Previous

Table A2-5
AOC 4 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/ SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE	
	EBS 097 MBG-1 108-SBG-009 REG 5 - 15 5/14/1998 Shaw 2003a	EBS 097 MBG-1 108-SBG-013 REG 5 - 15 8/10/1998 Shaw 2003a
Volatile Organic Compounds (µg/L)		
benzene	*	0.5 U
bromochloromethane		1 U
bromodichloromethane		1 U
bromoform		1 U
carbon disulfide		1 U
carbon tetrachloride		0.5 U
chlorobenzene		1 U
chlorodibromomethane		1 U
chloroethane		1 U
chloroform		1 U
chloromethane		1 U
1,2-dibromo-3-chloropropane		1 U
1,2-dibromoethane		1 U
1,2-dichlorobenzene		1 U
1,3-dichlorobenzene		1 U
1,4-dichlorobenzene		1 U
1,1-dichloroethane		1 U
1,2-dichloroethane		0.5 U
1,1-dichloroethene		1 U
cis-1,2-dichloroethene		1 U
trans-1,2-dichloroethene		1 U
1,2-dichloropropane		1 U
cis-1,3-dichloropropene		0.5 U
trans-1,3-dichloropropene		0.5 U
ethylbenzene		1 U
4-methyl-2-pentanone		5 UJ
methylene chloride		2 U
styrene		1 U
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 U
vinyl chloride		0.5 UJ
xylenes, total		1 U
Petroleum Hydrocarbons (µg/L)		
diesel		130 U
gasoline		50 U
motor oil		170 UJ

Table A2-5
AOC 4 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/ SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE	
	EBS 097 MBG-1 108-SBG-009 REG 5 - 15 5/14/1998 Shaw 2003a	EBS 097 MBG-1 108-SBG-013 REG 5 - 15 8/10/1998 Shaw 2003a
Semivolatile Organic Compounds (µg/L)		
acenaphthene		11 U
acenaphthylene		11 U
anthracene		11 U
benz(a)anthracene		11 U
benzo(b)fluoranthene		11 U
benzo(k)fluoranthene		11 U
benzo(g,h,i)perylene		11 U
benzo(a)pyrene		11 U
bis(2-chloroethoxy)methane		11 U
bis(2-chloroethyl)ether		11 U
bis(2-chloro-1-methylethyl)ether		11 U
bis(2-ethylhexyl)phthalate		5 UJ
4-bromophenyl phenyl ether		11 U
butyl benzyl phthalate		11 U
carbazole		11 U
4-chloroaniline		11 U
4-chloro-3-methylphenol		11 U
2-chloronaphthalene		11 U
2-chlorophenol		11 U
4-chlorophenyl phenyl ether		11 U
chrysene		11 U
dibenz(a,h)anthracene		11 U
di-n-butyl phthalate		11 U
dibenzofuran		11 U
3,3'-dichlorobenzidine		11 U
2,4-dichlorophenol		11 U
diethyl phthalate		11 U
2,4-dimethylphenol		11 U
dimethyl phthalate		11 U
4,6-dinitro-2-methylphenol		28 U
2,4-dinitrophenol		28 U
2,4-dinitrotoluene		11 U
2,6-dinitrotoluene		11 U
di-n-octyl phthalate		11 U
fluoranthene		11 U
fluorene		11 U
hexachlorobenzene		11 U
hexachlorobutadiene		11 U
hexachlorocyclopentadiene		11 U
hexachloroethane		11 U
indeno(1,2,3-cd)pyrene		11 U
isophorone		11 U

Table A2-5
AOC 4 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/ SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE	
	EBS 097 MBG-1 108-SBG-009 REG 5 - 15 5/14/1998 Shaw 2003a	EBS 097 MBG-1 108-SBG-013 REG 5 - 15 8/10/1998 Shaw 2003a
Semivolatile Organic Compounds (µg/L) (continued)		
2-methylnaphthalene		11 U
2-methylphenol		11 U
4-methylphenol		11 U
naphthalene		11 U
2-nitroaniline		28 U
3-nitroaniline		28 U
4-nitroaniline		28 U
nitrobenzene		11 U
2-nitrophenol		11 U
4-nitrophenol		28 UJ
N-nitrosodiphenylamine		11 U
N-nitroso-di-n-propylamine		11 U
pentachlorophenol		28 U
phenanthrene		11 U
phenol		11 U
pyrene		2 J
1,2,4-trichlorobenzene		1 U
2,4,5-trichlorophenol		28 U
2,4,6-trichlorophenol		11 U
Pesticides/Polychlorinated Biphenyls (µg/L)		
aldrin		0.049 U
Aroclor 1016		0.49 U
Aroclor 1221		0.49 U
Aroclor 1232		0.49 U
Aroclor 1242		0.49 U
Aroclor 1248		0.49 U
Aroclor 1254		0.49 U
Aroclor 1260		0.49 U
alpha-BHC		0.049 UJ
beta-BHC		0.049 U
delta-BHC		0.049 U
gamma-BHC (lindane)		0.049 UJ
alpha-chlordane		0.049 U
gamma-chlordane		0.049 U
4,4'-DDD		0.098 U
4,4'-DDE		0.098 U
4,4'-DDT		0.098 UJ
dieldrin		0.098 U
endosulfan I		0.049 U
endosulfan II		0.098 U
endosulfan sulfate		0.098 U
endrin		0.098 U
endrin aldehyde		0.098 U

Table A2-5
AOC 4 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/ SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE	
	EBS 097 MBG-1 108-SBG-009 REG 5 - 15 5/14/1998 Shaw 2003a	EBS 097 MBG-1 108-SBG-013 REG 5 - 15 8/10/1998 Shaw 2003a
Pesticides/Polychlorinated Biphenyls (µg/L) (continued)		
endrin ketone		0.098 U
heptachlor		0.01 UJ
heptachlor epoxide		0.01 U
methoxychlor		0.49 UJ
toxaphene		2.9 U
Herbicides (µg/L)	NA	NA
Organotins (µg/L)	NA	NA
Metals (µg/L)		
aluminum	888 J	93.3 UJ
antimony	1.7 UJ	1.8 U
arsenic	11.3	12.4 UJ
barium	735	531
beryllium	0.1 U	0.2 UJ
cadmium	0.48 J	0.3 U
calcium	135000	120000
chromium	1.8 J	0.8 UJ
cobalt	1.8 J	3.1 J
copper	2.1 J	1.9 UJ
iron	7070 J	6030
lead	0.5 U	1.7 U
magnesium	351000	373000
manganese	1740	1470
mercury	0.1 U	0.14 J
molybdenum	1.9 UJ	1 UJ
nickel	4.8 J	3.1 UJ
potassium	218000 J	214000 J
selenium		2.2 UJ
silver	0.3 U	0.7 U
sodium	3110000	3370000 J
thallium	1.4 U	5.5 U
vanadium	2 UJ	0.6 UJ
zinc	113	12 J

