Previous

Table A2-39
AST 039 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 070 070-003-012 070-0012M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-013 070-0013M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-013 070-0031M REG 0 - 0.5 3/30/1995 IT 2001a	EBS 070 070-003-014 070-0014M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-015 070-0015M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-015 070-0032M REG 0 - 0.5 3/30/1995 IT 2001a	EBS 195 195-Z11-021 195-0025 REG 2.5 - 3.5 10/9/1995 IT 2001a	EBS 195 32EDC-5-37 C032C917 REG 0 - 0.5 5/21/2002 BEI 2004b	EBS 195 32EDC-5-37 C032C918 REG 0.5 - 2 5/21/2002 BEI 2004b	EBS 195 32EDC-5-37 C032C919 REG 2 - 4 5/21/2002 BEI 2004b	EBS 195 32EDC-5-37 C032C920 REG 4 - 8 5/21/2002 BEI 2004b
Volatile Organic Compounds (µg/kg)											
acetone	23 U	24 U	*	24 U	24 U		12 U				
benzene	5.8 U	5.9 U		6.1 U	6 U		12 U				
bromobenzene							12 U				
bromochloromethane							12 U				
bromodichloromethane	5.8 U	5.9 U		6.1 U	6 U		12 U				
bromoform	5.8 U	5.9 U		6.1 U	6 U						
bromomethane	12 U	12 U		12 U	12 U						
2-butanone	12 U	12 U		12 U	12 U		12 U				
carbon disulfide	5.8 U	5.9 U		6.1 U	6 U		12 U				
carbon tetrachloride	5.8 U	5.9 U		6.1 U	6 U		12 U				
chlorobenzene	5.8 U	5.9 U		6.1 U	6 U		12 U				
chlorodibromomethane	5.8 U	5.9 U		6.1 U	6 U		12 U				
chloroethane	12 U	12 U		12 U	12 U		12 U				
chloroform	5.8 U	5.9 U		6.1 U	6 U		12 U				
chloromethane	12 U	12 U		12 U	12 U		12 U				
1,1-dichloroethane	5.8 U	5.9 U		6.1 U	6 U		12 U				
1,2-dichloroethane	5.8 U	5.9 U		6.1 U	6 U		12 U				
1,1-dichloroethene	5.8 U	5.9 U		6.1 U	6 U		12 U				
cis-1,2-dichloroethene	5.8 U	5.9 U		6.1 U	6 U						
trans-1,2-dichloroethene	5.8 U	5.9 U		6.1 U	6 U						
1,2-dichloroethene							12 U				
1,2-dichloropropane	5.8 U	5.9 U		6.1 U	6 U		12 U				
cis-1,3-dichloropropene							12 U				
trans-1,3-dichloropropene							12 U				
sec-dichloropropane				6.1 U	6 U						
1,1-dichloropropene				6.1 U	6 U						
cis-1,3-dichloropropene	5.8 U	5.9 U		6.1 U	6 U						
trans-1,3-dichloropropene	5.8 U	5.9 U									
ethylbenzene	5.8 U	5.9 U		6.1 U	6 U		12 U				
hexachlorobutadiene				12 U	12 U						
n-hexane	5.8 U	5.9 U									
2-hexanone	12 U	12 U					12 U				
isopropylbenzene				12 U	12 U						
4-methyl-2-pentanone	12 U	12 U		24 U	24 U		12 U				
methyl tert-butyl ether											

