 UJ
acenaphthylene	5 J	6.2	8.7	10	330	28	11	6.9	36 J	3.7 J
anthracene	2.9 J	11	6.9	13	470	40	9.4	4.9 J	92	4.1 J
benz(a)anthracene	7	71	55	72	2,900	170	97	52	230	27 J
benzo(b)fluoranthene	16	160	110	110	3,000	230	130	84	300	27 J
benzo(k)fluoranthene	5.2	120	40	39	990	71	43	26	270	32 J
benzo(g,h,i)perylene	19 J	110	130	160	1,900	150	100	81	470	52 J
benzo(a)pyrene	17 J	96 J	110	130	2,600 J	190 J	110	74	430 J	47 J
chrysene	8.7	120	59 J	79 J	2,800	180	110	63	330	36 J
dibenz(a,h)anthracene	5.1 UJ	27	20	21	140 J	10	14	11	90	10 J
fluoranthene	9.1 J	130	130	170	3700 J	210	150	73	590 J	61 J
fluorene	5.1 U	6.1 U	5.1 U	5.1 U	79 J	14	2.3 J	2 J	17 J	12 UJ
indeno(1,2,3-cd)pyrene	15 J	100	130	140	1,400	110	89	68	360	41 J
2-methylnaphthalene	5.1 U	6.1 U	5.1 U	5.1 U	170 U	9.8 UJ	5.2 U	5.1 U	52 U	12 UJ
naphthalene	5.1 U	11	5.9	3.8 J	63 J	6.5 J	3.3 J	3.4 J	13 J	1.7 J
phenanthrene	2.6 J	25	26	42	1,600	160	43	24	200	14 J
pyrene	18 J	160	150	200	7,000 J	400	180	86	600 J	76 J
Pesticides/Polychlorinated Biphenyls (µg/kg)										
Aroclor 1016										
Aroclor 1221										
Aroclor 1232										
Aroclor 1242										
Aroclor 1248										
Aroclor 1254										
Aroclor 1260										
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)										
arsenic										

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 103 UU18 0040-WHA-1556 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 UU18 0040-WHA-1557 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 UU18 0040-WHA-1558 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 UU18 0040-WHA-1559 REG 4 - 8 7/16/2003 FWEC 2003	EBS 103 UU18 0040-WHA-1560 FD 2 - 4 7/16/2003 FWEC 2003	EBS 103 UU19 0040-WHA-1552 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 UU19 0040-WHA-1553 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 UU19 0040-WHA-1554 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 UU19 0040-WHA-1555 REG 4 - 8 7/16/2003 FWEC 2003	EBS 103 UU20 0040-WHA-1527 REG 0 - 0.5 7/15/2003 FWEC 2003	EBS 103 UU20 0040-WHA-1528 REG 0.5 - 2 7/15/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)											
acenaphthene	2 J	1.6 J	52 UJ	64 UJ	10 UJ	5.4 U	2.9 J	52 UJ	57 UJ	1.6 J	1.6 J
acenaphthylene	5.4	6	14 J	64 UJ	7.3 J	5.4 U	12	22 J	11 J	9.6	23
anthracene	4.1 J	4.5 J	21 J	64 UJ	8.4 J	1.7 J	10	38 J	17 J	11	26
benz(a)anthracene	53	59	110	42 J	53	16	120	210	100	52	240
benzo(b)fluoranthene	90	110	170	73 J	85	27	180	370	150	130	440
benzo(k)fluoranthene	29	31	190	59 J	59	10	63	350	170	43	150
benzo(g,h,i)perylene	73	110	330	120 J	150	20	180	710	290	150	520 J
benzo(a)pyrene	73	90	240 J	96 J	110 J	20	170	530 J	210 J	120	470
chrysene	65	70	160	68 J	74	24	140	320	150	64 J	280
dibenz(a,h)anthracene	9.2	11	51 J	64 UJ	28	6.7	21	92	47 J	22	50 J
fluoranthene	83	90	200 J	120 J	110 J	29	190	620 J	250 J	160	400
fluorene	1.7 J	5.1 UJ	52 U	64 UJ	10 U	5.4 U	3 J	52 U	57 U	1.6 J	3.1 J
indeno(1,2,3-cd)pyrene	63	88	240	92 J	110	17 J	150	540	210	140	450 J
2-methylnaphthalene	5.1 U	5.1 U	52 U	64 UJ	10 U	2.1 J	2 J	52 U	57 U	5.1 U	2.7 J
naphthalene	4.1 J	4 J	10 J	64 UJ	4.9 J	1.9 J	7.8	16 J	9.4 J	4.4 J	11
phenanthrene	21	17	54	20 J	18	11	35	86	36 J	36	74
pyrene	100	120	340 J	140 J	140 J	33	230	620 J	270 J	170	470
Pesticides/Polychlorinated Biphenyls (µg/kg)											
Aroclor 1016											
Aroclor 1221											
Aroclor 1232											
Aroclor 1242											
Aroclor 1248											
Aroclor 1254											
Aroclor 1260											
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
arsenic											

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 103 UU18 0040-WHA-1556 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 UU18 0040-WHA-1557 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 UU18 0040-WHA-1558 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 UU18 0040-WHA-1559 REG 4 - 8 7/16/2003 FWEC 2003	EBS 103 UU18 0040-WHA-1560 FD 2 - 4 7/16/2003 FWEC 2003	EBS 103 UU19 0040-WHA-1552 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 UU19 0040-WHA-1553 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 UU19 0040-WHA-1554 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 UU19 0040-WHA-1555 REG 4 - 8 7/16/2003 FWEC 2003	EBS 103 UU20 0040-WHA-1527 REG 0 - 0.5 7/15/2003 FWEC 2003	EBS 103 UU20 0040-WHA-1528 REG 0.5 - 2 7/15/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)											
acenaphthene	2 J	1.6 J	52 UJ	64 UJ	10 UJ	5.4 U	2.9 J	52 UJ	57 UJ	1.6 J	1.6 J
acenaphthylene	5.4	6	14 J	64 UJ	7.3 J	5.4 U	12	22 J	11 J	9.6	23
anthracene	4.1 J	4.5 J	21 J	64 UJ	8.4 J	1.7 J	10	38 J	17 J	11	26
benz(a)anthracene	53	59	110	42 J	53	16	120	210	100	52	240
benzo(b)fluoranthene	90	110	170	73 J	85	27	180	370	150	130	440
benzo(k)fluoranthene	29	31	190	59 J	59	10	63	350	170	43	150
benzo(g,h,i)perylene	73	110	330	120 J	150	20	180	710	290	150	520 J
benzo(a)pyrene	73	90	240 J	96 J	110 J	20	170	530 J	210 J	120	470
chrysene	65	70	160	68 J	74	24	140	320	150	64 J	280
dibenz(a,h)anthracene	9.2	11	51 J	64 UJ	28	6.7	21	92	47 J	22	50 J
fluoranthene	83	90	200 J	120 J	110 J	29	190	620 J	250 J	160	400
fluorene	1.7 J	5.1 UJ	52 U	64 UJ	10 U	5.4 U	3 J	52 U	57 U	1.6 J	3.1 J
indeno(1,2,3-cd)pyrene	63	88	240	92 J	110	17 J	150	540	210	140	450 J
2-methylnaphthalene	5.1 U	5.1 U	52 U	64 UJ	10 U	2.1 J	2 J	52 U	57 U	5.1 U	2.7 J
naphthalene	4.1 J	4 J	10 J	64 UJ	4.9 J	1.9 J	7.8	16 J	9.4 J	4.4 J	11
phenanthrene	21	17	54	20 J	18	11	35	86	36 J	36	74
pyrene	100	120	340 J	140 J	140 J	33	230	620 J	270 J	170	470
Pesticides/Polychlorinated Biphenyls (µg/kg)											
Aroclor 1016											
Aroclor 1221											
Aroclor 1232											
Aroclor 1242											
Aroclor 1248											
Aroclor 1254											
Aroclor 1260											
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
arsenic											

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 103 UU20 0040-WHA-1529 REG 2 - 4 7/15/2003 FWEC 2003	EBS 103 UU20 0040-WHA-1530 REG 4 - 8 7/15/2003 FWEC 2003	EBS 103 UU20 0040-WHA-1531 FD 4 - 8 7/15/2003 FWEC 2003	EBS 103 UU21 0040-WHA-1581 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 UU21 0040-WHA-1582 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 UU21 0040-WHA-1583 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 UU21 0040-WHA-1584 REG 4 - 8 7/16/2003 FWEC 2003	EBS 103 VV17 0040-WHA-1565 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 VV17 0040-WHA-1566 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 VV17 0040-WHA-1567 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 VV17 0040-WHA-1568 REG 4 - 8 7/16/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)											
acenaphthene	3.9 J	66 J	78 J	5 U	2.1 J	52 J	5.4 J	2 J	5.1 U	20 J	5 UJ
acenaphthylene	35	310	320	6.3	38	52 U	1.4 J	16	2.9 J	14	1,200
anthracene	36	880	430	5.9	38	52 U	2.2 J	14	1.7 J	23	2,100 J
benz(a)anthracene	150	3,800	3,900	99	390	35 J	18	170	18	91	11,000
benzo(b)fluoranthene	240	6,000	4,800	150	570	33 J	21	200	32	680	13,000 J
benzo(k)fluoranthene	180	1,800	2,600	48	160	42 J	18	54	9	82	9,300
benzo(g,h,i)perylene	210	4,800	5,600	110	500	51 J	17	140	37	85	15,000 J
benzo(a)pyrene	250 J	3,400 J	4,900 J	130	560	56 J	24 J	180	29	80 J	17,000 J
chrysene	180	4,800	4,600	110	450	46 J	21	200	25	200	20,000
dibenz(a,h)anthracene	59	170	210	16	63	52 U	4.9 J	20	5.1 U	45	4,000
fluoranthene	310	6,900	7,300	140	750	69 J	29 J	270	28	99 J	27,000 J
fluorene	6.3 J	79 J	79 J	5 U	6.6	52 U	5.4 U	3.3 J	5.1 UJ	60	2,700 J
indeno(1,2,3-cd)pyrene	180	3,300	3,900	100 J	440 J	52 U	14	130	28	43	10,000
2-methylnaphthalene	8.7 U	170 UJ	110 UJ	5 U	2 J	52 U	5.4 U	1.9 J	5.1 U	680	10,000 J
naphthalene	10	160 J	130	2.4 J	11	52 U	0.65 J	6	1.8 J	140	2,800 J
phenanthrene	130	710	1,400	26	170	19 J	6.9	59	6.4	150	11,000 J
pyrene	390	7,800	7,900	180	910	83 J	31 J	320	34	85 J	37,000 J
Pesticides/Polychlorinated Biphenyls (µg/kg)											
Aroclor 1016											
Aroclor 1221											
Aroclor 1232											
Aroclor 1242											
Aroclor 1248											
Aroclor 1254											
Aroclor 1260											
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
arsenic											