Table A2-5
AOC 4 Previous Investigations Data – Water

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

Acronyms/Abbreviations:
bgs - below ground surface
EBS - Environmental Baseline Survey
ID - identification
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 A2-6
AOC 5 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE							
	EBS 098 K12 0040-WHA-0442 REG 1.5 - 2 4/24/2003 FWEC 2003	EBS 098 K12 0040-WHA-0442RE REG 1.5 - 2 4/24/2003 FWEC 2003	EBS 098 L11 0040-WHA-5048 REG 0 - 0.5 7/3/2003 FWEC 2003	EBS 098 L11 0040-WHA-5049 REG 0 - 0.5 7/3/2003 FWEC 2003	EBS 098 L11 0040-WHA-6051 REG 0.5 - 2 7/3/2003 FWEC 2003	EBS 098 L11 0040-WHA-6052 REG 0.5 - 2 7/3/2003 FWEC 2003	EBS 098 L12 0040-WHA-0441 REG 0.5 - 1 4/24/2003 FWEC 2003	EBS 098 L12 0040-WHA-0441RE REG 0.5 - 1 4/24/2003 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	27 U	27 U	*				56 U	56 U
acenaphthylene	27 U	27 U					56 U	56 U
anthracene	15 J	16 J					56 U	56 U
benz(a)anthracene	100	97					130	56 U
benzo(b)fluoranthene	210 J	200 J					240 J	230 J
benzo(k)fluoranthene	110 J	79 J					96 J	99 J
benzo(g,h,i)perylene	62 J	75 J					79 J	66 J
benzo(a)pyrene	140 J	140 J					180 J	170 J
chrysene	110	96					140	130
dibenz(a,h)anthracene	13 J	16 J					56 UJ	56 UJ
fluoranthene	160	140					190	180
fluorene	27 U	27 U					56 U	56 U
indeno(1,2,3-cd)pyrene	57 J	64 J					62 J	50 J
naphthalene	27 U	27 U					56 U	56 U
phenanthrene	70	72					87	80
pyrene	200	230					270	260
Pesticides/Polychlorinated Biphenyls (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA
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			1.2	1.1	4.1	2.7		

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

Acronyms/Abbreviations:
bgs – below ground surface
EBS – Environmental Baseline Survey
ID – identification
FWEC – Foster Wheeler Environmental 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

Table A2-7
AOC 6 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 087 U33 0040-WHA-1363 REG 0 - 0.5 7/11/2003 FWEC 2003	EBS 087 U33 0040-WHA-1364 REG 0.5 - 2 7/11/2003 FWEC 2003	EBS 087 U33 0040-WHA-1365 REG 2 - 4 7/11/2003 FWEC 2003	EBS 087 U33 0040-WHA-1366 REG 4 - 8 7/11/2003 FWEC 2003	EBS 087 U33 0040-WHA-1367 FD 4 - 8 7/11/2003 FWEC 2003	EBS 087 U34 0040-WHA-1359 REG 0 - 0.5 7/11/2003 FWEC 2003	EBS 087 U34 0040-WHA-1360 REG 0.5 - 2 7/11/2003 FWEC 2003	EBS 087 U34 0040-WHA-1361 REG 2 - 4 7/11/2003 FWEC 2003	EBS 087 U34 0040-WHA-1362 REG 4 - 8 7/11/2003 FWEC 2003	EBS 087 V33 0040-WHA-1368 REG 0 - 0.5 7/11/2003 FWEC 2003	EBS 087 V33 0040-WHA-1369 REG 0.5 - 2 7/11/2003 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	8.7	13	110 J	7.3 J	6 J	12 J	4.5 J	640 J	60 J	66	2.2 J
acenaphthylene	19	32	350	21 J	12	56	20	1,400	88 J	26	11
anthracene	26	43	590	32	17	54	20	2,500	170	70	12
benz(a)anthracene	310	200	1,200	87	37	270	110	4,700	330	330	76
benzo(b)fluoranthene	640	280	930	86	35	530	170	3,500	270	460	100
benzo(k)fluoranthene	230	80	1,100	83	35	190	54	4,300	310	140	37
benzo(g,h,i)perylene	470	210	1,200	130	51	500	130	4,400	460	350	83
benzo(a)pyrene	500	250	1600 J	140 J	58 J	410	140	6200 J	490 J	420	95
chrysene	420	220	1,300	94	41	370	120	5,400	360	390	86
dibenz(a,h)anthracene	110	34	250	20 J	9	76	20	880	100 J	50	18
fluoranthene	440	400	4,000 J	320 J	110 J	530	210	16,000 J	1,000 J	820	160
fluorene	8.6	14	210	7.3 J	7.5	15 J	5.3 J	920	53 J	28	2.8 J
indeno(1,2,3-cd)pyrene	490	200	980	99	42	410	110	3,600	360	330	76
2-methylnaphthalene	3.6 J	2.5 J	44 J	29 U	5.9 U	27 U	10 U	160	150 U	3.3 J	5.1 U
naphthalene	6.3	5.8	61	4.8 J	4.6 J	20 J	4.8 J	240	21 J	6.1	2.7 J
phenanthrene	210	250	2,700	150	95	250	110	12,000	700	590	70
pyrene	510	490	3,500 J	240 J	100 J	640	270	14,000 J	890 J	950	200
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 A2-7
AOC 6 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE						
	EBS 087 V33 0040-WHA-1370 REG 2 - 4 7/11/2003 FWEC 2003	EBS 087 V33 0040-WHA-1371 REG 4 - 8 7/11/2003 FWEC 2003	EBS 087 V34 0040-WHA-1354 REG 0 - 0.5 7/11/2003 FWEC 2003	EBS 087 V34 0040-WHA-1355 REG 0.5 - 2 7/11/2003 FWEC 2003	EBS 087 V34 0040-WHA-1356 REG 2 - 4 7/11/2003 FWEC 2003	EBS 087 V34 0040-WHA-1357 REG 4 - 8 7/11/2003 FWEC 2003	EBS 087 V34 0040-WHA-1358 FD 2 - 4 7/11/2003 FW 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)							
acenaphthene	35 J	29 J	5 J	18	60 J	30 J	56 J
acenaphthylene	220	11 J	6.6	81	340	20 J	120
anthracene	360	15 J	13	110	420	28 J	160
benz(a)anthracene	870	48	110	500	930	84	510
benzo(b)fluoranthene	760	54	210	610	720	75	480
benzo(k)fluoranthene	840	47	75	190	820	84	410
benzo(g,h,i)perylene	1,000	84	170	440	990	120	700
benzo(a)pyrene	1,300 J	84 J	170	590	1,200 J	130 J	490 J
chrysene	1,000	54	160	510	1,000	93	550
dibenz(a,h)anthracene	210	13 J	25	67	230	20 J	110
fluoranthene	2,900 J	160 J	250	1,000	3200 J	290 J	1,100 J
fluorene	99	29 U	4.8 J	32	170	7.7 J	44 J
indeno(1,2,3-cd)pyrene	810	64	160	420	810	91	530
2-methylnaphthalene	59 U	29 U	5.2 U	3.8 J	44 J	30 U	56 U
naphthalene	32 J	4.5 J	5.2	13	46 J	4.8 J	19 J
phenanthrene	1,600	74	120	590	2,200	140	570
pyrene	2,700 J	120 J	280	1,300	2,700 J	210 J	1,300 J
Pesticides/Polychlorinated Biphenyls (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)	NA	NA	NA	NA	NA	NA	NA