Table A2-39
AST 039 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 070 070-003-012 070-0012M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-013 070-0013M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-013 070-0031M REG 0 - 0.5 3/30/1995 IT 2001a	EBS 070 070-003-014 070-0014M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-015 070-0015M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-015 070-0032M REG 0 - 0.5 3/30/1995 IT 2001a	EBS 195 195-Z11-021 195-0025 REG 2.5 - 3.5 10/9/1995 IT 2001a	EBS 195 32EDC-5-37 C032C917 REG 0 - 0.5 5/21/2002 BEI 2004b	EBS 195 32EDC-5-37 C032C918 REG 0.5 - 2 5/21/2002 BEI 2004b	EBS 195 32EDC-5-37 C032C919 REG 2 - 4 5/21/2002 BEI 2004b	EBS 195 32EDC-5-37 C032C920 REG 4 - 8 5/21/2002 BEI 2004b
Volatile Organic Compounds (µg/kg) (Continued)											
methylene chloride	23 U	24 U					12 U				
styrene	5.8 U	5.9 U		6.1 U	6 U		12 U				
1,1,2,2-tetrachloroethane	5.8 U	5.9 U		6.1 U	6 U		12 U				
tetrachloroethene	5.8 U	5.9 U		6.1 U	6 U		12 U				
toluene	5.8 U	5.9 U		6.1 U	6 U		12 U				
1,1,1-trichloroethane	5.8 U	5.9 U		6.1 U	6 U		12 U				
1,1,2-trichloroethane	5.8 U	5.9 U		6.1 U	6 U		12 U				
trichloroethene	5.8 U	5.9 U		6.1 U	6 U		12 U				
trichlorofluoromethane	5.8 U	5.9 U		6.1 U	6 U						
vinyl acetate	58 U	59 U		61 U	60 U						
vinyl chloride	12 U	12 U		12 U	12 U		12 U				
meta-,para-xylene	5.8 U	5.9 U		6.1 U	6 U						
o-xylene	5.8 U	5.9 U		6.1 U	6 U						
xylenes, total							12 U				
Petroleum Hydrocarbons (µg/kg)											
diesel			2,400			4,700	28,000 U				
gasoline			560 U			550 U	600 U				
motor oil			28,000 U			160,000	28,000 U				
Semivolatile Organic Compounds (µg/kg)											
acenaphthene								2.3 J	5.4 U	5.6 U	6.1 U
acenaphthylene								5.6 U	5.4 U	5.6 U	6.1 U
anthracene								2 J	5.4 U	5.6 U	6.1 U
benz(a)anthracene								3.6 J	2 J	5.6 U	6.1 U
benzo(b)fluoranthene								3.1 J	2.6 J	5.6 U	6.1 U
benzo(k)fluoranthene								3.6 J	2.1 J	5.6 U	6.1 U
benzo(g,h,i)perylene								3.3 J	3.9 J	5.6 U	6.1 U
benzo(a)pyrene								3.7 J	3.2 J	5.6 U	6.1 U
chrysene								5.1 J	2.4 J	5.6 U	6.1 U
dibenz(a,h)anthracene								5.6 UJ	5.4 UJ	5.6 UJ	6.1 UJ
fluoranthene								16	3.9 J	5.6 U	6.1 U
fluorene								2.7 J	5.4 U	5.6 U	6.1 U
indeno(1,2,3-cd)pyrene								3.2 J	3.2 J	5.6 U	6.1 U
2-methylnaphthalene								5.6 U	5.4 U	5.6 U	6.1 U
naphthalene								5.6 U	5.4 U	5.6 U	6.1 U
phenanthrene								24	5.4 U	5.6 U	6.1 U
pyrene								17	6.8	5.6 U	6.1 U

Table A2-39
AST 039 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 070 070-003-012 070-0012M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-013 070-0013M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-013 070-0031M REG 0 - 0.5 3/30/1995 IT 2001a	EBS 070 070-003-014 070-0014M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-015 070-0015M REG 3 - 3.5 3/30/1995 IT 2001a	EBS 070 070-003-015 070-0032M REG 0 - 0.5 3/30/1995 IT 2001a	EBS 195 195-Z11-021 195-0025 REG 2.5 - 3.5 10/9/1995 IT 2001a	EBS 195 32EDC-5-37 C032C917 REG 0 - 0.5 5/21/2002 BEI 2004b	EBS 195 32EDC-5-37 C032C918 REG 0.5 - 2 5/21/2002 BEI 2004b	EBS 195 32EDC-5-37 C032C919 REG 2 - 4 5/21/2002 BEI 2004b	EBS 195 32EDC-5-37 C032C920 REG 4 - 8 5/21/2002 BEI 2004b
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)											
aluminum							3,890				
antimony							0.82 U				
arsenic							1.6 U				
barium							34.4				
beryllium							0.29 U				
cadmium							0.53 U				
calcium							2370				
chromium							31.7				
cobalt							4.3				
copper							4.7 U				
iron							7,900				
lead							5.5				
magnesium							1,870				
manganese							74.6				
mercury							0.06 UJ				
molybdenum							1.6 U				
nickel							23.4				
potassium							835				
selenium							0.67				
silver							1.4 U				
sodium							103				
thallium							0.12 U				
vanadium							18.6				
zinc							16.1				