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 103 VV18 0040-WHA-1569 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 VV18 0040-WHA-1570 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 VV18 0040-WHA-1571 FD 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 VV19 0040-WHA-1548 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 VV19 0040-WHA-1549 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 VV19 0040-WHA-1550 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 VV19 0040-WHA-1551 REG 4 - 8 7/16/2003 FWEC 2003	EBS 103 VV20 0040-WHA-1537 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 VV20 0040-WHA-1538 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 VV20 0040-WHA-1539 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 VV20 0040-WHA-1540 REG 4 - 8 7/16/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)											
acenaphthene	5.2 U	5.1 U	5.1 U	5.2 U	5.1 U	5.3 UJ	57 UJ	1.6 J	5.1 U	52 UJ	5.1 UJ
acenaphthylene	2 J	1.7 J	1.5 J	5.2 U	5.1 U	5.3 U	57 U	5.7	2.1 J	9 J	5.1 U
anthracene	1.8 J	5.1 U	1.6 J	5.2 U	5.1 U	5.3 U	57 U	6.3	2 J	13 J	1.4 J
benz(a)anthracene	23	15	15 J	14	2.3 J	5.3 U	23 J	51	15	69	5.1 U
benzo(b)fluoranthene	37	21	27 J	23	4.5 J	5.3 U	32 J	73	25	63	4.4 J
benzo(k)fluoranthene	12	7	7.4 J	10	5.1 U	5.3 U	34 J	24	8.1	87	5.3
benzo(g,h,i)perylene	23	18	22 J	13	3.7 J	5.3 U	53 J	56	23	120	6.5
benzo(a)pyrene	26	17	22 J	15	3.6 J	5.3 UJ	33 J	65	23	110 J	6.6 J
chrysene	28	18	19 J	17	3 J	5.3 U	46 J	59	18	94	8.5
dibenz(a,h)anthracene	5.2 U	5.1 U	5.1 U	2.9 J	5.1 U	5.3 U	57 U	8.9	3.1 J	23 J	2.2 J
fluoranthene	33	20	22 J	20	4.8 J	5.3 J	71 J	94	27	140 J	13 J
fluorene	5.2 U	5.1 UJ	5.1 UJ	5.2 U	5.1 U	5.3 U	57 U	2.3 J	5.1 U	52 U	5.1 U
indeno(1,2,3-cd)pyrene	20 J	15	20 J	12 J	3.2 J	5.3 U	37 J	51 J	20 J	87	4.7 J
2-methylnaphthalene	5.2 U	5.1 U	5.1 U	5.2 U	5.1 U	5.3 U	57 U	5.2 U	5.1 U	52 U	5.1 U
naphthalene	2.1 J	5.1 U	5.1 U	5.2 U	5.1 U	5.3 U	57 U	2.5 J	1.7 J	52 U	5.1 U
phenanthrene	11	5.7	7.5 J	6.4	1.6 J	5.3 U	57 U	32	8.3	39 J	2 J
pyrene	37	22	26 J	22	5.5	5.3 J	82 J	110	34	160 J	11 J
Pesticides/Polychlorinated Biphenyls (µg/kg)											
Aroclor 1016											
Aroclor 1221											
Aroclor 1232											
Aroclor 1242											
Aroclor 1248											
Aroclor 1254											
Aroclor 1260											
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
arsenic											

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 103 VV20 0040-WHA-1541 FD 2 - 4 7/16/2003 FWEC 2003	EBS 103 WW17 0040-WHA-1572 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 WW17 0040-WHA-1573 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 WW17 0040-WHA-1574 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 WW17 0040-WHA-1575 REG 4 - 8 7/16/2003 FWEC 2003	EBS 103 WW17 0040-WHA-1576 FD 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 WW19 0040-WHA-1544 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 103 WW19 0040-WHA-1545 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 103 WW19 0040-WHA-1546 REG 2 - 4 7/16/2003 FWEC 2003	EBS 103 WW19 0040-WHA-1547 REG 4 - 8 7/16/2003 FWEC 2003	EBS 103 32EDC-5-111 C032CC43 REG 0 - 0.5 5/28/2002 BEI 2003a
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)											
acenaphthene	7.7 J	5.1 U	5.1 U	5.1 J	6.1 J	5.1 U	5.2 U	5.1 U	51 UJ	51 UJ	5.1 U
acenaphthylene	8.4	5.1 U	1.7 J	5.1 UJ	6.1 U	1.8 J	5.2 U	5.1 U	14 J	51 U	5.1 U
anthracene	20	5.1 U	5.1 U	5.1 UJ	6.1 U	5.1 U	5.2 U	5.1 U	57	28 J	5.1 U
benz(a)anthracene	20	14	13	1.7 J	1.7 J	11	11	4 J	79	41 J	3 J
benzo(b)fluoranthene	29	28	19	5.1 UJ	3 J	17	19	6.4	120	52	4.8 J
benzo(k)fluoranthene	18	8.4	5.9	5.1 UJ	6.1 U	4.6 J	8.2	2 J	120	62	3.7 J
benzo(g,h,i)perylene	41	20	15	3 J	4.4 J	13	10	4.5 J	110	58	7.4
benzo(a)pyrene	29 J	20	16	2.6 J	3.7 J	13	12	4.2 J	79 J	51 J	5.8
chrysene	29	20	15	1.9 J	1.9 J	15	16	7.3	200	91	3.6 J
dibenz(a,h)anthracene	11	5.1 U	5.1 U	1.8 J	2.3 J	5.1 U	2.1 J	5.1 U	35 J	51 U	5.1 U
fluoranthene	140 J	26	18	3.3 J	3.2 J	17	17	7	230 J	120 J	5.5
fluorene	4 J	5.1 U	5.1 U	5.1 UJ	6.1 U	5.1 UJ	5.2 U	5.1 U	51 U	51 U	5.1 U
indeno(1,2,3-cd)pyrene	28	16 J	13 J	5.1 UJ	3.7 J	11	9.2 J	3.9 J	94	44 J	4.5 J
2-methylnaphthalene	3.7 J	5.1 U	5.1 U	5.1 UJ	6.1 U	5.1 U	5.2 U	5.1 U	51 U	51 U	5.1 U
naphthalene	2.6 J	5.1 U	5.1 U	5.1 UJ	6.1 U	1.7 J	5.2 U	5.1 U	51 U	51 U	5.1 U
phenanthrene	100	7.1	5 J	1.5 J	6.1 U	5.5	7.1	2.3 J	69	24 J	1.5 J
pyrene	110 J	29	22	2.7 J	4.3 J	21	18	8.3	180 J	100 J	7.3
Pesticides/Polychlorinated Biphenyls (µg/kg)											
Aroclor 1016											
Aroclor 1221											
Aroclor 1232											
Aroclor 1242											
Aroclor 1248											
Aroclor 1254											
Aroclor 1260											
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
arsenic											

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE									
	EBS 103 32EDC-5-111 C032CC44 REG 0.5 - 2 5/28/2002 BEI 2003a	EBS 103 32EDC-5-111 C032CC45 REG 2 - 4 5/28/2002 BEI 2003a	EBS 103 32EDC-5-111 C032CC46 REG 4 - 8 5/28/2002 BEI 2003a	EBS 103 UU16 0040-WHA-3654 REG 0 - 0.5 7/21/2003 FWEC 2003	EBS 103 UU16 0040-WHA-3655 REG 0.5 - 2 7/21/2003 FWEC 2003	EBS 103 VV16 0040-WHA-3656 REG 0 - 0.5 7/21/2003 FWEC 2003	EBS 103 VV16 0040-WHA-3657 REG 0.5 - 2 7/21/2003 FWEC 2003	EBS 103 VV16 0040-WHA-3658 REG 2 - 4 7/21/2003 FWEC 2003	EBS 103 VV16 0040-WHA-3659 REG 4 - 8 7/21/2003 FWEC 2003	EBS 103 WW15 0040-WHA-3664 REG 0 - 0.5 7/21/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)										
acenaphthene	5.2 U	5.3 U	5.7 U	5.3 U	5.1 U	5.3 U	3 J	5.4 J	5.6 J	5.3 U
acenaphthylene	1.9 J	1.9 J	5.7 U	2.1 J	2.8 J	2.2 J	26 J	6.8	5.6 U	5.3 U
anthracene	1.7 J	2.1 J	1.5 J	5.3 U	3.2 J	2.7 J	28	7.4	5.6 U	5.3 U
benz(a)anthracene	20	14	8.7	13	18	19	59	48	5.8	11
benzo(b)fluoranthene	22	26	13	33	31	45	310	64	9.3	24
benzo(k)fluoranthene	20	21	9.7	8.3	11	13	110	76	11	7.6
benzo(g,h,i)perylene	29	39	15	24	31	29	210	110	17	21
benzo(a)pyrene	32	27	14	22	30	28	190	92 J	13 J	20
chrysene	24	25	13	17	20	25	130	94	13	13
dibenz(a,h)anthracene	4.5 J	5 J	2.4 J	5.3 U	5.1 U	5.3 U	58	19	4.4 J	5.3 U
fluoranthene	35	26	10	27	32	29	44	85 J	6.4 J	21
fluorene	5.2 U	5.3 U	5.7 U	5.3 U	5.1 U	5.3 U	2.9 J	5.4 U	5.6 U	5.3 U
indeno(1,2,3-cd)pyrene	18	24	9.6	22 J	30 J	27 J	240 J	76	11	20
2-methylnaphthalene	5.2 U	0.7	5.7 U	5.3 U	5.1 U	5.3 U	5.1 U	5.4 U	5.6 U	5.3 U
naphthalene	1.3 J	1.7 J	5.7 U	2.6 J	2 J	2 J	5.1 U	5.4 U	5.6 U	1.6 J
phenanthrene	5.6	4.7 J	3.3 J	11	12	11	6.3	29	2.8 J	6.4
pyrene	45	47	33	26	36	29	61	130 J	23 J	22
Pesticides/Polychlorinated Biphenyls (µg/kg)										
Aroclor 1016										
Aroclor 1221										
Aroclor 1232										
Aroclor 1242										
Aroclor 1248										
Aroclor 1254										
Aroclor 1260										
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)										
arsenic										

Table A2-16
AOC 14 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE							
	EBS 103 WW15 0040-WHA-3665 REG 0.5 - 2 7/21/2003 FWEC 2003	EBS 103 WW15 0040-WHA-3666 REG 2 - 4 7/21/2003 FWEC 2003	EBS 103 WW15 0040-WHA-3667 REG 4 - 8 7/21/2003 FWEC 2003	EBS 103 WW15 0040-WHA-3668 FD 0 - 0.5 7/21/2003 FWEC 2003	EBS 103 WW16 0040-WHA-3660 REG 0 - 0.5 7/21/2003 FWEC 2003	EBS 103 WW16 0040-WHA-3661 REG 0.5 - 2 7/21/2003 FWEC 2003	EBS 103 WW16 0040-WHA-3662 REG 2 - 4 7/21/2003 FWEC 2003	EBS 103 WW16 0040-WHA-3663 REG 4 - 8 7/21/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)								
acenaphthene	5.2 U	28 J	6.2 J	5.2 U	5.2 U	5.2 U	5,300 J	27 J
acenaphthylene	3.2 J	9.8 J	6.2 UJ	5.2 U	5.2 UJ	5.2 U	5,300 U	4.6 J
anthracene	3.1 J	49	6.2 UJ	2.2 J	2.7 J	5.2 U	5,300 U	27 U
benz(a)anthracene	23	62	6.2 UJ	15	22	6.7	2,900 J	29
benzo(b)fluoranthene	46	54	6.2 UJ	33	42	22	4,300 J	45
benzo(k)fluoranthene	15	60	6.2 UJ	9.8	16	6.3	3,600 J	50
benzo(g,h,i)perylene	59	54	6.2 UJ	27	30	24	5,700	70
benzo(a)pyrene	45	82 J	6.2 J	26	29	20	5,700 J	66 J
chrysene	26	78	6.2 UJ	19	28	7.3	2,500 J	43
dibenz(a,h)anthracene	5.2 U	11 J	6.2 UJ	5.2 U	5.2 U	8.1	5,300 U	12 J
fluoranthene	37	130 J	1.4 J	28	39	8.3	5,400 J	50 J
fluorene	5.2 U	16 J	6.2 UJ	5.2 U	5.2 U	5.2 U	5,300 U	27 U
indeno(1,2,3-cd)pyrene	50 J	43	6.2 UJ	26	28 J	24	4,300 J	53
2-methylnaphthalene	5.2 U	28 U	6.2 UJ	5.2 U	5.2 U	5.2 U	5,300 U	27 U
naphthalene	2.8 J	3.9 J	6.2 UJ	1.7 J	2 J	5.2 U	5,300 U	3.7 J
phenanthrene	10	120	6.2 UJ	9	13	2.5 J	2,200 J	12 J
pyrene	48	190 J	4 J	29	38	11	7,800 J	100 J
Pesticides/Polychlorinated Biphenyls (µg/kg)								
Aroclor 1016								
Aroclor 1221								
Aroclor 1232								
Aroclor 1242								
Aroclor 1248								
Aroclor 1254								
Aroclor 1260								
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)								
arsenic								

Note:
* blank – sample not analyzed for a particular compound

Acronyms and Abbreviations:
BEI – Bechtel Environmental Inc.
bgs – below ground surface
EBS – Environmental Baseline Survey
FD – field duplicate
FWEC – Foster Wheeler Environmental Corporation
ID – identification
IT – International Technology Corporation
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
NA – not analyzed
REG –regular

Data Qualifiers:
J – indicates an estimated value
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value