Acronyms/Abbreviations:
bgs – below ground surface
EBS – Environmental Baseline Survey
ID – identification
FD – field duplicate
FWEC – Foster Wheeler Environmental 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

Table A2-8
AOC 7 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 098 098-010 98-0106 REG 2 - 4 4/11/2001 IT 2001a	EBS 098 098-010 98-0107 FD 2 - 4 4/11/2001 IT 2001a	EBS 098 098-010 98-0108 REG 4 - 6 4/11/2001 IT 2001a	EBS 098 098-010 98-0109 REG 6 - 8 4/11/2001 IT 2001a	EBS 098 BB27 0040-WHA-5026 REG 0 - 0.5 6/20/2003 FWEC 2003	EBS 098 BB27 0040-WHA-5027 REG 0 - 0.5 6/20/2003 FWEC 2003	EBS 098 BB27 0040-WHA-6029 REG 0.5 - 2 6/20/2003 FWEC 2003	EBS 098 BB27 0040-WHA-6030 REG 0.5 - 2 6/20/2003 FWEC 2003	EBS 098 BB28 0040-WHA-0362 REG 1 - 1.5 4/23/2003 FWEC 2003	EBS 098 BB29 0040-WHA-5014 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 BB29 0040-WHA-5015 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 BB29 0040-WHA-6017 REG 0.5 - 2 6/12/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)												
acetone	*											
benzene												
bromodichloromethane												
bromoform												
bromomethane												
2-butanone												
carbon tetrachloride												
chlorobenzene												
chlorodibromomethane												
chloroethane												
chloroform												
chloromethane												
1,1-dichloroethane												
1,2-dichloroethane												
1,1-dichloroethene												
cis-1,2-dichloroethene												
trans-1,2-dichloroethene												
1,2-dichloropropane												
cis-1,3-dichloropropene												
trans-1,3-dichloropropene												
ethylbenzene												
2-hexanone												
4-methyl-2-pentanone												
methyl tert-butyl ether												
methylene chloride												
styrene												
1,1,2,2-tetrachloroethane												
tetrachloroethene												
toluene												
1,1,1-trichloroethane												
1,1,2-trichloroethane												
trichloroethene												
vinyl acetate												
vinyl chloride												
xylenes, total												
Petroleum Hydrocarbons (µg/kg)												
diesel												
gasoline												
motor oil												

Table A2-8
AOC 7 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 098 098-010 98-0106 REG 2 - 4 4/11/2001 IT 2001a	EBS 098 098-010 98-0107 FD 2 - 4 4/11/2001 IT 2001a	EBS 098 098-010 98-0108 REG 4 - 6 4/11/2001 IT 2001a	EBS 098 098-010 98-0109 REG 6 - 8 4/11/2001 IT 2001a	EBS 098 BB27 0040-WHA-5026 REG 0 - 0.5 6/20/2003 FWEC 2003	EBS 098 BB27 0040-WHA-5027 REG 0 - 0.5 6/20/2003 FWEC 2003	EBS 098 BB27 0040-WHA-6029 REG 0.5 - 2 6/20/2003 FWEC 2003	EBS 098 BB27 0040-WHA-6030 REG 0.5 - 2 6/20/2003 FWEC 2003	EBS 098 BB28 0040-WHA-0362 REG 1 - 1.5 4/23/2003 FWEC 2003	EBS 098 BB29 0040-WHA-5014 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 BB29 0040-WHA-5015 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 BB29 0040-WHA-6017 REG 0.5 - 2 6/12/2003 FWEC 2003
Semivolatile Organic Compounds (µg/kg)												
acenaphthene	49 U	49 U	53 U	70 U	110 U	110 U	110 U	110 U	280 U	110 U	110 U	110 U
acenaphthylene	53 U	53 U	68 J	75 U	55 U	56 U	56 U	54 U	140 U	55 U	54 U	55 U
anthracene	3.4 U	3.4 U	3.7 U	4.9 U	2.2 U	2.2 U	0.5 J	1 J	40	2.2 U	2.2 U	4
benz(a)anthracene	0.99 U	0.99 U	1.1 U	6,700	5.5 U	5.6 U	8	10	130	5.5 U	5.4 U	18
benzo(b)fluoranthene	2.2 U	2.2 U	2.4 U	9,200	2.2 U	2.2 U	5	6.5	114	2.2 U	2.2 U	12
benzo(k)fluoranthene	1.4 U	1.4 U	1.5 U	3,500	2.2 U	2.2 U	3	3	50	2.2 U	2.2 U	6.9
benzo(g,h,i)perylene	2.1 U	2.1 U	2.2 U	9,400	7.7 U	7.8 U	7.9 U	7.6 U	130	7.7 U	7.6 U	7.7 U
benzo(a)pyrene	2.3 U	2.3 U	2.5 U	13,000	5.5 U	5.6 U	8	10	170	5.5 U	5.4 U	19
chrysene	1.7 U	1.7 U	1.8 U	7,300	5.5 U	5.6 U	7	10	110	5.5 U	5.4 U	27
dibenz(a,h)anthracene	6.9 U	6.8 U	7.3 U	9,800	19 U	19 U	19 U	19 U	56 U	19 U	18 U	19 U
fluoranthene	2.9 U	2.9 U	3.1 U	40,000	5.5 U	5.6 U	12	19	493	5.5 U	5.4 U	39
fluorene	9.5 U	9.5 U	10 U	110	11 U	11 U	11 U	11 U	28 U	11 U	11 U	11 U
indeno(1,2,3-cd)pyrene	0.77 U	0.77 U	0.83 U	10,000	5.5 U	5.6 U	5.6 U	5.4 U	130	5.5 U	5.4 U	8
naphthalene	32 U	32 U	34 U	45 U	55 U	56 U	56 U	54 U	140 U	55 U	54 U	55 U
phenanthrene	2.2 U	2.2 U	2.4 U	3,700 J	4.4 U	4.5 U	5	5	210	4.4 U	4.3 U	12
pyrene	2.8 U	2.8 U	8 J	35,000	11 U	11 U	18	25	490	11 U	11 U	51
Pesticides/Polychlorinated Biphenyls (µg/kg)												
aldrin												
Aroclor 1016					55 U	56 U	56 U	54 U		55 U	54 U	55 U
Aroclor 1221					110 U	110 U	110 U	110 U		110 U	110 U	110 U
Aroclor 1232					55 U	56 U	56 U	54 U		55 U	54 U	55 U
Aroclor 1242					55 U	56 U	56 U	54 U		55 U	54 U	55 U
Aroclor 1248					55 U	56 U	56 U	54 U		55 U	54 U	55 U
Aroclor 1254					36 U	37 U	37 U	36 U		36 U	36 U	36 U
Aroclor 1260					58	45	58	58		36 U	36 U	4 J
alpha-BHC												
beta-BHC												
delta-BHC												
gamma-BHC (lindane)												
chlordane												
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												