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
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
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 A2-40
AST 039 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE	
	EBS 195 195-Z11-021 195-0024 REG 7.5 - 8.5 10/9/1995 IT 2001a	EBS 195 195-Z11-021 195-0034 FD 7.5 - 8.5 10/9/1995 IT 2001a
Volatile Organic Compounds (µg/L)		
acetone	2 UJ	2 UJ
benzene	0.5 UJ	0.5 UJ
bromodichloromethane	1 UJ	1 UJ
bromoform	1 UJ	1 UJ
bromomethane	1 UJ	1 UJ
2-butanone	2 UJ	2 UJ
carbon disulfide	1 UJ	1 UJ
carbon tetrachloride	0.5 UJ	0.5 UJ
chlorobenzene	1 UJ	1 UJ
chlorodibromomethane	1 UJ	1 UJ
chloroethane	2 UJ	2 UJ
chloroform	1 UJ	1 UJ
chloromethane	2 UJ	2 UJ
1,3-dichlorobenzene	10 U	10 U
1,4-dichlorobenzene	10 U	10 U
1,1-dichloroethane	1 UJ	1 UJ
1,2-dichloroethane	0.5 UJ	0.5 UJ
1,1-dichloroethene	1 UJ	1 UJ
1,2-dichloroethene	1 UJ	1 UJ
1,2-dichloropropane	1 UJ	1 UJ
cis-1,3-dichloropropene	0.5 UJ	0.5 UJ
trans-1,3-dichloropropene	0.5 UJ	0.5 UJ
ethylbenzene	1 UJ	1 UJ
2-hexanone	2 UJ	2 UJ
4-methyl-2-pentanone	2 UJ	2 UJ
methylene chloride	1 UJ	1 UJ
styrene	1 UJ	1 UJ
1,1,2,2-tetrachloroethane	1 UJ	1 UJ
tetrachloroethene	1 UJ	1 UJ
toluene	1 UJ	1 UJ
1,1,1-trichloroethane	1 UJ	1 UJ
1,1,2-trichloroethane	1 UJ	1 UJ
trichloroethene	1 UJ	1 UJ
vinyl chloride	0.5 UJ	0.5 UJ
xylenes, total	1 UJ	1 UJ
Petroleum Hydrocarbons (µg/L)		
diesel	100 U	100 U
gasoline	50 UJ	50 UJ
motor oil	200 U	200 U

Table A2-40
AST 039 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE	
	EBS 195 195-Z11-021 195-0024 REG 7.5 - 8.5 10/9/1995 IT 2001a	EBS 195 195-Z11-021 195-0034 FD 7.5 - 8.5 10/9/1995 IT 2001a
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	2 J
4-bromophenyl phenyl ether	10 U	10 U
butyl benzyl phthalate	3 J	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
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
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

Table A2-40
AST 039 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE	
	EBS 195 195-Z11-021 195-0024 REG 7.5 - 8.5 10/9/1995 IT 2001a	EBS 195 195-Z11-021 195-0034 FD 7.5 - 8.5 10/9/1995 IT 2001a
Semivolatile Organic Compounds (µg/L) (continued)		
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
Metals (µg/L)	NA	NA