Table A2-17
AOC 15 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 102 102-001-001 102-0001 REG 0.5 - 1 6/16/1995 IT 2001a	EBS 102 102-001-001 102-0001M REG 0.5 - 1 6/16/1995 IT 2001a	EBS 102 102-001-002 102-0002M REG 1 - 1.5 6/16/1995 IT 2001a	EBS 102 32EDC-5-121 C032CC87 REG 0 - 0.5 5/24/2002 BEI 2003a	EBS 102 32EDC-5-121 C032CC88 REG 0.5 - 2 5/24/2002 BEI 2003a	EBS 102 32EDC-5-121 C032CC89 REG 2 - 4 5/24/2002 BEI 2003a	EBS 102 32EDC-5-121 C032CC90 REG 4 - 8 5/24/2002 BEI 2003a	EBS 102 32EDC-5-122 C032CC91 REG 0 - 0.5 5/31/2002 BEI 2003a	EBS 102 32EDC-5-122 C032CC92 REG 0.5 - 2 5/31/2002 BEI 2003a	EBS 102 32EDC-5-122 C032CC93 REG 2 - 4 5/31/2002 BEI 2003a	EBS 102 32EDC-5-122 C032CC94 REG 4 - 8 5/31/2002 BEI 2003a
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)											
diesel	11000 U	1000 U	1000 U								
motor oil	21000 U	46000	62000								
Semivolatile Organic Compounds (µg/kg)											
acenaphthene				5.3 J	5.5 UJ	5.6 U	5.8 U	5.1 U	11 U	6 J	6.2 U
acenaphthylene				5.5 U	5.5 UJ	5.6 U	5.8 U	2.1 J	20	27 U	6.2 U
anthracene				11	5.5 U	5.6 U	5.8 U	2.8 J	15	26 J	0.64 J
benz(a)anthracene				86	1.7 J	4.8 J	3.5 J	8.7	92	370	6.1 J
benzo(b)fluoranthene				71	2.2 J	8.2	6.6	11	130	470	8
benzo(k)fluoranthene				97	2.9 J	8.4	4.9 J	11	110	400	7.3
benzo(g,h,i)perylene				48	4.3 J	9.2	5.9	21	150	190	5.4 J
benzo(a)pyrene				100	4.4 J	10	8	11	180	430	8.5
chrysene				110	2.2 J	9.5	4.8 J	20	110	430	6.6
dibenz(a,h)anthracene				11	0.47 J	4 J	1.1 J	6.6	25	90	1.7 J
fluoranthene				140	2.5 J	7.9	4.3 J	9	260	550	9.3
fluorene				2.2 J	5.5 UJ	5.6 U	5.8 U	5.1 U	3.5 J	27 U	6.2 U
indeno(1,2,3-cd)pyrene				63	4 J	7.3	6	22	180	300	6.7
2-methylnaphthalene				0.88 J	0.33 J	0.58 J	0.35 J	0.67 J	2.9 J	5 J	6.2 U
naphthalene				1 J	0.38 J	0.47 J	0.74 J	0.55 J	13	4.3 J	0.69 J
phenanthrene				43	0.8 J	2.2 J	1.1 J	3.6 J	66	130	2.2 J
pyrene				160	5.7	11	12	12	300	530	14
Pesticides/Polychlorinated Biphenyls (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table A2-17
AOC 15 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE								
	EBS 102 32EDC-5-132 C032CD35 REG 0 - 0.5 5/28/2002 BEI 2003a	EBS 102 32EDC-5-132 C032CD36 REG 0.5 - 2 5/28/2002 BEI 2003a	EBS 102 32EDC-5-132 C032CD37 REG 2 - 4 5/28/2002 BEI 2003a	EBS 102 32EDC-5-132 C032CD38 REG 4 - 8 5/28/2002 BEI 2003a	EBS 102 32EDC-5-133 C032CD39 REG 0 - 0.5 5/31/2002 BEI 2003a	EBS 102 32EDC-5-133 C032CD40 REG 0.5 - 2 5/31/2002 BEI 2003a	EBS 102 32EDC-5-133 C032CD41 REG 2 - 4 5/31/2002 BEI 2003a	EBS 102 32EDC-5-133 C032CD42 FD 2 - 4 5/31/2002 BEI 2003a	EBS 102 32EDC-5-133 C032CD43 REG 4 - 8 5/31/2002 BEI 2003a
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)									
diesel									
motor oil									
Semivolatile Organic Compounds (µg/kg)									
acenaphthene	14 J	5.4 J	2.4 J	6 UJ	5.3 U	5.2 U	5.2 U	5.3 U	5.9 U
acenaphthylene	4.7 J	5.8 J	1.3 J	6 UJ	5.3 U	5.2 U	5.2 U	5.3 U	2.6 J
anthracene	57	45	6.2 J	0.69 J	5.3 U	5.2 U	5.2 U	5.3 U	4.7 J
benz(a)anthracene	690	160	62 J	2.1 J	2.5 J	26	1.6 J	5.3 U	23
benzo(b)fluoranthene	700 J	340 J	58 J	2.6 J	3.9 J	36	2.1 J	1.8 J	31
benzo(k)fluoranthene	730 J	220 J	86 J	2.9 J	5.3 U	29	5.2 U	5.3 U	25
benzo(g,h,i)perylene	540 J	180 J	50 J	3.6 J	2.6 J	23	2.3 J	2.4 J	44
benzo(a)pyrene	780 J	350 J	82 J	4.1 J	2.4 J	33	5.2 U	5.3 U	41
chrysene	850	430 J	100 J	3.2 J	12	32	3.7 J	3.2 J	29
dibenz(a,h)anthracene	190 J	67 J	16 J	0.95 J	5.3 U	5.7	5.2 U	5.3 U	4.1 J
fluoranthene	950 J	430 J	87 J	3.5 J	1.7 J	28	1.8 J	1.5 J	58
fluorene	12 J	7.5 J	5.5 UJ	6 UJ	5.3 U	5.2 U	5.2 U	5.3 U	1.4 J
indeno(1,2,3-cd)pyrene	590 J	220	39 J	2.5 J	1.1 J	24	1.6 J	1.3 J	38
2-methylnaphthalene	6.5 J	6.2 J	1.2 J	0.78 J	5.3 U	5.2 U	5.2 U	5.3 U	5.9 U
naphthalene	11 J	11 J	1.5 J	0.76 J	5.3 U	5.2 U	5.2 U	5.3 U	2.2 J
phenanthrene	320 J	130 J	24 J	1.8 J	2 J	5.5	5.2 U	5.3 U	33
pyrene	970 J	480 J	110 J	9.9 J	2.9 J	29	2.9 J	2.2 J	76
Pesticides/Polychlorinated Biphenyls (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA

Note:
* blank – sample not analyzed for a particular compound

Acronyms and Abbreviations:
BEI – Bechtel Environmental Inc.
bgs – below ground surface
EBS – Environmental Baseline Survey
FD – field duplicate
ID – identification
IT – International Technology Corporation
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
NA – not analyzed
REG – regular

Data Qualifiers:
J – indicates an estimated value
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value

Table A2-18
AOC 16 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE									
	9.5 32EDC-5-120 C032CC82 REG 0 - 0.5 5/24/2002 BEI 2003a	EBS 103 32EDC-5-120 C032CC83 REG 0.5 - 2 5/24/2002 BEI 2003a	EBS 103 32EDC-5-120 C032CC84 REG 2 - 4 5/24/2002 BEI 2003a	EBS 103 32EDC-5-120 C032CC85 REG 4 - 8 5/24/2002 BEI 2003a	EBS 103 32EDC-5-120 C032CC86 FD 4 - 8 5/24/2002 BEI 2003a	EBS 103 VV11 0040-WHA-3580 REG 0 - 0.5 7/18/2003 FWEC 2003	EBS 103 VV11 0040-WHA-3581 REG 0.5 - 2 7/18/2003 FWEC 2003	EBS 103 VV11 0040-WHA-3582 REG 2 - 4 7/17/2003 FWEC 2003	EBS 103 VV11 0040-WHA-3583 REG 4 - 8 7/17/2003 FWEC 2003	EBS 103 VV11 0040-WHA-3584 FD 4 - 8 7/17/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)										
acenaphthene	5.3	3 J	900	4.8 J	7.4	5.4 U	5.1 U	12	8.2 J	11
acenaphthylene	15	3.8 J	560 U	7.4	11	5.4 U	2.3 J	7.9	10 J	5 J
anthracene	28	9.6 J	2,300	17	25	5.4 U	3 J	45	21	15
benz(a)anthracene	230	96	18,000	150	270	13	42	240	140	99
benzo(b)fluoranthene	250	100	14,000	190	270	27	69	240	140	140
benzo(k)fluoranthene	290	100	14,000	130	300	7.4	24	310	190	150
benzo(g,h,i)perylene	320	100	5,900	140	210	22 J	34 J	200	170	150
benzo(a)pyrene	360	120	15,000	190	350	21 J	45 J	350 J	240 J	190
chrysene	260	100	16,000	150	270	14	46	350	180	210
dibenz(a,h)anthracene	51	20	2,400	35	54	5.4 UJ	5.1 UJ	84	49	52
fluoranthene	480	150 J	23,000	200	400	23	59	380 J	290 J	170
fluorene	3.6 J	1.7 J	420 J	3.8 J	5.1 J	5.4 U	5.1 U	6.2	8.8 J	8.4
indeno(1,2,3-cd)pyrene	310	110	8,500	150	230	21 J	36 J	190	150	110
2-methylnaphthalene	8.1 J	1.7 J	53 J	2.6 J	3.3 J	5.4 U	5.1 U	3.3 J	11 U	5.9
naphthalene	20 J	5.6 J	130 J	8.2	12	3.1 J	2 J	5.9	10 J	14
phenanthrene	86	35 J	6,400	57	79	7.1	5.3	100 J	80	57
pyrene	550	170 J	21,000	240	460	24	71	480 J	350 J	230
Pesticides/Polychlorinated Biphenyls (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
* blank – sample not analyzed for a particular compound

Abbreviations/Acronyms:
BEI – Bechtel Environmental Inc.
bgs – below ground surface
EBS – Environmental Baseline Survey
FD – field duplicate
FWEC – Foster Wheeler Environmental Corporation
ID – identification
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
NA – not analyzed
REG – regular

Data Qualifiers:
J – indicates an estimated value
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value