Table A2-8
AOC 7 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 098 098-010 98-0106 REG 2 - 4 4/11/2001 IT 2001a	EBS 098 098-010 98-0107 FD 2 - 4 4/11/2001 IT 2001a	EBS 098 098-010 98-0108 REG 4 - 6 4/11/2001 IT 2001a	EBS 098 098-010 98-0109 REG 6 - 8 4/11/2001 IT 2001a	EBS 098 BB27 0040-WHA-5026 REG 0 - 0.5 6/20/2003 FWEC 2003	EBS 098 BB27 0040-WHA-5027 REG 0 - 0.5 6/20/2003 FWEC 2003	EBS 098 BB27 0040-WHA-6029 REG 0.5 - 2 6/20/2003 FWEC 2003	EBS 098 BB27 0040-WHA-6030 REG 0.5 - 2 6/20/2003 FWEC 2003	EBS 098 BB28 0040-WHA-0362 REG 1 - 1.5 4/23/2003 FWEC 2003	EBS 098 BB29 0040-WHA-5014 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 BB29 0040-WHA-5015 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 BB29 0040-WHA-6017 REG 0.5 - 2 6/12/2003 FWEC 2003
Herbicides (µg/kg)	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
Metals (mg/kg)												
antimony												
arsenic					2.1	1.9	4.4	5.1		1.9	2	4.9
barium												
beryllium												
cadmium												
chromium												
cobalt												
copper												
lead												
mercury												
molybdenum												
nickel												
selenium												
silver												
thallium												
vanadium												
zinc												

(table continues)

Table A2-8
AOC 7 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 098 BB29 0040-WHA-6018 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 BB30 0040-WHA-0067 REG 1.5 - 2 4/23/2003 FWEC 2003	EBS 098 BB30 0040-WHA-488 REG 1.5 - 2 5/12/2003 FWEC 2003	EBS 098 CC27 0040-WHA-0106 REG 1 - 1.5 4/24/2003 FWEC 2003	EBS 098 CC27 0040-WHA-489 REG 1 - 1.5 5/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-5014 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-5015 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-6017 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-6018 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 CC29 0040-WHA-496 REG 1 - 1.5 5/13/2003 FWEC 2003	EBS 098 CC30 0040-WHA-5014 REG 0 - 0.5 6/12/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)											
acetone			53 UJ		52 UJ						
benzene			5.3 U		5.2 U						
bromodichloromethane			5.3 U		5.2 U						
bromoform			5.3 U		5.2 U						
bromomethane			5.3 U		5.2 U						
2-butanone			53 U		52 U						
carbon tetrachloride			5.3 U		5.2 U						
chlorobenzene			5.3 U		5.2 U						
chlorodibromomethane			5.3 U		5.2 U						
chloroethane			5.3 U		5.2 U						
chloroform			5.3 U		5.2 U						
chloromethane			5.3 U		5.2 U						
1,1-dichloroethane			5.3 U		5.2 U						
1,2-dichloroethane			5.3 U		5.2 U						
1,1-dichloroethene			5.3 U		5.2 U						
cis-1,2-dichloroethene			5.3 U		5.2 U						
trans-1,2-dichloroethene			5.3 U		5.2 U						
1,2-dichloropropane			5.3 U		5.2 U						
cis-1,3-dichloropropene			5.3 U		5.2 U						
trans-1,3-dichloropropene			5.3 U		5.2 U						
ethylbenzene			5.3 U		5.2 U						
2-hexanone			53 U		52 U						
4-methyl-2-pentanone			53 UJ		52 U						
methyl tert-butyl ether			11 U		10 U						
methylene chloride			5.3 U		5.2 U						
styrene			5.3 U		5.2 U						
1,1,2,2-tetrachloroethane			5.3 U		5.2 U						
tetrachloroethene			5.3 U		5.2 U						
toluene			5.3 U		5.2 U						
1,1,1-trichloroethane			5.3 U		5.2 U						
1,1,2-trichloroethane			5.3 U		5.2 U						
trichloroethene			5.3 U		5.2 U						
vinyl acetate			53 U		52 U						
vinyl chloride			5.3 U		5.2 U						
xylenes, total			16 U		16 U						
Petroleum Hydrocarbons (µg/kg)											
diesel			11000 U		11000 U						
gasoline			1100 U		1100 U						
motor oil			21000		11000 U						