Acronyms/Abbreviations:
- bgs – below ground surface
- EBS – Environmental Baseline Survey
- FD – field duplicate
- ID – identification
- IT — International Technology Corporation
- 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 A2-41
AST 152 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 100 LL5 0040-WHA-1906 REG 0 - 0.5 7/23/2003 FWEC 2003	EBS 100 LL5 0040-WHA-1907 REG 0.5 - 2 7/23/2003 FWEC 2003	EBS 100 LL6 0040-WHA-1901 REG 0 - 0.5 7/23/2003 FWEC 2003	EBS 100 LL6 0040-WHA-1902 REG 0.5 - 2 7/23/2003 FWEC 2003	EBS 100 LL6 0040-WHA-1903 REG 2 - 4 7/23/2003 FWEC 2003	EBS 100 LL6 0040-WHA-1904 REG 4 - 8 7/23/2003 FWEC 2003	EBS 100 LL6 0040-WHA-1905 FD 0 - 0.5 7/23/2003 FWEC 2003	EBS 100 LL7 0040-WHA-1899 REG 0 - 0.5 7/23/2003 FWEC 2003	EBS 100 LL7 0040-WHA-1900 REG 0.5 - 2 7/23/2003 FWEC 2003	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
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)											
diesel	*									11,000 U	1,000 U
motor oil										21,000 U	46,000
Semivolatile Organic Compounds (µg/kg)											
acenaphthene	5.3 U	5.3 U	1.9 J	5.3 U	5.6 U	5.9 U	5.2 J	2 J	26		
acenaphthylene	2.8 J	4.1 J	7.4	5.3 U	7.7	3.9 J	6.9	5.4	35		
anthracene	5.1 J	5.5	12	4 J	7.2	2.9 J	4.4 J	8.2	51		
benz(a)anthracene	41	32	43	12	27	18	24	42	400		
benzo(b)fluoranthene	67	55	63	12	30	24	45	73	460		
benzo(k)fluoranthene	18	16	22	3.9 J	29	22	11	22	110		
benzo(g,h,i)perylene	49	65	47	7.5	46	32	37	55	320		
benzo(a)pyrene	50	54	52	11	47 J	35 J	34	62	420		
chrysene	52	36	53	11	28	22	37	54	370		
dibenz(a,h)anthracene	8 J	6.6	7.4	5.3 U	7.9	5.3 J	5.2 J	10	51		
fluoranthene	63	54	82	19	47 J	37 J	43	89	720		
fluorene	5.3 U	5.3 U	4.1 J	1.7 J	2.4 J	5.9 U	3.6 J	1.9 J	3.3 J		
indeno(1,2,3-cd)pyrene	41	52	40	6.6 J	34	24	31	51 J	300		
2-methylnaphthalene	5.3 U	5.3 U	3.4 J	5.3 UJ	5.6 U	5.9 U	6.1	1.9 J	5.4 U		
naphthalene	2 J	2.2 J	4.1 J	5.3 UJ	3.2 J	1.3 J	7.5	2.7 J	6.1		
phenanthrene	27	21	58	17	23	13	19	40	180		
pyrene	71	77	94	21	70 J	51 J	53	100	870		
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 A2-41
AST 152 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE					
	EBS 102 102-001-002 102-0002M REG 1 - 1.5 6/16/1995 IT 2001a	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
Petroleum Hydrocarbons (µg/kg)						
diesel	1,000 U					
motor oil	62,000					
Semivolatile Organic Compounds (µg/kg)						
acenaphthene		5.3 U	5.2 U	5.2 U	5.3 U	5.9 U
acenaphthylene		5.3 U	5.2 U	5.2 U	5.3 U	2.6 J
anthracene		5.3 U	5.2 U	5.2 U	5.3 U	4.7 J
benz(a)anthracene		2.5 J	26	1.6 J	5.3 U	23
benzo(b)fluoranthene		3.9 J	36	2.1 J	1.8 J	31
benzo(k)fluoranthene		5.3 U	29	5.2 U	5.3 U	25
benzo(g,h,i)perylene		2.6 J	23	2.3 J	2.4 J	44
benzo(a)pyrene		2.4 J	33	5.2 U	5.3 U	41
chrysene		12	32	3.7 J	3.2 J	29
dibenz(a,h)anthracene		5.3 U	5.7	5.2 U	5.3 U	4.1 J
fluoranthene		1.7 J	28	1.8 J	1.5 J	58
fluorene		5.3 U	5.2 U	5.2 U	5.3 U	1.4 J
indeno(1,2,3-cd)pyrene		1.1 J	24	1.6 J	1.3 J	38
2-methylnaphthalene		5.3 U	5.2 U	5.2 U	5.3 U	5.9 U
naphthalene		5.3 U	5.2 U	5.2 U	5.3 U	2.2 J
phenanthrene		2 J	5.3	5.2 U	5.3 U	33
pyrene		2.9 J	29	2.9 J	2.2 J	76
Pesticides/Polychlorinated Biphenyls (µg/kg)	NA	NA	NA	NA	NA	NA
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA
Metals (mg/kg)	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
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 A2-42
ASTs 173A, 173B, and 173C Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE		
	EBS 115 115-001-001 115-0001 REG 0.5 - 1 6/19/1995 IT 2001a	EBS 115 115-001-001 115-0001M REG 0.5 - 1 6/19/1995 IT 2001a	EBS 115 115-001-002 115-0002 REG 0.5 - 1 6/19/1995 IT 2001a
Volatile Organic Compounds (µg/kg)	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA
diesel	54,000 U	11,000 U	56,000 U
motor oil	730,000 J	3,000,000	570,000 J
Semivolatile Organic Compounds (µg/kg)	NA	NA	NA
Pesticides/Polychlorinated Biphenyls (µg/kg)	NA	NA	NA
Herbicides (µg/kg)	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA
Metals (mg/kg)	NA	NA	NA