Table A2-19
AOC 17 Prevous Investigations Data – Soil

	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185
	185-IW-001	185-IW-001	185-IW-002	185-IW-002	185-IW-004	185-IW-004	185-IW-005	B12-10	B12-10	B12-10	B12-10	B12-10
	185I-001	185I-001M	185I-002	185I-002M	185I-005	185I-009	185I-007	B12-10-000	B12-10-000-DUP	B12-10-002	B12-10-008	B12-10-014
	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG
	9 - 9.5	9 - 9.5	9 - 9.5	9 - 9.5	5 - 7	5 - 7	2 - 3	0 - 0.5	0 - 0.5	2 - 3.5	8 - 9	14 - 15.5
	12/9/1994	12/9/1994	12/9/1994	12/9/1994	11/2/1995	11/2/1995	11/3/1995	8/5/1991	8/5/1991	8/5/1991	8/5/1991	8/5/1991
Analyte	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	Shaw 2003a	Shaw 2003a	Shaw 2003a	Shaw 2003a	Shaw 2003a
Volatile Organic Compounds (µg/kg)												
acetone	11 U	*	12 U							12 UJ	47 UJ	41 UJ
benzene	11 U	10 U	12 U	10 U						5.1 U	6.2 U	6.4 U
bromodichloromethane	11 U		12 U							5.1 U	6.2 U	6.4 U
bromoform	11 U		12 U							5.1 U	6.2 U	6.4 U
bromomethane	11 U		12 U							5.1 U	6.2 U	6.4 U
2-butanone	11 U	10 U	12 U	10 U						10 U	12 U	13 U
carbon disulfide	11 U		12 U							5.1 U	6.2 U	6.4 U
carbon tetrachloride	11 U		12 U							5.1 U	6.2 U	6.4 U
chlorobenzene	11 U		12 U							5.1 U	6.2 U	6.4 U
chlorodibromomethane	11 U		12 U							5.1 U	6.2 U	6.4 U
chloroethane	11 U		12 U							5.1 U	6.2 U	6.4 U
chloroform	11 U		12 U							5.1 U	6.2 U	6.4 U
chloromethane	11 U		12 U							5.1 U	6.2 U	6.4 U
1,2-dibromoethane										0.309 U	0.374 U	0.386 U
1,2-dichlorobenzene								410 U		82 U	100 U	100 U
1,3-dichlorobenzene	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
1,4-dichlorobenzene	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
1,1-dichloroethane	11 U		12 U							5.1 U	6.2 U	6.4 U
1,2-dichloroethane	11 U	10 U	12 U	10 U						5.1 U	6.2 U	6.4 U
1,1-dichloroethene	11 U	10 U	12 U	10 U						5.1 U	6.2 U	6.4 U
cis-1,2-dichloroethene		10 U		10 U								
trans-1,2-dichloroethene		10 U		10 U						5.1 U	6.2 U	6.4 U
1,2-dichloroethene	11 U		12 U									
1,2-dichloropropane	11 U		12 U							5.1 U	6.2 U	6.4 U
cis-1,3-dichloropropene	11 U		12 U							5.1 U	6.2 U	6.4 U
trans-1,3-dichloropropene	11 U		12 U							5.1 U	6.2 U	6.4 U
ethylbenzene	11 U	10 U	12 U	10 U						5.1 U	6.2 U	6.4 U
n-hexane		10 U		10 U								
2-hexanone	11 U		12 U							10 U	12 U	13 U
4-methyl-2-pentanone	11 U		12 U							10 U	12 U	13 U
methylene chloride	11 U	10 U	12 U	10 U						5.1 U	7.3 UJ	6.4 U
styrene	11 U		12 U							5.1 U	6.2 U	6.4 U
1,1,2,2-tetrachloroethane	11 U		12 U							5.1 U	6.2 U	6.4 U
tetrachloroethene	11 U	10 U	12 U	10 U						5.1 U	6.2 U	6.4 U
toluene	11 U	10 U	12 U	10 U						5.1 U	6.2 U	6.4 U
1,2,4-trichlorobenzene	1,900 U		380 U		350 U	360 U	350 U					
1,1,1-trichloroethane	11 U	10 U	12 U	10 U						5.1 U	6.2 U	6.4 U
1,1,2-trichloroethane	11 U		12 U							5.1 U	6.2 U	6.4 U
trichloroethene	11 U	10 U	12 U	10 U						5.1 U	6.2 U	6.4 U
vinyl acetate										5.1 U	6.2 U	6.4 U
vinyl chloride	11 U	10 U	12 U	10 U						5.1 U	6.2 U	6.4 U
meta-,para-xylene		10 U		10 U								
o-xylene		10 U		10 U								
xylenes, total	11 U		12 U							5.1 U	6.2 U	6.4 U

Table A2-19
AOC 17 Prevous Investigations Data – Soil

	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185
	185-IW-001	185-IW-001	185-IW-002	185-IW-002	185-IW-004	185-IW-004	185-IW-005	B12-10	B12-10	B12-10	B12-10	B12-10
	185I-001	185I-001M	185I-002	185I-002M	185I-005	185I-009	185I-007	B12-10-000	B12-10-000-DUP	B12-10-002	B12-10-008	B12-10-014
	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG
	9 - 9.5	9 - 9.5	9 - 9.5	9 - 9.5	5 - 7	5 - 7	2 - 3	0 - 0.5	0 - 0.5	2 - 3.5	8 - 9	14 - 15.5
	12/9/1994	12/9/1994	12/9/1994	12/9/1994	11/2/1995	11/2/1995	11/3/1995	8/5/1991	8/5/1991	8/5/1991	8/5/1991	8/5/1991
Analyte	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	Shaw 2003a	Shaw 2003a	Shaw 2003a	Shaw 2003a	Shaw 2003a
Petroleum Hydrocarbons (µg/kg)												
diesel	22,000 U		2,540,000 J		26,000 U	28,000 U	26,000 U					
gasoline	1,600 J		580 U		530 U	560 U	530 U					
motor oil	920,000 J		46,000 U		26,000 U	28,000 U	26,000 U					
petroleum hydrocarbons, total recoverable								20,500,000		29,000 U	35,200 U	36300 U
Semivolatile Organic Compounds (µg/kg)												
acenaphthene								410 U		82 U	100 U	100 U
acenaphthylene								410 U		82 U	100 U	100 U
anthracene								410 U		82 U	100 U	100 U
benz(a)anthracene								800		100 U	120 U	130 U
benzo(b)fluoranthene								730		100 U	120 U	130 U
benzo(k)fluoranthene								520 U		100 U	120 U	130 U
benzoic acid								4,300 U		870 U	1,000 U	1,100 U
benzo(g,h,i)perylene								830 U		160 U	200 U	210 U
benzo(a)pyrene								720 U		140 U	170 U	180 U
benzyl alcohol								720 U		140 U	170 U	180 U
bis(2-chloroethoxy)methane	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
bis(2-chloroethyl)ether	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
bis(2-chloro-1-methylethyl)ether	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
bis(2-ethylhexyl)phthalate	1,900 U		380 UJ		350 U	360 U	350 U	520 U		100 U	120 U	140 UJ
4-bromophenyl phenyl ether	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
butyl benzyl phthalate	1,900 U		380 U		350 U	360 U	350 U	520 U		100 U	120 U	130 U
carbazole	1,900 U		380 U		350 U	360 U	350 U					
4-chloroaniline	1,900 U		380 U		350 U	360 U	350 U	1,500 U		310 U	370 U	390 U
4-chloro-3-methylphenol	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
2-chloronaphthalene	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
2-chlorophenol	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
4-chlorophenyl phenyl ether	1,900 U		380 U		350 U	360 U	350 U	520 U		100 U	120 U	130 U
chrysene								930		100 U	120 U	130 U
dibenz(a,h)anthracene								830 U		160 U	200 U	210 U
di-n-butyl phthalate	1,900 U		40 J		350 U	360 U	350 U	410 U		82 U	100 U	100 U
dibenzofuran	1,900 U		380 U		350 U	360 U	350 U	620 U		120 U	150 U	150 U
1,2-dichlorobenzene	1,900 U		380 U		350 U	360 U	350 U					
3,3'-dichlorobenzidine	1,900 U		380 U		350 U	360 U	350 U	2,600 U		510 U	620 U	640 U
2,4-dichlorophenol	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
diethyl phthalate	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
2,4-dimethylphenol	1,900 U		380 U		350 U	360 U	350 U	2,600 U		510 U	620 U	640 U
dimethyl phthalate	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
4,6-dinitro-2-methylphenol	4,600 U		930 U		850 U	880 U	850 U	5,200 U		1,000 U	1,200 U	1,300 U
2,4-dinitrophenol	4,600 U		930 U		850 U	880 U	850 U	7,200 U		1,400 U	1,700 U	1,800 U
2,4-dinitrotoluene	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
2,6-dinitrotoluene	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
di-n-octyl phthalate	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U

Table A2-19
AOC 17 Prevous Investigations Data – Soil

	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185
	185-IW-001	185-IW-001	185-IW-002	185-IW-002	185-IW-004	185-IW-004	185-IW-005	B12-10	B12-10	B12-10	B12-10	B12-10
	185I-001	185I-001M	185I-002	185I-002M	185I-005	185I-009	185I-007	B12-10-000	B12-10-000-DUP	B12-10-002	B12-10-008	B12-10-014
	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG
	9 - 9.5	9 - 9.5	9 - 9.5	9 - 9.5	5 - 7	5 - 7	2 - 3	0 - 0.5	0 - 0.5	2 - 3.5	8 - 9	14 - 15.5
	12/9/1994	12/9/1994	12/9/1994	12/9/1994	11/2/1995	11/2/1995	11/3/1995	8/5/1991	8/5/1991	8/5/1991	8/5/1991	8/5/1991
Analyte	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	Shaw 2003a	Shaw 2003a	Shaw 2003a	Shaw 2003a	Shaw 2003a
Semivolatile Organic Compounds (µg/kg) (continued)												
fluoranthene								890		82 U	100 U	100 U
fluorene								410 U		82 U	100 U	100 U
hexachlorobenzene	1,900 U		380 U		350 U	360 U	350 U	520 U		100 U	120 U	130 U
hexachlorobutadiene	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
hexachlorocyclopentadiene	1,900 U		380 U		350 U	360 U	350 U	5,200 U		1,000 U	1,200 U	1,300 U
hexachloroethane	1,900 U		380 U		350 U	360 U	350 U	520 U		100 U	120 U	130 U
indeno(1,2,3-cd)pyrene								830 U		160 U	200 U	210 U
isophorone	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
2-methylnaphthalene								920		100 U	120 U	130 U
2-methylphenol	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
4-methylphenol	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
naphthalene								1000		82 U	100 U	100 U
2-nitroaniline	4,600 U		930 U		850 U	880 U	850 U	830 U		160 U	200 U	210 U
3-nitroaniline	4,600 U		930 U		850 U	880 U	850 U	1,500 U		310 U	370 U	390 U
4-nitroaniline	4,600 U		930 U		850 U	880 U	850 U	830 U		160 U	200 U	210 U
nitrobenzene	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
2-nitrophenol	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
4-nitrophenol	4,600 U		930 U		850 U	880 U	850 U	2,600 U		510 U	620 U	640 U
N-nitrosodiphenylamine	1,900 U		380 U		350 U	360 U	350 U	410 U		82 U	100 U	100 U
N-nitroso-di-n-propylamine	1,900 U		380 U		350 U	360 U	350 U	520 U		100 U	120 U	130 U
pentachlorophenol	4,600 U		930 U		850 U	880 U	850 U	2,600 U		510 U	620 U	640 U
phenanthrene								1500		82 U	100 U	100 U
phenol	1,900 U		380 U		350 U	360 U	350 U	720 U		140 U	170 U	180 U
pyrene								1100		82 U	100 U	100 U
1,2,4-trichlorobenzene								520 U		100 U	120 U	130 U
2,4,5-trichlorophenol	4,600 U		930 U		850 U	880 U	850 U	1,500 U		310 U	370 U	390 U
2,4,6-trichlorophenol	1,900 U		380 U		350 U	360 U	350 U	1,500 U		310 U	370 U	390 U
Pesticides/Polychlorinated Biphenyls (µg/kg)												
aldrin	3.9 U		2 U					3.44 U		3.43 U	4.16 U	4.29 U
Aroclor1016	76 U		38 U					34.4 U	34.5 U	34.3 U	41.6 U	42.9 U
Aroclor1221	150 U		78 U					34 U	34 U	34 U	42 U	43 U
Aroclor1232	76 U		38 U					34 U	34 U	34 U	42 U	43 U
Aroclor1242	76 U		38 U					34 U	34 U	34 U	42 U	43 U
Aroclor1248	76 U		38 U					34 U	34 U	34 U	42 U	43 U
Aroclor1254	76 U		38 U					34 U	34 U	34 U	42 U	43 U
Aroclor1260	76 U		38 U					34 U	34 U	34 U	42 U	43 U
azinphos-methyl	230 U		190 U									
alpha-BHC	3.9 UJ		2 U					1.72 U		1.72 U	2.08 U	2.15 U
beta-BHC	3.9 UJ		2 U					3.44 U		3.43 U	4.16 U	4.29 U
delta-BHC	3.9 U		2 U					3.44 U		3.43 U	4.16 U	4.29 U
gamma-BHC (lindane)	3.9 UJ		2 U					1.72 U		1.72 U	2.08 U	2.15 U
alpha-chlordane	3.9 U		2 U					3.44 U		3.43 U	4.16 U	4.29 U
gamma-chlordane	3.9 U		2 U					3.44 U		3.43 U	4.16 U	4.29 U