Table A2-8
AOC 7 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 098 BB29 0040-WHA-6018 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 BB30 0040-WHA-0067 REG 1.5 - 2 4/23/2003 FWEC 2003	EBS 098 BB30 0040-WHA-488 REG 1.5 - 2 5/12/2003 FWEC 2003	EBS 098 CC27 0040-WHA-0106 REG 1 - 1.5 4/24/2003 FWEC 2003	EBS 098 CC27 0040-WHA-489 REG 1 - 1.5 5/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-5014 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-5015 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-6017 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-6018 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 CC29 0040-WHA-496 REG 1 - 1.5 5/13/2003 FWEC 2003	EBS 098 CC30 0040-WHA-5014 REG 0 - 0.5 6/12/2003 FWEC 2003
Semivolatile Organic Compounds (µg/kg)											
acenaphthene	110 U	550 U		140 J		110 U	110 U	110 U	110 U	100 U	110 U
acenaphthylene	56 U	280 U		300 U		55 U	54 U	55 U	56 U	52 U	55 U
anthracene	2	79		120		2.2 U	2.2 U	4	2	2.1 U	2.2 U
benz(a)anthracene	12	300		380		5.5 U	5.4 U	18	12	2 J	5.5 U
benzo(b)fluoranthene	8.1	318		362		2.2 U	2.2 U	12	8.1	2	2.2 U
benzo(k)fluoranthene	4	140		170		2.2 U	2.2 U	6.9	4	1 J	2.2 U
benzo(g,h,i)perylene	7.8 U	330		300		7.7 U	7.6 U	7.7 U	7.8 U	7.3 U	7.7 U
benzo(a)pyrene	13	470		570		5.5 U	5.4 U	19	13	8	5.5 U
chrysene	18	250		360		5.5 U	5.4 U	27	18	1 J	5.5 U
dibenz(a,h)anthracene	7 J	210		290		19 U	18 U	19 U	7 J	18 U	19 U
fluoranthene	24	1080		1280		5.5 U	5.4 U	39	24	8	5.5 U
fluorene	11 U	16 J		23 J		11 U	11 U	11 U	11 U	10 U	11 U
indeno(1,2,3-cd)pyrene	3 J	350		420		5.5 U	5.4 U	8	3 J	5.2 U	5.5 U
naphthalene	56 U	280 U		300 U		55 U	54 U	55 U	56 U	52 U	55 U
phenanthrene	9	380		554		4.4 U	4.3 U	12	9	3 J	4.4 U
pyrene	35	900		1200		11 U	11 U	51	35	6 J	11 U
Pesticides/Polychlorinated Biphenyls (µg/kg)											
aldrin			1.1 U		1.1 U						
Aroclor 1016	56 U		54 U		54 U	55 U	54 U	55 U	56 U		55 U
Aroclor 1221	110 U		110 U		110 U	110 U	110 U	110 U	110 U		110 U
Aroclor 1232	56 U		54 U		54 U	55 U	54 U	55 U	56 U		55 U
Aroclor 1242	56 U		54 U		54 U	55 U	54 U	55 U	56 U		55 U
Aroclor 1248	56 U		54 U		54 U	55 U	54 U	55 U	56 U		55 U
Aroclor 1254	37 U		300		320	36 U	36 U	36 U	37 U		36 U
Aroclor 1260	3 J		36 U		36 U	36 U	36 U	4 J	3 J		36 U
alpha-BHC			1.1 U		1.1 U						
beta-BHC			1.1 U		1.1 U						
delta-BHC			1.1 U		1.1 U						
gamma-BHC (lindane)			1.1 U		1.1 U						
chlordane			54 U		54 U						
4,4'-DDD			2.2 U		2.2 U						
4,4'-DDE			2.2 U		2.2 U						
4,4'-DDT			2.2 U		2.2 U						
dieldrin			2.2 U		2.2 U						
endosulfan I			1.1 U		1.1 U						
endosulfan II			2.2 U		2.2 U						
endosulfan sulfate			5.4 U		5.4 U						
endrin			2.2 U		2.2 U						
endrin aldehyde			2.2 U		2.2 U						
endrin ketone			2.2 U		2.2 U						
heptachlor			1.1 U		1.1 U						
heptachlor epoxide			1.1 U		1.1 U						
methoxychlor			11 U		11 U						
toxaphene			110 U		110 U						

Table A2-8
AOC 7 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 098 BB29 0040-WHA-6018 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 BB30 0040-WHA-0067 REG 1.5 - 2 4/23/2003 FWEC 2003	EBS 098 BB30 0040-WHA-488 REG 1.5 - 2 5/12/2003 FWEC 2003	EBS 098 CC27 0040-WHA-0106 REG 1 - 1.5 4/24/2003 FWEC 2003	EBS 098 CC27 0040-WHA-489 REG 1 - 1.5 5/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-5014 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-5015 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-6017 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 CC28 0040-WHA-6018 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 CC29 0040-WHA-496 REG 1 - 1.5 5/13/2003 FWEC 2003	EBS 098 CC30 0040-WHA-5014 REG 0 - 0.5 6/12/2003 FWEC 2003
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)											
antimony			0.3 J		5.4 U						
arsenic	4.6		1.6		1.9	1.9	2	4.9	4.6		1.9
barium			23.9		25.2						
beryllium			0.22 U		0.22 U						
cadmium			0.33 U		0.014 U						
chromium			25.8		28.3						
cobalt			4.1		4.2						
copper			5.7 J		8 J						
lead			1.6		22						
mercury			0.034		0.034						
molybdenum			3.3 U		3.2 U						
nickel			23.6		23.3						
selenium			0.32 U		0.43 U						
silver			2.2 U		0.083 U						
thallium			2.2 U		2.2 U						
vanadium			16.6		17.9						
zinc			15		18						

(table continues)

Table A2-8
AOC 7 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE						
	EBS 098 CC30 0040-WHA-5015 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 CC30 0040-WHA-6017 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 CC30 0040-WHA-6018 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 DD27 0040-WHA-0078 REG 0.5 - 1 4/23/2003 FWEC 2003	EBS 098 DD28 0040-WHA-567 REG 0.5 - 1 5/28/2003 FWEC 2003	EBS 098 DD29 0040-WHA-566 REG 1 - 1.5 5/28/2003 FWEC 2003	EBS 098 DD30 0040-WHA-565 REG 0.5 - 1 5/28/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)							
acetone							
benzene							
bromodichloromethane							
bromoform							
bromomethane							
2-butanone							
carbon tetrachloride							
chlorobenzene							
chlorodibromomethane							
chloroethane							
chloroform							
chloromethane							
1,1-dichloroethane							
1,2-dichloroethane							
1,1-dichloroethene							
cis-1,2-dichloroethene							
trans-1,2-dichloroethene							
1,2-dichloropropane							
cis-1,3-dichloropropene							
trans-1,3-dichloropropene							
ethylbenzene							
2-hexanone							
4-methyl-2-pentanone							
methyl tert-butyl ether							
methylene chloride							
styrene							
1,1,2,2-tetrachloroethane							
tetrachloroethene							
toluene							
1,1,1-trichloroethane							
1,1,2-trichloroethane							
trichloroethene							
vinyl acetate							
vinyl chloride							
xylenes, total							
Petroleum Hydrocarbons (µg/kg)							
diesel							
gasoline							
motor oil							