Acronyms/Abbreviations:
- bgs – below ground surface
- EBS – Environmental Baseline Survey
- 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

Table A2-43
AST 392 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE								
	EBS 189 189-001-001 189-0001 REG 0 - 0.5 5/11/1995 IT 2001a	EBS 189 189-001-002 189-0002 REG 0 - 0.5 5/11/1995 IT 2001a	EBS 189 189-002-003 189-0003 REG 4.5 - 5 11/9/1995 IT 2001a	EBS 189 189-002-004 189-0004 REG 6 - 7 11/2/1995 IT 2001a	EBS 189 32EDC-5-83 C032CB19 REG 0 - 0.5 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB20 REG 0.5 - 2 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB21 FD 0.5 - 2 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB22 REG 2 - 4 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB23 REG 4 - 8 5/16/2002 BEI 2003a
Volatile Organic Compounds (µg/kg)									
acetone				51 U					
benzene				11 U					
bromodichloromethane				11 U					
bromoform				11 U					
bromomethane				11 U					
2-butanone				11 U					
carbon disulfide				11 U					
carbon tetrachloride				11 U					
chlorobenzene				11 U					
chlorodibromomethane				11 U					
chloroethane				11 U					
chloroform				11 U					
chloromethane				11 U					
1,3-dichlorobenzene			350 U	350 U					
1,4-dichlorobenzene			350 U	350 U					
1,1-dichloroethane				11 U					
1,2-dichloroethane				11 U					
1,1-dichloroethene				11 U					
1,2-dichloroethene				11 U					
1,2-dichloropropane				11 U					
cis-1,3-dichloropropene				11 U					
trans-1,3-dichloropropene				11 U					
ethylbenzene				11 U					
2-hexanone				11 U					
4-methyl-2-pentanone				11 U					
methylene chloride				11 U					
styrene				11 U					
1,1,2,2-tetrachloroethane				11 U					
tetrachloroethene				11 U					
toluene				11 U					
1,2,4-trichlorobenzene			350 U	350 U					
1,1,1-trichloroethane				11 U					
1,1,2-trichloroethane				11 U					
trichloroethene				11 U					
vinyl chloride				11 U					
xylenes, total				11 U					
Petroleum Hydrocarbons (µg/kg)									
diesel	11,000 U	51,000 U	26,000 UJ	27,000 U					
gasoline			530 U	540 U					
motor oil	69,000 J	300,000 J	26000 UJ	27,000 U					

Table A2-43
AST 392 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE								
	EBS 189 189-001-001 189-0001 REG 0 - 0.5 5/11/1995 IT 2001a	EBS 189 189-001-002 189-0002 REG 0 - 0.5 5/11/1995 IT 2001a	EBS 189 189-002-003 189-0003 REG 4.5 - 5 11/9/1995 IT 2001a	EBS 189 189-002-004 189-0004 REG 6 - 7 11/2/1995 IT 2001a	EBS 189 32EDC-5-83 C032CB19 REG 0 - 0.5 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB20 REG 0.5 - 2 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB21 FD 0.5 - 2 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB22 REG 2 - 4 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB23 REG 4 - 8 5/16/2002 BEI 2003a
Semivolatile Organic Compounds (µg/kg)									
acenaphthene					5.2 U	5.2 U	5.2 U	5.2 U	5.5 U
acenaphthylene					5.2 U	5.2 U	5.2 U	5.2 U	1.1 J
anthracene					0.71 J	5.2 U	1.4 J	5.2 U	0.93 J
benz(a)anthracene					9.7	1.2 J	1.3 J	0.88 J	4.8 J
benzo(b)fluoranthene					13 J	2 J	2.6 J	1.7 J	4.5 J
benzo(k)fluoranthene					13	1.3 J	1.7 J	1.1 J	6
benzo(g,h,i)perylene					10	2.3 J	4.8 J	2 J	4.2 J
benzo(a)pyrene					12	2 J	2 J	1.3 J	6.4
bis(2-chloroethoxy)methane			350 U	350 U					
bis(2-chloroethyl)ether			350 U	350 U					
bis(2-chloro-1-methylethyl)ether			350 U	350 U					
bis(2-ethylhexyl)phthalate			350 U	350 U					
4-bromophenyl phenyl ether			350 U	350 U					
butyl benzyl phthalate			350 U	350 U					
carbazole			350 U	350 U					
4-chloroaniline			350 U	350 U					
4-chloro-3-methylphenol			350 U	350 U					
2-chloronaphthalene			350 U	350 U					
2-chlorophenol			350 U	350 U					
4-chlorophenyl phenyl ether			350 U	350 U					
chrysene					12	2.9 J	1.5 J	1.2 J	5.4 J
dibenz(a,h)anthracene					3.2 J	0.39 J	0.33 J	0.45 J	0.96 J
di-n-butyl phthalate			350 U	350 U					
dibenzofuran			350 U	350 U					
1,2-dichlorobenzene			350 U	350 U					
3,3'-dichlorobenzidine			350 U	350 U					
2,4-dichlorophenol			350 U	350 U					
diethyl phthalate			350 U	350 U					
2,4-dimethylphenol			350 U	350 U					
dimethyl phthalate			350 U	350 U					
4,6-dinitro-2-methylphenol			850 U	850 U					
2,4-dinitrophenol			850 U	850 U					
2,4-dinitrotoluene			350 U	350 U					
2,6-dinitrotoluene			350 U	350 U					
di-n-octyl phthalate			350 U	350 U					
fluoranthene					14	2 J	1.5 J	1.2 J	11
fluorene					5.2 U	5.2 U	5.2 U	5.2 U	5.5 U
hexachlorobenzene			350 U	350 U					
hexachlorobutadiene			350 U	350 U					
hexachlorocyclopentadiene			350 U	350 U					
hexachloroethane			350 U	350 U					
indeno(1,2,3-cd)pyrene					10	1.8 J	3.1 J	2 J	4.1 J
isophorone			350 U	350 U					