Table A2-19
AOC 17 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 185 185-IW-001 185I-001 REG 9 - 9.5 12/9/1994 IT 2001a	EBS 185 185-IW-001 185I-001M REG 9 - 9.5 12/9/1994 IT 2001a	EBS 185 185-IW-002 185I-002 REG 9 - 9.5 12/9/1994 IT 2001a	EBS 185 185-IW-002 185I-002M REG 9 - 9.5 12/9/1994 IT 2001a	EBS 185 185-IW-004 185I-005 REG 5 - 7 11/2/1995 IT 2001a	EBS 185 185-IW-004 185I-009 FD 5 - 7 11/2/1995 IT 2001a	EBS 185 185-IW-005 185I-007 REG 2 - 3 11/3/1995 IT 2001a	EBS 185 B12-10 B12-10-000 REG 0 - 0.5 8/5/1991 Shaw 2003a	EBS 185 B12-10 B12-10-000-DUP REG 0 - 0.5 8/5/1991 Shaw 2003a	EBS 185 B12-10 B12-10-002 REG 2 - 3.5 8/5/1991 Shaw 2003a	EBS 185 B12-10 B12-10-008 REG 8 - 9 8/5/1991 Shaw 2003a	EBS 185 B12-10 B12-10-014 REG 14 - 15.5 8/5/1991 Shaw 2003a
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)												
4,4'-DDD	7.6 U		3.8 U					6.88 U		6.87 U	8.31 U	8.58 U
4,4'-DDE	7.6 U		3.8 U					3.44 U		3.43 U	4.16 U	4.29 U
4,4'-DDT	7.6 U		3.8 U					6.88 U		6.87 U	8.31 U	8.58 U
demeton (demeton o + demeton s)	230 U		190 U									
diazinon	230 U		190 U									
dieldrin	7.6 U		3.8 U					3.44 U		3.43 U	4.16 U	4.29 U
disulfoton	230 U		190 U									
endosulfan I	3.9 U		2 U					3.44 U		3.43 U	4.16 U	4.29 U
endosulfan II	7.6 U		3.8 U					6.88 U		6.87 U	8.31 U	8.58 U
endosulfan sulfate	7.6 U		3.8 U					6.88 U		6.87 U	8.31 U	8.58 U
endrin	7.6 U		3.8 U					3.44 U		3.43 U	4.16 U	4.29 U
endrin aldehyde	7.6 U		3.8 U									
endrin ketone	7.6 U		3.8 U					6.88 U		6.87 U	8.31 U	8.58 U
ethion	230 U		190 U									
ethyl parathion	230 U		190 U									
heptachlor	3.9 U		2 U					3.44 U		3.43 U	4.16 U	4.29 U
heptachlor epoxide	3.9 U		2 U					3.44 U		3.43 U	4.16 U	4.29 U
malathion	230 U		190 U									
methoxychlor	39 U		20 U					34.4 U		34.3 U	41.6 U	42.9 U
methyl parathion	230 U		190 U									
toxaphene	390 U		200 U					68.8 U		68.7 U	83.1 U	85.8 U
Herbicides (µg/kg)												
2,4'-DB	2,300 U		116 U									
dalapon	2,300 U		116 U									
dicamba	2,300 U		116 U									
dichlorophenoxyacetic acid	2,300 U		116 U									
dichloroprop	2,300 U		116 U									
dinoseb	2,300 U		116 U									
MCPA	115,000 U		5,810 U									
MCPP	115,000 U		5,810 U									
2,4,5-T	2,300 U		116 U									
2,4,5-TP	2,300 U		116 U									
Organotins (mg/kg)												
dibutyltin	0.001 UJ		0.001 UJ									
monobutyltin	0.001 UJ		0.001 UJ									
tetrabutyltin	0.001 UJ		0.001 UJ									
tributyltin	0.001 UJ		0.001 UJ									

Table A2-19
AOC 17 Prevous Investigations Data – Soil

	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185
	185-IW-001	185-IW-001	185-IW-002	185-IW-002	185-IW-004	185-IW-004	185-IW-005	B12-10	B12-10	B12-10	B12-10	B12-10
	185I-001	185I-001M	185I-002	185I-002M	185I-005	185I-009	185I-007	B12-10-000	B12-10-000-DUP	B12-10-002	B12-10-008	B12-10-014
	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG
	9 - 9.5	9 - 9.5	9 - 9.5	9 - 9.5	5 - 7	5 - 7	2 - 3	0 - 0.5	0 - 0.5	2 - 3.5	8 - 9	14 - 15.5
	12/9/1994	12/9/1994	12/9/1994	12/9/1994	11/2/1995	11/2/1995	11/3/1995	8/5/1991	8/5/1991	8/5/1991	8/5/1991	8/5/1991
Analyte	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	Shaw 2003a	Shaw 2003a	Shaw 2003a	Shaw 2003a	Shaw 2003a
Metals (mg/kg)												
aluminum	10,800 J		5,490 J		4,230	4,340	3,800	9,220 J		3,900 J	6,590 J	14,500 J
antimony	0.73 UJ	25 U	0.74 UJ	25 U	0.77 U	0.81 U	0.77 U	4.9 J		3.1 J	4.8 J	6.8 J
arsenic	1.2		2.8		1.4 U	1.5 U	1.4 U	2.1		1.36	1.93	4.02
barium	53.8		50.7		33.3	37	28.2	77.6 J		17.8 J	40.4 J	27 J
beryllium	0.9	25 U	0.57 J	25 U	0.23 U	0.26 U	0.26 U	0.385		0.379	0.673	0.641
cadmium	0.11	25 U	0.31	25 U	0.49 U	0.52 U	0.49 U	0.285 U		0.275 U	0.344 U	0.358 U
calcium	4,330 J		7,850 J		1,960	1,840	1,990	3,640 J		1,850 J	2720 J	3370 J
chromium	17.7	25 U	39.5	25 U	30.6	26.7	27.6	35.1		30.1	38.3	48.8
cobalt	8		6.1		4.1	4.2	4.3	9.92		4.61	5.95	9.54
copper	19.9	25 U	12	25 U	6.6	6.3	6.1	23.1		4.51	6.63	13
iron	17,300		11,100		8,260	8,170	7,900	17,800 J		7,440 J	10,300 J	19,000 J
lead	7.9	25 U	3.1	25 U	1.6	1.6	2.1	19.4 J		2.24 J	2.81 J	3.73 J
lead, tetraethyl	0.57 U		0.58 U									
magnesium	5,870		3,910		2,410	2,360	1,970	7,990 J		1,990 J	3,090 J	6,770 J
manganese	328 J		350 J		94.8	76.6	77.4	421 J		82.5 J	118 J	274 J
mercury	0.17 U	25 U	0.18 U	25 U	0.05 U	0.06 U	0.05 U	0.108 J		0.101 UJ	0.12 UJ	0.124 UJ
molybdenum	2.8 U		2.9 U		1.5 U	1.6 U	1.5 U					
nickel	27.7	38	33.3	29	26.1	26.4	20.7	49.3 J		23.4 J	33.5 J	43 J
potassium	908		739		818	513	512	853		571	1,140	2,300
selenium	0.66 U		0.67 U		0.55 U	0.6 U	0.94 U	0.216 UJ		0.206 UJ	0.262 UJ	0.261 UJ
silver	0.33	25 U	0.58	25 U	1.3 U	1.4 U	1.3 U	0.557		0.551	0.9	1.09
sodium	448		518		155	202	241	623		377	658	1,460
thallium	0.53		0.52 UJ		0.11 UJ	0.11 UJ	0.11 UJ	0.278 U		0.265 U	0.337 U	0.335 U
vanadium	36.3		23.8		17.6	16.7	16.8	34.6		19	27.4	42.4
zinc	38.4	27	34.4	25 U	18.2 J	18.1 J	17.1 J	34.6		16.1	23.4	41.8

Notes:
* blank – sample not analyzed for a particular compound

Acronyms/Abbreviations:
bgs – below ground surface
EBS – Environmental Baseline Survey
FD – field duplicate
ID – identification
IT – International Technology Corporation
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
NA – not analyzed
REG – regular

Data Qualifiers:
J – indicates an estimated value
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value

Table A2-20
AOC 17 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/ SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE	
	EBS 185 185-IW-004 185I-006 REG 9 - 10 11/2/1995 IT 2001a	EBS 185 185-IW-005 185I-008 REG 10 - 10 11/3/1995 IT 2001a
Volatile Organic Compounds (µg/L)	NA	NA
Petroleum Hydrocarbons (µg/L)		
diesel	100 U	100 U
gasoline	50 UJ	50 UJ
motor oil	200 U	200 U
Semivolatile Organic Compounds (µg/L)		
acenaphthene	10 U	10 U
acenaphthylene	10 U	10 U
anthracene	10 U	10 U
benz(a)anthracene	10 U	10 U
benzo(b)fluoranthene	10 U	10 U
benzo(k)fluoranthene	10 U	10 U
benzo(g,h,i)perylene	10 U	10 U
benzo(a)pyrene	10 U	10 U
bis(2-chloroethoxy)methane	10 U	10 U
bis(2-chloroethyl)ether	10 U	10 U
bis(2-chloro-1-methylethyl)ether	10 U	10 U
bis(2-ethylhexyl)phthalate	10 U	10 U
4-bromophenyl phenyl ether	10 U	10 U
butyl benzyl phthalate	10 U	10 U
carbazole	10 U	10 U
4-chloroaniline	10 U	10 U
4-chloro-3-methylphenol	10 U	10 U
2-chloronaphthalene	10 U	10 U
2-chlorophenol	10 U	10 U
4-chlorophenyl phenyl ether	10 U	10 U
chrysene	10 U	10 U
dibenz(a,h)anthracene	10 U	10 U
di-n-butyl phthalate	10 U	10 U
dibenzofuran	10 U	10 U
1,2-dichlorobenzene	10 U	10 U
1,3-dichlorobenzene	10 U	10 U
1,4-dichlorobenzene	10 U	10 U
3,3'-dichlorobenzidine	10 U	10 U
2,4-dichlorophenol	10 U	10 U
diethyl phthalate	10 U	10 U
2,4-dimethylphenol	10 U	10 U
dimethyl phthalate	10 U	10 U
4,6-dinitro-2-methylphenol	25 U	25 U

Table A2-20
AOC 17 Previous Investigations Data -- Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/ SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE	
	EBS 185 185-IW-004 185I-006 REG 9 - 10 11/2/1995 IT 2001a	EBS 185 185-IW-005 185I-008 REG 10 - 10 11/3/1995 IT 2001a
Semivolatile Organic Compounds (µg/L) (continued)		
2,4-dinitrophenol	25 U	25 U
2,4-dinitrotoluene	10 U	10 U
2,6-dinitrotoluene	10 U	10 U
di-n-octyl phthalate	10 U	10 U
fluoranthene	10 U	10 U
fluorene	10 U	10 U
hexachlorobenzene	10 U	10 U
hexachlorobutadiene	10 U	10 U
hexachlorocyclopentadiene	10 U	10 U
hexachloroethane	10 U	10 U
indeno(1,2,3-cd)pyrene	10 U	10 U
isophorone	10 U	10 U
2-methylnaphthalene	10 U	10 U
2-methylphenol	10 U	10 U
4-methylphenol	10 U	10 U
naphthalene	10 U	10 U
2-nitroaniline	25 U	25 U
3-nitroaniline	25 U	25 U
4-nitroaniline	25 U	25 U
nitrobenzene	10 U	10 U
2-nitrophenol	10 U	10 U
4-nitrophenol	25 U	25 U
N-nitrosodiphenylamine	10 U	10 U
N-nitroso-di-n-propylamine	10 U	10 U
pentachlorophenol	25 U	25 U
phenanthrene	10 U	10 U
phenol	10 U	10 U
pyrene	10 U	10 U
1,2,4-trichlorobenzene	10 U	10 U
2,4,5-trichlorophenol	25 U	25 U
2,4,6-trichlorophenol	10 U	10 U
Pesticides/Polychlorinated Biphenyls (µg/L)	NA	NA
Herbicides (µg/L)	NA	NA
Organotins (µg/L)	NA	NA

Table A2-20
AOC 17 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/ SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE	
	EBS 185 185-IW-004 185I-006 REG 9 - 10 11/2/1995 IT 2001a	EBS 185 185-IW-005 185I-008 REG 10 - 10 11/3/1995 IT 2001a
Metals (µg/L)		
aluminum	14,100	45,800
antimony	1.6 U	1.6 U
arsenic	10.7	15.9
barium	81.4	256
beryllium	0.5 U	0.5 U
cadmium	2.1 U	2.1 U
calcium	4,030	10,700
chromium	51.9	173
cobalt	16.8	34.2
copper	20.5	72.5
iron	19,000	64,900
lead	4	15
magnesium	5,690	17,000
manganese	180	679
mercury	0.2 U	0.2 U
molybdenum	5.8	3.4 U
nickel	60.4	208
potassium	10,700	13,600
selenium	2.1 U	2.1 U
silver	1.5 U	1.5 U
sodium	145,000	49,800
thallium	1.2 UJ	1.2 UJ
vanadium	38.6	124
zinc	32.6	115

Note:
* blank – sample not analyzed for a particular compound

Acronyms/Abbreviations:
bgs – below ground surface
EBS – Environmental Baseline Survey
ID – identification
IT – International Technology Corporation
µg/L – micrograms per liter
NA – not analyzed
REG – regular