Table A2-8
AOC 7 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE						
	EBS 098 CC30 0040-WHA-5015 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 CC30 0040-WHA-6017 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 CC30 0040-WHA-6018 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 DD27 0040-WHA-0078 REG 0.5 - 1 4/23/2003 FWEC 2003	EBS 098 DD28 0040-WHA-567 REG 0.5 - 1 5/28/2003 FWEC 2003	EBS 098 DD29 0040-WHA-566 REG 1 - 1.5 5/28/2003 FWEC 2003	EBS 098 DD30 0040-WHA-565 REG 0.5 - 1 5/28/2003 FWEC 2003
Semivolatile Organic Compounds (µg/kg)							
acenaphthene	110 U	110 U	110 U	93 U	100 U	100 U	320 U
acenaphthylene	54 U	55 U	56 U	47 U	52 U	51 U	160 U
anthracene	2.2 U	4	2	2.4	2.1 U	2.1 U	10
benz(a)anthracene	5.4 U	18	12	29	5.2 U	5 J	69
benzo(b)fluoranthene	2.2 U	12	8.1	62	0.8 J	5.9	86
benzo(k)fluoranthene	2.2 U	6.9	4	28	2.1 U	3	35
benzo(g,h,i)perylene	7.6 U	7.7 U	7.8 U	7.4 U	7.3 U	6 J	170
benzo(a)pyrene	5.4 U	19	13	37	5.2 U	8	130
chrysene	5.4 U	27	18	73	5.2 U	4 J	83
dibenz(a,h)anthracene	18 U	19 U	7 J	19 U	18 U	5 J	82
fluoranthene	5.4 U	39	24	96	5.2 U	13	180
fluorene	11 U	11 U	11 U	9.3 U	10 U	10 U	32 U
indeno(1,2,3-cd)pyrene	5.4 U	8	3 J	14	5.2 U	5	110
naphthalene	54 U	55 U	56 U	47 U	52 U	51 U	160 U
phenanthrene	4.3 U	12	9	20	4.2 U	6	70
pyrene	11 U	51	35	95	10 U	17	250
Pesticides/Polychlorinated Biphenyls (µg/kg)							
aldrin							
Aroclor 1016	54 U	55 U	56 U				
Aroclor 1221	110 U	110 U	110 U				
Aroclor 1232	54 U	55 U	56 U				
Aroclor 1242	54 U	55 U	56 U				
Aroclor 1248	54 U	55 U	56 U				
Aroclor 1254	36 U	36 U	37 U				
Aroclor 1260	36 U	4 J	3 J				
alpha-BHC							
beta-BHC							
delta-BHC							
gamma-BHC (lindane)							
chlordane							
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							

Table A2-8
AOC 7 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE						
	EBS 098 CC30 0040-WHA-5015 REG 0 - 0.5 6/12/2003 FWEC 2003	EBS 098 CC30 0040-WHA-6017 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 CC30 0040-WHA-6018 REG 0.5 - 2 6/12/2003 FWEC 2003	EBS 098 DD27 0040-WHA-0078 REG 0.5 - 1 4/23/2003 FWEC 2003	EBS 098 DD28 0040-WHA-567 REG 0.5 - 1 5/28/2003 FWEC 2003	EBS 098 DD29 0040-WHA-566 REG 1 - 1.5 5/28/2003 FWEC 2003	EBS 098 DD30 0040-WHA-565 REG 0.5 - 1 5/28/2003 FWEC 2003
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)							
antimony							
arsenic	2	4.9	4.6				
barium							
beryllium							
cadmium							
chromium							
cobalt							
copper							
lead							
mercury							
molybdenum							
nickel							
selenium							
silver							
thallium							
vanadium							
zinc							

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

Acronyms/Abbreviations:
bgs – below ground surface
EBS – Environmental Baseline Survey
ID – identification
IT – International Technology Corporation
FD – field duplicate
FWEC – Foster Wheeler Environmental 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

Table A2-9
AOC 8 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 098 098-002-004 098-0004 REG 0.5 - 1 11/16/1994 IT 2001a	EBS 098 098-002-005 098-0005 REG 0.33 - 0.83 11/16/1994 IT 2001a	EBS 098 098-002-006 098-0006 REG 0.5 - 1 11/16/1994 IT 2001a	EBS 098 098-002-006 098-0006RE REG 0.5 - 1 11/16/1994 IT 2001a	EBS 098 098-003-030 098-0034 REG 0.5 - 1 10/19/1995 IT 2001a	EBS 098 098-003-030 098-0035 REG 3.5 - 4 10/19/1995 IT 2001a	EBS 098 098-003-034 098-0041 REG 3.5 - 4 10/19/1995 IT 2001a	EBS 098 32EDC-5-106 C032CC21 REG 0 - 0.5 5/31/2002 BEI 2003a	EBS 098 32EDC-5-106 C032CC22 REG 0.5 - 2 5/31/2002 BEI 2003a	EBS 098 32EDC-5-106 C032CC23 REG 2 - 4 5/31/2002 BEI 2003a	EBS 098 32EDC-5-106 C032CC24 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	11000 U	11000 U	*			26000 U				
gasoline	540 U	560 U	550 U				600 U				
motor oil	32000 J	240000 J	69000 J				26000 U				
Semivolatile Organic Compounds (µg/kg)											
acenaphthene								5.1 UJ	5.1 U	5.4 U	5.9 U
acenaphthylene								1.3 J	3.1 J	1.5 J	5.9 U
anthracene								0.68 J	5.2	0.9 J	5.9 U
benz(a)anthracene								4.4 J	23	8.2	5.9 U
benzo(b)fluoranthene								6.4	24	15	5.9 U
benzo(k)fluoranthene								7.5	31	16	5.9 U
benzo(g,h,i)perylene								14	27	19	2.3 J
benzo(a)pyrene								8.7	35	19	5.9 U
chrysene								5.5	29	12	5.9 U
dibenz(a,h)anthracene								1.7 J	4 J	2.9 J	5.9 U
fluoranthene								12	60	26	0.52 J
fluorene								5.1 UJ	1.5 J	5.4 U	5.9 U
indeno(1,2,3-cd)pyrene								10	23	15	0.62 J
2-methylnaphthalene								0.39 J	0.36 J	0.74 J	5.9 UJ
naphthalene								0.58 J	0.87 J	1.3 J	5.9 UJ
phenanthrene								4.3 J	37	7.6	5.9 U
pyrene								16 J	75 J	39 J	0.95 J
Pesticides/Polychlorinated Biphenyls (µg/kg)											
aldrin			3.7 U	1.9 U	1.7 U	1.9 U	2 U				
Aroclor 1016			73 U	36 U	34 U	37 U	39 U				
Aroclor 1221			150 U	74 U	68 U	75 U	79 U				
Aroclor 1232			73 U	36 U	34 U	37 U	39 U				
Aroclor 1242			73 U	36 U	34 U	37 U	39 U				
Aroclor 1248			73 U	36 U	34 U	37 U	39 U				
Aroclor 1254			300	130	34 U	37 U	39 U				
Aroclor 1260			73 U	36 U	34 U	37 U	39 U				
alpha-BHC			3.7 U	1.9 U	1.7 U	1.9 U	2 U				
beta-BHC			3.7 U	1.9 U	1.7 U	1.9 U	2 U				
delta-BHC			3.7 U	1.9 U	1.7 U	1.9 U	2 U				
gamma-BHC (lindane)			3.7 U	1.9 U	1.7 U	1.9 U	2 U				
alpha-chlordane			3.7 U	1.9 U	1.7 U	1.9 U	2 U				
gamma-chlordane			3.7 U	1.9 U	1.7 U	1.9 U	2 U				
4,4'-DDD			7.3 U	3.6 U	3.4 U	3.7 U	3.9 U				
4,4'-DDE			7.3 U	3.6 U	3.4 U	3.7 U	3.9 U				
4,4'-DDT			7.3 U	3.6 U	3.4 U	3.7 U	3.9 U				
dieldrin			7.3 U	3.6 U	3.4 U	3.7 U	3.9 U				
endosulfan I			3.7 U	1.9 U	1.7 U	1.9 U	2 U				
endosulfan II			7.3 U	3.6 U	3.4 U	3.7 U	3.9 U				
endosulfan sulfate			7.3 U	3.6 U	3.4 U	3.7 U	3.9 U				