Table A2-43
AST 392 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE								
	EBS 189 189-001-001 189-0001 REG 0 - 0.5 5/11/1995 IT 2001a	EBS 189 189-001-002 189-0002 REG 0 - 0.5 5/11/1995 IT 2001a	EBS 189 189-002-003 189-0003 REG 4.5 - 5 11/9/1995 IT 2001a	EBS 189 189-002-004 189-0004 REG 6 - 7 11/2/1995 IT 2001a	EBS 189 32EDC-5-83 C032CB19 REG 0 - 0.5 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB20 REG 0.5 - 2 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB21 FD 0.5 - 2 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB22 REG 2 - 4 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB23 REG 4 - 8 5/16/2002 BEI 2003a
Semivolatile Organic Compounds (µg/kg) (Continued)									
2-methylnaphthalene					5.2 U	5.2 U	5.2 U	5.2 U	5.5 U
2-methylphenol			350 U	350 U					
4-methylphenol			350 U	350 U					
naphthalene					0.51 J	5.2 U	5.2 U	5.2 U	5.5 U
2-nitroaniline			850 U	850 U					
3-nitroaniline			850 U	850 U					
4-nitroaniline			850 U	850 U					
nitrobenzene			350 U	350 U					
2-nitrophenol			350 U	350 U					
4-nitrophenol			850 U	850 U					
N-nitrosodiphenylamine			350 U	350 U					
N-nitroso-di-n-propylamine			350 U	350 U					
pentachlorophenol			850 U	850 U					
phenanthrene					4.4 J	1.1 J	0.58 J	0.51 J	5.7
phenol			350 U	350 U					
pyrene					14 J	3.1 J	1.9 J	1.7 J	14 J
2,4,5-trichlorophenol			850 U	850 U					
2,4,6-trichlorophenol			350 U	350 U					
Pesticides/Polychlorinated Biphenyls (µg/kg)									
Herbicides (µg/kg)									
Organotins (mg/kg)									

Table A2-43
AST 392 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE								
	EBS 189 189-001-001 189-0001 REG 0 - 0.5 5/11/1995 IT 2001a	EBS 189 189-001-002 189-0002 REG 0 - 0.5 5/11/1995 IT 2001a	EBS 189 189-002-003 189-0003 REG 4.5 - 5 11/9/1995 IT 2001a	EBS 189 189-002-004 189-0004 REG 6 - 7 11/2/1995 IT 2001a	EBS 189 32EDC-5-83 C032CB19 REG 0 - 0.5 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB20 REG 0.5 - 2 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB21 FD 0.5 - 2 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB22 REG 2 - 4 5/16/2002 BEI 2003a	EBS 189 32EDC-5-83 C032CB23 REG 4 - 8 5/16/2002 BEI 2003a
Metals (mg/kg)									
aluminum			5,040	4,330					
antimony			1 UJ	0.78 U					
arsenic			2.6 U	1.7 U					
barium			37.7 J	25.6					
beryllium			0.27 U	0.26 U					
cadmium			0.49 U	0.5 U					
calcium			2,860	2,440					
chromium			33.2	30.6					
cobalt			5.4	3.9					
copper			10 J	6					
iron			9,580	8,710					
lead			17.4	1.4 U					
magnesium			2,520	2,340					
manganese			105	104					
mercury			0.06	0.05 U					
molybdenum			1.5 U	1.5 U					
nickel			24.5	23.8					
potassium			840	473					
selenium			0.55 U	0.56 U					
silver			1.3 U	1.3 U					
sodium			111	109					
thallium			0.11 UJ	0.11 UJ					
vanadium			22.6	19.6					
zinc			65.4	17 J					