Data Qualifiers:
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value

Table A2-21
AOC 18 Prevous Investigations Data – Soil

	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE												
	EBS 070 070-002-003 070-0003M REG 0 - 0.5 3/27/1995	EBS 070 070-002-004 070-0004 REG 0 - 0.5 3/27/1995	EBS 070 070-002-004 070-0004M REG 0 - 0.5 3/27/1995	EBS 070 070-003-022 070-0022M REG 3 - 3.5 3/27/1995	EBS 070 070-003-023 070-0023M REG 3 - 3.5 3/27/1995	EBS 070 070-003-024 070-0035 REG 3 - 3.5 3/27/1995	EBS 070 070-003-025 070-0036 REG 3 - 3.5 3/27/1995	EBS 070 32EDC-5-24 C032C860 REG 0 - 0.5 5/21/2002	EBS 070 32EDC-5-24 C032C861 REG 0.5 - 2 5/21/2002	EBS 070 32EDC-5-24 C032C862 REG 2 - 4 5/21/2002	EBS 070 32EDC-5-24 C032C863 REG 4 - 8 5/21/2002	EBS 070 PA02-08 030-CAP-282 REG 2 - 3 5/3/2000	EBS 070 PA02-08 030-CAP-283 REG 6 - 7 5/3/2000
Analyte	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	IT 2001a	BEI 2003a	BEI 2003a	BEI 2003a	BEI 2003a	TtEMI 2003	TtEMI 2003
Volatile Organic Compounds (µg/kg)													
acetone	*			24 U	24 U	12 UJ	12 UJ						
benzene				6 U	5.9 U	12 U	12 U					10 U	10 U
bromodichloromethane				6 U	5.9 U	12 U	12 U					10 U	10 U
bromoform				6 U	5.9 U	12 U	12 U					10 U	10 U
bromomethane				12 U	12 U	12 U	12 U					10 U	10 U
2-butanone				12 U	12 U	12 UJ	12 UJ						
carbon disulfide				6 U	5.9 U	12 U	12 U						
carbon tetrachloride				6 U	5.9 U	12 U	12 U					10 U	10 U
chlorobenzene				6 U	5.9 U	12 U	12 U					10 U	10 U
chlorodibromomethane				6 U	5.9 U	12 U	12 U					10 U	10 U
chloroethane				12 U	12 U	12 U	12 U					10 U	10 U
chloroform				6 U	5.9 U	12 U	12 U					10 U	10 U
chloromethane				12 U	12 U	12 U	12 U					10 U	10 U
1,1-dichloroethane				6 U	5.9 U	12 U	12 U					10 U	10 U
1,2-dichloroethane				6 U	5.9 U	12 U	12 U					10 U	10 U
1,1-dichloroethene				6 U	5.9 U	12 U	12 U					10 U	10 U
cis-1,2-dichloroethene				6 U	5.9 U							10 U	10 U
trans-1,2-dichloroethene				6 U	5.9 U							10 U	10 U
1,2-dichloroethene						12 U	12 U						
1,2-dichloropropane				6 U	5.9 U	12 U	12 U					10 U	10 U
cis-1,3-dichloropropene				6 U	5.9 U	12 U	12 U					10 U	10 U
trans-1,3-dichloropropene				6 U	5.9 U	12 U	12 U					10 U	10 U
ethylbenzene				6 U	5.9 U	12 U	12 U					10 U	10 U
n-hexane				6 U	5.9 U								
2-hexanone				12 U	12 U	12 UJ	12 UJ						
4-methyl-2-pentanone				12 U	12 U	12 UJ	12 UJ						
methyl tert-butyl ether												10 U	10 U
methylene chloride				24 U	24 U	12 U	12 U					10 U	10 U
styrene				6 U	5.9 U	12 U	12 U					10 U	10 U
1,1,1,2-tetrachloroethane													
1,1,2,2-tetrachloroethane				6 U	5.9 U	12 U	12 U					10 U	10 U
tetrachloroethene				6 U	5.9 U	12 U	12 U					10 U	10 U
toluene				6 U	5.9 U	12 U	12 U					10 U	10 U
1,1,1-trichloroethane				6 U	5.9 U	12 U	12 U					10 U	10 U
1,1,2-trichloroethane				6 U	5.9 U	12 U	12 U					10 U	10 U
trichloroethene				6 U	5.9 U	12 U	12 U					10 U	10 U
trichlorofluoromethane				6 U	5.9 U								
1,2,4-trimethylbenzene												10 U	10 U
1,3,5-trimethylbenzene												10 U	10 U
vinyl acetate				60 U	59 U								
vinyl chloride				12 U	12 U	12 U	12 U					10 U	10 U
meta-,para-xylene				6 U	5.9 U								
o-xylene				6 U	5.9 U								
xylenes, total						12 U	12 U					10 U	10 U

Table A2-21
AOC 18 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE												
	EBS 070 070-002-003 070-0003M REG 0 - 0.5 3/27/1995 IT 2001a	EBS 070 070-002-004 070-0004 REG 0 - 0.5 3/27/1995 IT 2001a	EBS 070 070-002-004 070-0004M REG 0 - 0.5 3/27/1995 IT 2001a	EBS 070 070-003-022 070-0022M REG 3 - 3.5 3/27/1995 IT 2001a	EBS 070 070-003-023 070-0023M REG 3 - 3.5 3/27/1995 IT 2001a	EBS 070 070-003-024 070-0035 REG 3 - 3.5 3/27/1995 IT 2001a	EBS 070 070-003-025 070-0036 REG 3 - 3.5 3/27/1995 IT 2001a	EBS 070 32EDC-5-24 C032C860 REG 0 - 0.5 5/21/2002 BEI 2003a	EBS 070 32EDC-5-24 C032C861 REG 0.5 - 2 5/21/2002 BEI 2003a	EBS 070 32EDC-5-24 C032C862 REG 2 - 4 5/21/2002 BEI 2003a	EBS 070 32EDC-5-24 C032C863 REG 4 - 8 5/21/2002 BEI 2003a	EBS 070 PA02-08 030-CAP-282 REG 2 - 3 5/3/2000 TtEMI 2003	EBS 070 PA02-08 030-CAP-283 REG 6 - 7 5/3/2000 TtEMI 2003
Petroleum Hydrocarbons (µg/kg)													
diesel	14,000	11,000 U	45,000									10000 U	10000 U
gasoline	550 U	500 U	530 U									500 UJ	500 U
JP-5												10000 U	10000 U
motor oil	400,000	38,000 J	350,000									250000 U	250000 U
Semivolatile Organic Compounds (µg/kg)													
acenaphthene								5.4 UJ	5.4 UJ	5.3 UJ	5.6 UJ		
acenaphthylene								5.4 UJ	5.4 UJ	5.3 UJ	5.6 UJ		
anthracene								0.96 J	5.4 UJ	0.46 J	5.6 UJ		
benz(a)anthracene								1.5 J	0.56 J	5.5 J	5.6 UJ		
benzo(b)fluoranthene								1.7 J	0.78 J	6.3 J	5.6 UJ		
benzo(k)fluoranthene								1.3 J	0.48 J	4.9 J	5.6 UJ		
benzo(g,h,i)perylene								5.4 UJ	5.4 UJ	5.3 UJ	5.6 UJ		
benzo(a)pyrene								5.4 UJ	5.4 UJ	7.9 J	5.6 UJ		
chrysene								4.5 J	1.2 J	13 J	5.6 UJ		
dibenz(a,h)anthracene								5.4 UJ	5.4 UJ	5.3 UJ	5.6 UJ		
fluoranthene								6.9 J	0.6 J	8.2 J	5.6 UJ		
fluorene								5.4 UJ	5.4 UJ	5.3 UJ	5.6 UJ		
indeno(1,2,3-cd)pyrene								5.4 UJ	5.4 UJ	5.3 UJ	5.6 UJ		
2-methylnaphthalene								5.4 UJ	5.4 UJ	5.3 UJ	5.6 UJ		
naphthalene								5.4 UJ	5.4 UJ	5.3 UJ	5.6 UJ		
phenanthrene								2.4 J	5.4 UJ	1.7 J	5.6 UJ		
pyrene								5.7 J	0.65 J	7.4 J	5.6 UJ		
Pesticides/Polychlorinated Biphenyls (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)													
lead												11 U	12 U

Notes:
* blank – sample not analyzed for a particular compound

Acronyms/Abbreviations:
BEI – Bechtel Environmental Inc.
bgs – below ground surface
EBS – Environmental Baseline Survey
ID – identification
IT – International Technology Corporation
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
µg/L - micrograms per liter
NA – not analyzed
REG – regular

Data Qualifiers:
J – indicates an estimated value
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value

Table A2-22
AOC 18 Prevous Investigations Data – Water
(in micrograms per liter)

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/ SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE EBS 070 PA02-08 030-CAP-301 REG 0 - 10 5/3/2000 TtEMI 2003
Volatile Organic Compounds	
acetone	
benzene	0.5 U
bromodichloromethane	1 U
bromoform	1 U
bromomethane	5 U
2-butanone	*
carbon disulfide	
carbon tetrachloride	1 U
chlorobenzene	1 U
chlorodibromomethane	1 U
chloroethane	5 U
chloroform	1 U
chloromethane	5 U
1,1-dichloroethane	1 U
1,2-dichloroethane	1 U
1,1-dichloroethene	1 U
cis-1,2-dichloroethene	1.1
trans-1,2-dichloroethene	1 U
1,2-dichloroethene	
1,2-dichloropropane	1 U
cis-1,3-dichloropropene	1 U
trans-1,3-dichloropropene	1 U
ethylbenzene	1 U
n-hexane	
2-hexanone	
4-methyl-2-pentanone	
methyl tert-butyl ether	2 U
methylene chloride	5 U
styrene	1 U
1,1,1,2-tetrachloroethane	
1,1,2,2-tetrachloroethane	1 U
tetrachloroethene	1 U
toluene	1 U
1,1,1-trichloroethane	1 U
1,1,2-trichloroethane	1 U
trichloroethene	1.3 UJ
trichlorofluoromethane	
1,2,4-trimethylbenzene	1 U

Table A2-22
AOC 18 Prevous Investigations Data – Water
(in micrograms per liter)

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/ SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE EBS 070 PA02-08 030-CAP-301 REG 0 - 10 5/3/2000 TtEMI 2003
Volatile Organic Compounds (continued)	
1,3,5-trimethylbenzene	1 U
vinyl acetate	
vinyl chloride	0.5 U
m,p-xylene	
o-xylene	
xylenes, total	1 U
Petroleum Hydrocarbons	
diesel	100 U
gasoline	50 U
JP-5	100 U
motor oil	500 U
Semivolatile Organic Compounds	
acenaphthene	
acenaphthylene	
anthracene	
benz(a)anthracene	
benzo(b)fluoranthene	
benzo(k)fluoranthene	
benzo(g,h,i)perylene	
benzo(a)pyrene	
chrysene	
dibenz(a,h)anthracene	
fluoranthene	
fluorene	
indeno(1,2,3-cd)pyrene	
2-methylnaphthalene	
naphthalene	
phenanthrene	
pyrene	
Pesticides/Polychlorinated Biphenyls	NA
Herbicides	NA
Organotins	NA
Metals	
lead	3 U

Table A2-22
AOC 18 Prevous Investigations Data – Water
(in micrograms per liter)

Notes:
* blank – sample not analyzed for a particular compound

Acronyms/Abbreviations:
bgs – below ground surface
EBS – Environmental Baseline Survey
ID – identification
JP-5 – jet propellant grade 5
REG – regular
TtEMI - Tetra Tech EM Inc.