Table A2-9
AOC 8 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 098 098-002-004 098-0004 REG 0.5 - 1 11/16/1994 IT 2001a	EBS 098 098-002-005 098-0005 REG 0.33 - 0.83 11/16/1994 IT 2001a	EBS 098 098-002-006 098-0006 REG 0.5 - 1 11/16/1994 IT 2001a	EBS 098 098-002-006 098-0006RE REG 0.5 - 1 11/16/1994 IT 2001a	EBS 098 098-003-030 098-0034 REG 0.5 - 1 10/19/1995 IT 2001a	EBS 098 098-003-030 098-0035 REG 3.5 - 4 10/19/1995 IT 2001a	EBS 098 098-003-034 098-0041 REG 3.5 - 4 10/19/1995 IT 2001a	EBS 098 32EDC-5-106 C032CC21 REG 0 - 0.5 5/31/2002 BEI 2003a	EBS 098 32EDC-5-106 C032CC22 REG 0.5 - 2 5/31/2002 BEI 2003a	EBS 098 32EDC-5-106 C032CC23 REG 2 - 4 5/31/2002 BEI 2003a	EBS 098 32EDC-5-106 C032CC24 REG 4 - 8 5/31/2002 BEI 2003a
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)											
endrin			7.3 U	3.6 U	3.4 U	3.7 U	3.9 U				
endrin aldehyde			7.3 U	3.6 U	3.4 U	3.7 U	3.9 U				
endrin ketone			7.3 U	3.6 U	3.4 U	3.7 U	3.9 U				
heptachlor			3.7 U	1.9 U	1.7 U	1.9 U	2 U				
heptachlor epoxide			3.7 U	1.9 U	1.7 U	1.9 U	2 U				
methoxychlor			37 U	19 U	17 U	19 U	20 U				
toxaphene			370 U	190 U	170 U	190 U	200 U				
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 A2-9
AOC 8 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE						
	EBS 098 AA21 0040-WHA-530 REG 1 - 1.5 5/14/2003 FWEC 2003	EBS 098 AA21RA 0040-WHA-0364 REG 1.5 - 2 4/23/2003 FWEC 2003	EBS 098 AA21RB 0040-WHA-0369 REG 1.5 - 2 4/23/2003 FWEC 2003	EBS 098 BB21 0040-WHA-517 REG 2 - 2.5 5/14/2003 FWEC 2003	EBS 098 BB22RA 0040-WHA-0365 REG 1 - 1.5 4/23/2003 FWEC 2003	EBS 098 CC21 0040-WHA-506 REG 0.5 - 1 5/13/2003 FWEC 2003	EBS 098 CC22 0040-WHA-0471 REG 1.5 - 2 4/25/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)							
diesel							
gasoline							
motor oil							
Semivolatile Organic Compounds (µg/kg)							
acenaphthene	110 U	87 U	88 U	110 U	100 U	120 U	92 U
acenaphthylene	56 U	43 U	44 U	54 U	51 U	58 U	46 U
anthracene	2.2 U	1.7 U	1.8 U	2.2 U	2 U	0.4 J	4.9
benz(a)anthracene	5.6 U	6.8	4.4 U	5.4 U	6.9	7	26
benzo(b)fluoranthene	1 J	6.6	3.8	2.2 U	5.5	9.2	35
benzo(k)fluoranthene	2.2 U	3.5	1.8 U	2.2 U	3	4.8	11
benzo(g,h,i)perylene	7.8 U	8.8	7.1 U	7.6 U	8.1 U	8.1 U	140
benzo(a)pyrene	4 J	8	4.8	3 J	6.7	10	39
chrysene	5.6 U	6.5	4.4 U	5.4 U	6.1	14	30
dibenz(a,h)anthracene	79 J	17 U	18 U	19 U	20 U	20 U	18 U
fluoranthene	4 J	17	8.1	3 J	23	31	77
fluorene	11 U	8.7 U	8.8 U	11 U	10 U	12 U	9.2 U
indeno(1,2,3-cd)pyrene	5.6 U	8.5	4.4 U	5.4 U	7	5 J	39
2-methylnaphthalene							
naphthalene	56 U	43 U	44 U	54 U	51 U	58 U	46 U
phenanthrene	2 J	5.8	5.6	4 J	8.4	9	27
pyrene	11 U	20	9.4	27	25	24	82
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							
4,4'-DDD							
4,4'-DDE							
4,4'-DDT							
dieldrin							
endosulfan I							
endosulfan II							
endosulfan sulfate							