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

Table A2-44
UST(R)-11 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE				
	EBS 123 123-0027 123-0027 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0028 123-0028 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0029 123-0029 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0030 123-0030 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0031 123-0031 REG 0 - 1 8/18/1999 IT 2001a
Volatile Organic Compounds (µg/kg)					
benzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
bromobenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
bromochloromethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
bromodichloromethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
bromoform	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
bromomethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
n-butylbenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
sec-butylbenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
tert-butylbenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
carbon tetrachloride	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
chlorobenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
chlorodibromomethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
chloroethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
chloroform	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
chloromethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
2-chlorotoluene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
4-chlorotoluene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,2-dibromo-3-chloropropane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,2-dibromoethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
dibromomethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,3-dichlorobenzene	5.6 U	540 U	5.5 U	5.5 U	5.3 U
1,4-dichlorobenzene	5.6 U	540 U	5.5 U	5.5 U	5.3 U
dichlorodifluoromethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,1-dichloroethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,2-dichloroethane	5.6 UJ	5.4 UJ	5.5 UJ	5.5 UJ	5.3 UJ
1,1-dichloroethene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
cis-1,2-dichloroethene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
trans-1,2-dichloroethene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,2-dichloropropane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,3-dichloropropane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
sec-dichloropropane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,1-dichloropropene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
cis-1,3-dichloropropene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
trans-1,3-dichloropropene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
ethylbenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
isopropylbenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
p-isopropyltoluene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
methyl tert-butyl ether	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
methylene chloride	2 J	2 J	5.5 U	5.5 U	2 J
n-propylbenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
styrene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,1,1,2-tetrachloroethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U

Table A2-44
UST(R)-11 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE				
	EBS 123 123-0027 123-0027 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0028 123-0028 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0029 123-0029 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0030 123-0030 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0031 123-0031 REG 0 - 1 8/18/1999 IT 2001a
Volatile Organic Compounds (µg/kg) (Continued)					
1,1,2,2-tetrachloroethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
tetrachloroethene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
toluene	5.6 UJ	5.4 UJ	5.5 UJ	5.5 UJ	5.3 UJ
1,2,3-trichlorobenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,2,4-trichlorobenzene	5.6 U	540 U	5.5 U	5.5 U	5.3 U
1,1,1-trichloroethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,1,2-trichloroethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
trichloroethene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
trichlorofluoromethane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,2,3-trichloropropane	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,2,4-trimethylbenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
1,3,5-trimethylbenzene	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
vinyl chloride	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
xylenes, total	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
Petroleum Hydrocarbons (µg/kg)					
diesel	11,000 U	54,000 U	55,000 U	14,000 J	4,000 J
gasoline	560 U	540 U	550 U	550 U	530 U
motor oil	11,000 U	86,000	110,000	140,000	67,000
Semivolatile Organic Compounds (µg/kg)					
bis(2-chloroethoxy)methane	*	540 U			
bis(2-chloroethyl)ether		540 U			
bis(2-chloro-1-methylethyl)ether		540 U			
bis(2-ethylhexyl)phthalate		540 U			
4-bromophenyl phenyl ether		540 U			
butyl benzyl phthalate		540 U			
4-chloroaniline		1,100 U			
4-chloro-3-methylphenol		1,100 U			
2-chloronaphthalene		540 U			
2-chlorophenol		540 U			
4-chlorophenyl phenyl ether		540 U			
di-n-butyl phthalate		540 U			
dibenzofuran		540 U			
1,2-dichlorobenzene	5.6 U	540 U	5.5 U	5.5 U	5.3 U
3,3'-dichlorobenzidine		1,100 U			
2,4-dichlorophenol		540 U			
diethyl phthalate		540 U			
2,4-dimethylphenol		540 U			
dimethyl phthalate		540 U			
4,6-dinitro-2-methylphenol		2,700 U			
2,4-dinitrophenol		2,700 U			
2,4-dinitrotoluene		540 U			
2,6-dinitrotoluene		540 U			
di-n-octyl phthalate		540 U			