Review Qualifiers:
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value

Table A2-23
AOC 19 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE												
	EBS 195 195-002-003 195-0003 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-003 195-0023 FD 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-004 195-0004 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-005 195-0005 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-IW-001 195I-001 REG 7 - 7.5 1/3/1995 IT 2001a	EBS 195 195-IW-001 195I-001M REG 7 - 7.5 1/3/1995 IT 2001a	EBS 195 195-IW-002 195I-002 REG 8.5 - 9 12/13/1994 IT 2001a	EBS 195 195-IW-002 195I-002M REG 8.5 - 9 12/13/1994 IT 2001a	EBS 195 195-IW-003 195I-003 REG 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-003M REG 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-004 FD 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-004M FD 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-SN-003 195S-003 REG 6.5 - 7 2/22/1995 IT 2001a
Volatile Organic Compounds (µg/kg)													
acetone	*				11 U		6 J		12 U		12 U		
benzene					11 U	10 U	12 U	10 U	12 U	10 U	12 U	10 U	
bromodichloromethane					11 U		12 U		12 U		12 U		
bromoform					11 U		12 U		12 U		12 U		
bromomethane					11 U		12 U		12 U		12 U		
2-butanone					11 U	10 U	12 UJ	10 U	12 U	10 U	12 U	10 U	
carbon disulfide					11 U		12 U		12 U		12 U		
carbon tetrachloride					11 U		12 U		12 U		12 U		
chlorobenzene					11 U		12 U		12 U		12 U		
chlorodibromomethane					11 U		12 U		12 U		12 U		
chloroethane					11 U		12 U		12 U		12 U		
chloroform					11 U		12 U		12 U		12 U		
chloromethane					11 U		12 U		12 U		12 U		
1,3-dichlorobenzene					370 U		390 U		390 U		400 U		400 U
1,4-dichlorobenzene					370 U		390 U		390 U		400 U		400 U
1,1-dichloroethane					11 U		12 U		12 U		12 U		
1,2-dichloroethane					11 U	10 U	12 U	10 U	12 U	10 U	12 U	10 U	
1,1-dichloroethene					11 U	10 U	12 U	10 U	12 U	10 U	12 U	10 U	
cis-1,2-dichloroethene						10 U		10 U		10 U		10 U	
trans-1,2-dichloroethene						10 U		10 U		10 U		10 U	
1,2-dichloroethene					11 U		12 U		12 U		12 U		
1,2-dichloropropane					11 U		12 U		12 U		12 U		
cis-1,3-dichloropropene					11 U		12 U		12 U		12 U		
trans-1,3-dichloropropene					11 U		12 U		12 U		12 U		
ethylbenzene					11 U	10 U	12 U	10 U	12 U	10 U	12 U	10 U	
n-hexane						30 U		10 U		20 U		20 U	
2-hexanone					11 U		12 U		12 U		12 U		
4-methyl-2-pentanone					11 U		12 U		12 U		12 U		
methylene chloride					11 U	10 U	12 U	10 U	12 U	10 U	12 U	10 U	
styrene					11 U		12 U		12 U		12 U		
1,1,2,2-tetrachloroethane					11 U		12 U		12 U		12 U		
tetrachloroethene					1 J	10 U	12 U	10 U	12 U	10 U	12 U	10 U	
toluene					11 U	10 U	12 U	10 U	12 U	10 U	12 U	10 U	
1,2,4-trichlorobenzene					20 J		390 U		390 U		400 U		400 U
1,1,1-trichloroethane					11 U	10 U	12 U	10 U	12 U	10 U	12 U	10 U	
1,1,2-trichloroethane					11 U		12 U		12 U		12 U		
trichloroethene					11 U	10 U	12 U	10 U	12 U	10 U	12 U	10 U	
vinyl chloride					11 U	10 U	12 U	10 U	12 U	10 U	12 U	10 U	
meta-,para-xylene						20 U		20 U		20 U		20 U	
o-xylene						10 U		10 U		10 U		10 U	
xylenes, total					11 U		12 U		12 U		12 U		

Table A2-23
AOC 19 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE												
	EBS 195 195-002-003 195-0003 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-003 195-0023 FD 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-004 195-0004 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-005 195-0005 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-IW-001 195I-001 REG 7 - 7.5 1/3/1995 IT 2001a	EBS 195 195-IW-001 195I-001M REG 7 - 7.5 1/3/1995 IT 2001a	EBS 195 195-IW-002 195I-002 REG 8.5 - 9 12/13/1994 IT 2001a	EBS 195 195-IW-002 195I-002M REG 8.5 - 9 12/13/1994 IT 2001a	EBS 195 195-IW-003 195I-003 REG 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-003M REG 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-004 FD 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-004M FD 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-SN-003 195S-003 REG 6.5 - 7 2/22/1995 IT 2001a
Petroleum Hydrocarbons (µg/kg)													
diesel	11,000 U	11,000 U	220,000 U	11,000 U	11,000 U		12,000 U		12,000 U		12,000 U		
gasoline	6,000 J	18,0000 J	3,900,000 J	600 U	560 U		600 U		590 U		600 U		
motor oil	80,0000 J	12,0000 J	7,700,000 J	110,000 J	22,000 U		24,000 U		26,000 J		24,000 U		
Semivolatile Organic Compounds (µg/kg)													
acenaphthene													
acenaphthylene													
anthracene													
benz(a)anthracene													
benzo(b)fluoranthene													
benzo(k)fluoranthene													
benzo(g,h,i)perylene													
benzo(a)pyrene													
bis(2-chloroethoxy)methane					370 U		390 U		390 U		400 U		400 U
bis(2-chloroethyl)ether					370 U		390 U		390 U		400 U		400 U
bis(2-chloro-1-methylethyl)ether					370 U		390 U		390 U		400 U		400 U
bis(2-ethylhexyl)phthalate					19 J		420 U		390 U		630 U		400 U
4-bromophenyl phenyl ether					370 U		390 U		390 U		400 U		400 U
butyl benzyl phthalate					370 U		390 U		390 U		400 U		400 U
carbazole					370 U		390 U		390 U		400 U		400 U
4-chloroaniline					370 U		390 U		390 U		400 U		400 U
4-chloro-3-methylphenol					50 J		390 U		390 U		400 U		400 U
2-chloronaphthalene					370 U		390 U		390 U		400 U		400 U
2-chlorophenol					40 J		390 U		390 U		400 U		400 U
4-chlorophenyl phenyl ether					370 U		390 U		390 U		400 U		400 U
chrysene													
dibenz(a,h)anthracene													
di-n-butyl phthalate					370 U		390 U		390 U		400 U		400 U
dibenzofuran					370 U		390 U		390 U		400 U		400 U
1,2-dichlorobenzene					370 U		390 U		390 U		400 U		400 U
3,3'-dichlorobenzidine					370 U		390 U		390 U		400 U		400 U
2,4-dichlorophenol					370 U		390 U		390 U		400 U		400 U
diethyl phthalate					370 U		1700 U		390 U		400 U		26 J
2,4-dimethylphenol					370 U		390 U		390 U		400 U		400 U
dimethyl phthalate					370 U		390 U		390 U		400 U		400 U
4,6-dinitro-2-methylphenol					890 U		950 U		940 U		960 U		980 U
2,4-dinitrophenol					890 U		950 U		940 U		960 U		980 U
2,4-dinitrotoluene					27 J		390 U		390 U		400 U		400 U
2,6-dinitrotoluene					370 U		390 U		390 U		400 U		400 U
di-n-octyl phthalate					370 U		390 U		390 U		400 U		400 U
fluoranthene													
fluorene													
hexachlorobenzene					370 U		390 U		390 U		400 U		400 U

Table A2-23
AOC 19 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE												
	EBS 195 195-002-003 195-0003 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-003 195-0023 FD 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-004 195-0004 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-005 195-0005 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-IW-001 195I-001 REG 7 - 7.5 1/3/1995 IT 2001a	EBS 195 195-IW-001 195I-001M REG 7 - 7.5 1/3/1995 IT 2001a	EBS 195 195-IW-002 195I-002 REG 8.5 - 9 12/13/1994 IT 2001a	EBS 195 195-IW-002 195I-002M REG 8.5 - 9 12/13/1994 IT 2001a	EBS 195 195-IW-003 195I-003 REG 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-003M REG 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-004 FD 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-004M FD 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-SN-003 195S-003 REG 6.5 - 7 2/22/1995 IT 2001a
Semivolatile Organic Compounds (µg/kg) (continued)													
hexachlorobutadiene					370 U		390 U		390 U		400 U		400 U
hexachlorocyclopentadiene					370 U		390 U		390 U		400 U		400 U
hexachloroethane					370 U		390 U		390 U		400 U		400 U
indeno(1,2,3-cd)pyrene													
isophorone					370 U		390 U		390 U		400 U		400 U
2-methylnaphthalene													
2-methylphenol					370 U		390 U		390 U		400 U		400 U
4-methylphenol					370 U		390 U		390 U		400 U		400 U
naphthalene													
2-nitroaniline					890 U		950 U		940 U		960 U		980 U
3-nitroaniline					890 U		950 U		940 U		960 U		980 U
4-nitroaniline					890 U		950 U		940 U		960 U		980 U
nitrobenzene					370 U		390 U		390 U		400 U		400 U
2-nitrophenol					370 U		390 U		390 U		400 U		400 U
4-nitrophenol					890 U		30 J		940 U		960 U		980 U
N-nitrosodiphenylamine					370 U		390 U		390 U		400 U		400 U
N-nitroso-di-n-propylamine					27 J		390 U		390 U		400 U		400 U
pentachlorophenol					42 J		26 J		940 U		960 U		980 U
phenanthrene													
phenol					370 U		390 U		390 U		400 U		400 U
pyrene													
2,4,5-trichlorophenol					890 U		950 U		940 U		960 U		980 U
2,4,6-trichlorophenol					370 U		390 U		390 U		400 U		400 U
Pesticides/Polychlorinated Biphenyls (µg/kg)													
aldrin					1.9 U		2 U		2 U		2 U		
Aroclor 1016					37 U		39 U		39 U		40 U		
Aroclor 1221					74 U		80 U		79 U		81 U		
Aroclor 1232					37 U		39 U		39 U		40 U		
Aroclor 1242					37 U		39 U		39 U		40 U		
Aroclor 1248					37 U		39 U		39 U		40 U		
Aroclor 1254					37 U		39 U		39 U		40 U		
Aroclor 1260					37 U		39 U		39 U		40 U		
azinphos-methyl					180 U		200 U		190 U		200 U		
alpha-BHC					1.9 U		2 U		2 U		2 U		
beta-BHC					1.9 U		2 U		2 U		2 U		
delta-BHC					1.9 U		2 U		2 U		2 U		
gamma-BHC (lindane)					1.9 U		2 U		2 U		2 U		
alpha-chlordane					1.9 U		2 U		2 U		2 U		
gamma-chlordane					1.9 U		2 U		2 U		2 U		
4,4'-DDD					3.7 U		3.9 U		3.9 U		4 U		
4,4'-DDE					3.7 U		3.9 U		3.9 U		4 U		
4,4'-DDT					3.7 U		3.9 U		3.9 U		4 U		

Table A2-23
AOC 19 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE												
	EBS 195 195-002-003 195-0003 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-003 195-0023 FD 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-004 195-0004 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-005 195-0005 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-IW-001 195I-001 REG 7 - 7.5 1/3/1995 IT 2001a	EBS 195 195-IW-001 195I-001M REG 7 - 7.5 1/3/1995 IT 2001a	EBS 195 195-IW-002 195I-002 REG 8.5 - 9 12/13/1994 IT 2001a	EBS 195 195-IW-002 195I-002M REG 8.5 - 9 12/13/1994 IT 2001a	EBS 195 195-IW-003 195I-003 REG 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-003M REG 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-004 FD 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-004M FD 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-SN-003 195S-003 REG 6.5 - 7 2/22/1995 IT 2001a
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)													
demeton (demeton o + demeton s)					180 U		200 U		190 U		200 U		
diazinon					180 U		200 U		190 U		200 U		
dieldrin					3.7 U		3.9 U		3.9 U		4 U		
disulfoton					180 U		200 U		190 U		200 U		
endosulfan I					1.9 U		2 U		2 U		2 U		
endosulfan II					3.7 U		3.9 U		3.9 U		4 U		
endosulfan sulfate					3.7 U		3.9 U		3.9 U		4 U		
endrin					3.7 U		3.9 U		3.9 U		4 U		
endrin aldehyde					3.7 U		3.9 U		3.9 U		4 U		
endrin ketone					3.7 U		3.9 U		3.9 U		4 U		
ethion					180 U		200 U		190 U		200 U		
ethyl parathion					180 U		200 U		190 U		200 U		
heptachlor					1.9 U		2 U		2 U		2 U		
heptachlor epoxide					1.9 U		2 U		2 U		2 U		
malathion					180 U		200 U		190 U		200 U		
methoxychlor					19 U		20 U		20 U		20 U		
methyl parathion					180 U		200 U		190 U		200 U		
toxaphene					190 U		200 U		200 U		200 U		
Herbicides (µg/kg)													
2,4'-DB					556 U		119 U		118 U		120 U		
dalapon					556 U		119 U		118 U		120 U		
dicamba					556 U		119 U		118 U		120 U		
dichlorophenoxyacetic acid					556 U		119 U		118 U		120 U		
dichloroprop					556 U		119 U		118 U		120 U		
dinoseb					556 U		119 U		118 U		120 U		
MCPA					27,800 U		5,950 U		5,880 U		6,020 U		
MCPP					27,800 U		5,950 U		5,880 U		6,020 U		
2,4,5-T					556 U		119 U		118 U		120 U		
2,4,5-TP					556 U		119 U		118 U		120 U		
Organotins (mg/kg)													
dibutyltin					0.001 UJ		0.001 UJ		0.001 UJ		0.001 UJ		
monobutyltin					0.001 UJ		0.001 UJ		0.001 UJ		0.001 UJ		
tetrabutyltin					0.001 UJ		0.001 UJ		0.001 UJ		0.001 UJ		
tributyltin					0.001 UJ		0.001 UJ		0.001 UJ		0.001 UJ		