Table A2-9
AOC 8 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE						
	EBS 098 AA21 0040-WHA-530 REG 1 - 1.5 5/14/2003 FWEC 2003	EBS 098 AA21RA 0040-WHA-0364 REG 1.5 - 2 4/23/2003 FWEC 2003	EBS 098 AA21RB 0040-WHA-0369 REG 1.5 - 2 4/23/2003 FWEC 2003	EBS 098 BB21 0040-WHA-517 REG 2 - 2.5 5/14/2003 FWEC 2003	EBS 098 BB22RA 0040-WHA-0365 REG 1 - 1.5 4/23/2003 FWEC 2003	EBS 098 CC21 0040-WHA-506 REG 0.5 - 1 5/13/2003 FWEC 2003	EBS 098 CC22 0040-WHA-0471 REG 1.5 - 2 4/25/2003 FWEC 2003
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)							
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)	NA	NA	NA	NA	NA	NA	NA

Note:
* 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
FWEC – Foster Wheeler Environmental 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 A2-10
AOC 9 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE									
	EBS 080 EE46 0040-WHA-1619 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 080 EE46 0040-WHA-1620 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 080 EE46 0040-WHA-1621 REG 2 - 4 7/16/2003 FWEC 2003	EBS 080 EE46 0040-WHA-1622 REG 4 - 8 7/16/2003 FWEC 2003	EBS 080 FF45 0040-WHA-1627 REG 0 - 0.5 7/16/2003 FWEC 2003	EBS 080 FF45 0040-WHA-1628 REG 0.5 - 2 7/16/2003 FWEC 2003	EBS 080 FF45 0040-WHA-1629 REG 2 - 4 7/16/2003 FWEC 2003	EBS 080 FF45 0040-WHA-1630 REG 4 - 8 7/16/2003 FWEC 2003	EBS 080 FF46 0040-WHA-1625 REG 2 - 4 7/16/2003 FWEC 2003	EBS 080 FF46 0040-WHA-1626 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	5.1 U	5.1 U	5.6 U	5 U	5 U	5.1 U	5.4 U	1.1 J	2.4 J
acenaphthylene	1.8 J	5.1 U	1.8 J	5.6 U	2.6 J	5 U	5.1 U	5.4 U	12	21
anthracene	5.1 U	1.6 J	1.6 J	5.6 U	2.7 J	5 U	5.1 U	5.4 U	16	35
benz(a)anthracene	9.2	12	11	2.8 J	16	8	6.6	3.7 J	45	94
benzo(b)fluoranthene	16	21	17	3.9 J	32	18	11	5.5	49	78
benzo(k)fluoranthene	4.7 J	6.6	14 J	3.4 J	11	4.7 J	8.8	4.2 J	53 J	89
benzo(g,h,i)perylene	14	18	20	4.7 J	38 J	20 J	10	5.3 J	46 J	72 J
benzo(a)pyrene	13	19	22	5.4 J	28	17	13	6.5	73	120
chrysene	11	14	15	3.5 J	20	9.3	9.8	4.6 J	54	110
dibenz(a,h)anthracene	5.1 U	5.1 U	4.3 J	5.6 U	5 UJ	5 UJ	2.8 J	5.4 U	9.3 J	15 J
fluoranthene	15	21	24	6.2	32	16	13	9	150	260
fluorene	5.1 U	5.1 U	5.1 U	5.6 U	5 U	5 U	5.1 U	5.4 U	3.1 J	9.2
indeno(1,2,3-cd)pyrene	14	19	15	3.7 J	33 J	19 J	8.4	4.3 J	40 J	63 J
2-methylnaphthalene	5.1 U	5.1 U	5.1 U	5.6 U	5 U	5 U	5.1 U	5.4 U	5.1 U	5.5 U
naphthalene	2.2 J	1.8 J	0.81 J	5.6 U	1.8 J	1.6 J	0.72 J	0.44 J	1.6 J	2.6 J
phenanthrene	8	10	8.1	2.3 J	19	6.8	5 J	4.5 J	89	190
pyrene	17	24	36 J	9.3 J	37	20	22 J	14 J	160 J	270 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										

Continue

Table A2-10
AOC 9 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE			
	EBS 080 FF46 0040-WHA-5096 REG 0 - 0.5 8/25/2003 FWEC 2003	EBS 080 FF46 0040-WHA-5097 REG 0 - 0.5 8/25/2003 FWEC 2003	EBS 080 FF46 0040-WHA-6123 REG 0.5 - 2 8/25/2003 FWEC 2003	EBS 080 FF46 0040-WHA-6124 REG 0.5 - 2 8/25/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)				
acenaphthene	110 U	110 U	100 U	100 U
acenaphthylene	54 U	55 U	52 U	52 U
anthracene	2.2 U	2.2 U	2.1 U	0.8 J
benz(a)anthracene	5.4 U	5.5 U	5.2 U	5.2 U
benzo(b)fluoranthene	2.2 U	2.2 U	6.2	6.2
benzo(k)fluoranthene	2.2 U	2.2 U	2 J	2 J
benzo(g,h,i)perylene	7.6 U	7.7 U	7.3 U	7.3 U
benzo(a)pyrene	5.4 U	5.5 U	2 J	3 J
chrysene	5.4 U	5.5 U	5.2 U	5.2 U
dibenz(a,h)anthracene	18 U	19 U	18 U	18 U
fluoranthene	5.4 U	5.5 U	7	8
fluorene	11 U	11 U	10 U	10 U
indeno(1,2,3-cd)pyrene	5.4 U	5.5 U	5.2 U	5.2 U
2-methylnaphthalene				
naphthalene	54 U	55 U	52 U	52 U
phenanthrene	4.3 U	4.4 U	1 J	8
pyrene	11 U	11 U	6 J	6 J
Pesticides/Polychlorinated Biphenyls (µg/kg)				
Aroclor 1016	54 U	55 U	52 U	52 U
Aroclor 1221	110 U	110 U	100 U	100 U
Aroclor 1232	54 U	55 U	52 U	52 U
Aroclor 1242	54 U	55 U	52 U	52 U
Aroclor 1248	54 U	55 U	52 U	52 U
Aroclor 1254	36 U	36 U	34 U	34 U
Aroclor 1260	36 U	36 U	34 U	34 U
Herbicides (µg/kg)	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA
Metals (mg/kg)				
arsenic	2.3	2.3	3.9	5.5

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

Acronyms/Abbreviations:
bgs – below ground surface
EBS – Environmental Baseline Survey
ID – identification
FWEC – Foster Wheeler Environmental 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
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