Table A2-23
AOC 19 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE												
	EBS 195 195-002-003 195-0003 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-003 195-0023 FD 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-004 195-0004 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-002-005 195-0005 REG 0 - 0.5 3/29/1995 IT 2001a	EBS 195 195-IW-001 195I-001 REG 7 - 7.5 1/3/1995 IT 2001a	EBS 195 195-IW-001 195I-001M REG 7 - 7.5 1/3/1995 IT 2001a	EBS 195 195-IW-002 195I-002 REG 8.5 - 9 12/13/1994 IT 2001a	EBS 195 195-IW-002 195I-002M REG 8.5 - 9 12/13/1994 IT 2001a	EBS 195 195-IW-003 195I-003 REG 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-003M REG 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-004 FD 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-IW-003 195I-004M FD 3.5 - 5 1/30/1995 IT 2001a	EBS 195 195-SN-003 195S-003 REG 6.5 - 7 2/22/1995 IT 2001a
Metals (mg/kg)													
aluminum					4,880 J		4,770 J		4,420 J		3,870 J		
antimony					0.48 UJ	25 U	0.77 UJ	25 U		25 U	0.66 J	25 U	
arsenic					2.1		1.4		1.8		1.7		
barium					32.7		46.1 J		40.2		31.7		
beryllium					1.4	25 U	1.6	25 U	0.18 U	25 U	0.19 U	25 U	
cadmium					0.1	25 U	0.19 U	25 U	0.09 U	25 U	0.09 U	25 U	
calcium					2,100		2,560		2,630		2,150		
chromium					24.7	25 U	28.2 J	25 U	26.6	25 U	23.1	25 U	
cobalt					5.4		4.6		3.8		3.4		
copper					43.3	25 U	16.9 J	25 U	14.1 J	25 U	25.3 J	25 U	
iron					8,740 J		8,050		8,140 J		7,230 J		
lead					6.6 J	25 U	2.2	25 U	2	25 U	1.8	25 U	
lead, tetraethyl					0.55 U		0.6 U		0.59 U		0.6 U		
magnesium					3,210		2,250		2,060 J		1,780 J		
manganese					114		84.4 J		85.9 J		74.8 J		
mercury					0.17 U	25 U	0.18 U	25 U	0.18 U	25 U	0.18 U	25 U	
molybdenum					2.7 U		3 U		2.2 U		2.3 U		
nickel					27.1	39	26	44	27	29	22.4	33	
potassium					808		896		675 J		641 J		
selenium					0.59 U		0.7 U		0.61 U		0.63 U		
silver					0.5 U	25 U	0.33 U	25 U	0.45 UJ	25 U	0.47 UJ	25 U	
sodium					141		485		93.6		79.7		
thallium					3.4		0.54 U		3.2		2.9		
vanadium					22.1		19.3		19.2		17.8		
zinc					56.8	27	36.5	25 U	45.2 J	25 U	98.7 J	25	

Table A2-23
AOC 19 Prevous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE						
	EBS 195 195-SN-003 195S-003M REG 6.5 - 7 2/22/1995 IT 2001a	EBS 195 195-Z11-023 195-0029 REG 2.5 - 4.5 10/9/1995 IT 2001a	EBS 195 195-Z11-023 195-0031 FD 2.5 - 4.5 10/9/1995 IT 2001a	EBS 195 32EDC-5-47 C032C961 REG 0 - 0.5 5/21/2002 BEI 2003a	EBS 195 32EDC-5-47 C032C962 REG 0.5 - 2 5/21/2002 BEI 2003a	EBS 195 32EDC-5-47 C032C963 REG 2 - 4 5/21/2002 BEI 2003a	EBS 195 32EDC-5-47 C032C964 REG 4 - 8 5/21/2002 BEI 2003a
Volatile Organic Compounds (µg/kg)							
acetone		12 U	11 U				
benzene	10 U	12 U	11 U				
bromodichloromethane		12 U	11 U				
bromoform		12 U	11 U				
bromomethane		12 U	11 U				
2-butanone	10 U	12 U	11 U				
carbon disulfide		12 U	11 U				
carbon tetrachloride		12 U	11 U				
chlorobenzene		12 U	11 U				
chlorodibromomethane		12 U	11 U				
chloroethane		12 U	11 U				
chloroform		12 U	11 U				
chloromethane		12 U	11 U				
1,3-dichlorobenzene							
1,4-dichlorobenzene							
1,1-dichloroethane		12 U	11 U				
1,2-dichloroethane	10 U	12 U	11 U				
1,1-dichloroethene	10 U	12 U	11 U				
cis-1,2-dichloroethene	10 U						
trans-1,2-dichloroethene	10 U						
1,2-dichloroethene		12 U	11 U				
1,2-dichloropropane		12 U	11 U				
cis-1,3-dichloropropene		12 U	11 U				
trans-1,3-dichloropropene		12 U	11 U				
ethylbenzene	10 U	12 U	11 U				
n-hexane	20 U						
2-hexanone		12 U	11 U				
4-methyl-2-pentanone		12 U	11 U				
methylene chloride	10 U	12 U	11 U				
styrene		12 U	11 U				
1,1,2,2-tetrachloroethane		12 U	11 U				
tetrachloroethene	10 U	12 U	11 U				
toluene	10 U	12 U	11 U				
1,2,4-trichlorobenzene							
1,1,1-trichloroethane	10 U	12 U	11 U				
1,1,2-trichloroethane		12 U	11 U				
trichloroethene	10 U	12 U	11 U				
vinyl chloride	10 U	12 U	11 U				
meta-,para-xylene	20 U						
o-xylene	10 U						
xylenes, total		12 U	11 U				

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Petroleum Hydrocarbons (µg/kg)							
diesel	50,000 U	29,000 U	26,000 U				
gasoline	50,000 U	600 U	500 U				
motor oil		29,000 U	26,000 U				
Semivolatile Organic Compounds (µg/kg)							
acenaphthene				5.3 UJ	5.6 UJ	5.5 UJ	5.9 UJ
acenaphthylene				5.3 UJ	5.6 UJ	5.5 UJ	5.9 UJ
anthracene				5.3 UJ	5.6 UJ	5.5 UJ	5.9 UJ
benz(a)anthracene				0.66 J	1.9 J	1.6 J	5.9 UJ
benzo(b)fluoranthene				1.8 J	3.1 J	1.7 J	5.9 UJ
benzo(k)fluoranthene				1.2 J	2.1 J	1.5 J	0.45 J
benzo(g,h,i)perylene				2.7 J	4.8 J	2.2 J	0.74 J
benzo(a)pyrene				1.9 J	4.1 J	2.3 J	0.69 J
bis(2-chloroethoxy)methane							
bis(2-chloroethyl)ether							
bis(2-chloro-1-methylethyl)ether							
bis(2-ethylhexyl)phthalate							
4-bromophenyl phenyl ether							
butyl benzyl phthalate							
carbazole							
4-chloroaniline							
4-chloro-3-methylphenol							
2-chloronaphthalene							
2-chlorophenol							
4-chlorophenyl phenyl ether							
chrysene				1 J	1.8 J	1.9 J	5.9 UJ
dibenz(a,h)anthracene				0.37 J	0.66 J	0.39 J	5.9 UJ
di-n-butyl phthalate							
dibenzofuran							
1,2-dichlorobenzene							
3,3'-dichlorobenzidine							
2,4-dichlorophenol							
diethyl phthalate							
2,4-dimethylphenol							
dimethyl phthalate							
4,6-dinitro-2-methylphenol							
2,4-dinitrophenol							
2,4-dinitrotoluene							
2,6-dinitrotoluene							
di-n-octyl phthalate							
fluoranthene				1 J	2 J	4.1 J	0.59 J
fluorene				5.3 UJ	5.6 UJ	5.5 UJ	5.9 UJ
hexachlorobenzene							

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Semivolatile Organic Compounds (µg/kg) (continued)							
hexachlorobutadiene							
hexachlorocyclopentadiene							
hexachloroethane							
indeno(1,2,3-cd)pyrene				2.8 J	4.7 J	2.1 J	0.81 J
isophorone							
2-methylnaphthalene				5.3 UJ	5.6 UJ	5.5 UJ	5.9 UJ
2-methylphenol							
4-methylphenol							
naphthalene				5.3 UJ	5.6 UJ	5.5 UJ	5.9 UJ
2-nitroaniline							
3-nitroaniline							
4-nitroaniline							
nitrobenzene							
2-nitrophenol							
4-nitrophenol							
N-nitrosodiphenylamine							
N-nitroso-di-n-propylamine							
pentachlorophenol							
phenanthrene				0.4 J	0.56 J	1.5 J	5.9 UJ
phenol							
pyrene				1.4 J	4 J	4.9 J	0.81 J
2,4,5-trichlorophenol							
2,4,6-trichlorophenol							
Pesticides/Polychlorinated Biphenyls (µg/kg)							
aldrin							
Aroclor 1016							
Aroclor 1221							
Aroclor 1232							
Aroclor 1242							
Aroclor 1248							
Aroclor 1254							
Aroclor 1260							
azinphos-methyl							
alpha-BHC							
beta-BHC							
delta-BHC							
gamma-BHC (lindane)							
alpha-chlordane							
gamma-chlordane							
4,4'-DDD							
4,4'-DDE							
4,4'-DDT							

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Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)							
demeton (demeton o + demeton s)							
diazinon							
dieldrin							
disulfoton							
endosulfan I							
endosulfan II							
endosulfan sulfate							
endrin							
endrin aldehyde							
endrin ketone							
ethion							
ethyl parathion							
heptachlor							
heptachlor epoxide							
malathion							
methoxychlor							
methyl parathion							
toxaphene							
Herbicides (µg/kg)							
2,4'-DB							
dalapon							
dicamba							
dichlorophenoxyacetic acid							
dichloroprop							
dinoseb							
MCPA							
MCPP							
2,4,5-T							
2,4,5-TP							
Organotins (mg/kg)							
dibutyltin							
monobutyltin							
tetrabutyltin							
tributyltin							

Continue

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Metals (mg/kg)							
aluminum		4,100	4,810				
antimony	25 U	0.84 U	0.77 U				
arsenic		2.1 U	2.5 U				
barium		26.5	27				
beryllium	25 U	0.34 U	0.37 U				
cadmium	25 U	0.54 U	0.49 U				
calcium		2,230	2,320				
chromium	25 U	29.7	32.3				
cobalt		3.4	4.2				
copper	25 U	4.8 U	7.2				
iron		7,980	9,220				
lead	25 U	1.6 U	1.7				
lead, tetraethyl							
magnesium		2,050	2,380				
manganese		80.9	88.7				
mercury	25 U	0.06 UJ	0.05 UJ				
molybdenum		1.6 U	1.5 U				
nickel	49	21.3	28.7				
potassium		666	898				
selenium		0.61 U	0.72				
silver	25 U	1.4 U	1.3 U				
sodium		197	257				
thallium		0.12 U	0.18 U				
vanadium		19.6	22.5				
zinc	25 U	16.5	20.3				

Note:
* blank – sample not analyzed for a particular compound

Acronyms/Abbreviations:
BEI – Bechtel Environmental Inc.
bgs – below ground surface
EBS – Environmental Baseline Survey
FD – field duplicate
ID – identification
IT – International Technology Corporation
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
NA – not analyzed
REG – regular

Data Qualifiers:
J – indicates an estimated value
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value