Table A2-44
UST(R)-11 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE				
	EBS 123 123-0027 123-0027 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0028 123-0028 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0029 123-0029 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0030 123-0030 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0031 123-0031 REG 0 - 1 8/18/1999 IT 2001a
Semivolatile Organic Compounds (µg/kg) (continued)					
hexachlorobenzene		540 U			
hexachlorobutadiene	5.6 U	540 U	5.5 U	5.5 U	5.3 U
hexachlorocyclopentadiene		540 U			
hexachloroethane		540 U			
isophorone		540 U			
2-methylphenol		540 U			
4-methylphenol		540 U			
2-nitroaniline		2,700 U			
3-nitroaniline		2,700 U			
4-nitroaniline		2,700 U			
nitrobenzene		540 U			
2-nitrophenol		540 U			
4-nitrophenol		2,700 U			
N-nitrosodiphenylamine		540 U			
N-nitroso-di-n-propylamine		540 U			
pentachlorophenol		2,700 U			
phenol		540 U			
2,4,5-trichlorophenol		540 U			
2,4,6-trichlorophenol		540 U			
Pesticides/Polychlorinated Biphenyls (µg/kg)					
aldrin	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
Aroclor 1016	56 U	54 U	55 U	55 U	270 U
Aroclor 1221	110 U	110 U	110 U	110 U	530 U
Aroclor 1232	56 U	54 U	55 U	55 U	270 U
Aroclor 1242	56 U	54 U	55 U	55 U	270 U
Aroclor 1248	56 U	54 U	55 U	55 U	270 U
Aroclor 1254	28 U	27 U	27 U	28 U	130 U
Aroclor 1260	28 U	27 U	11 J	28 U	130 U
alpha-BHC	1.1 U	1.1 U	0.2 J	1.1 U	5.3 U
beta-BHC	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
delta-BHC	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
alpha-chlordane	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
gamma-chlordane	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
chlordane, technical	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
4,4'-DDD	2.3 U	2.2 U	2.2 U	2.2 U	11 U
4,4'-DDE	2.3 U	2.2 U	2.2 U	2.2 U	11 U
4,4'-DDT	2.3 U	2.2 U	2.2 U	2.2 U	11 U

Table A2-44
UST(R)-11 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/ DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE				
	EBS 123 123-0027 123-0027 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0028 123-0028 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0029 123-0029 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0030 123-0030 REG 0 - 1 8/18/1999 IT 2001a	EBS 123 123-0031 123-0031 REG 0 - 1 8/18/1999 IT 2001a
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)					
dieldrin	2.3 U	2.2 U	2.2 U	2.2 U	11 U
endosulfan I	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
endosulfan II	2.3 U	2.2 U	2.2 U	2.2 U	11 U
endosulfan sulfate	5.6 U	5.4 U	5.5 U	5.5 U	27 U
endrin	2.3 U	2.2 U	2.2 U	2.2 U	11 U
endrin aldehyde	2.3 U	2.2 U	2.2 U	2.2 U	11 U
endrin ketone	2.3 U	2.2 U	2.2 U	2.2 U	11 U
heptachlor	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
heptachlor epoxide	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
methoxychlor	11 U	11 U	11 U	11 U	53 U
toxaphene	110 U	110 U	110 U	110 U	530 U
Herbicides (µg/kg)	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA
Metals (mg/kg)					
antimony	5.6 U	5.4 U	5.5 U	5.5 U	5.3 U
arsenic	3	2.2	4.1	4.9	1.8
barium	102	34.8	42.9	50.7	47.8
beryllium	0.23 U	0.22 U	0.22 U	0.22 U	0.21 U
cadmium	0.018 J	0.04 J	0.17 J	0.17 J	0.067 J
chromium	25.1	34.7	26	34.3	48.5
cobalt	9	6.1	7.9	9.8	5.8
copper	20.2	10	18.4	23.5	8.9
lead	3.6	10.1	18.4	59.4	8.1
mercury	1.6	0.055 J	0.082 J	0.15 J	0.21 U
molybdenum	0.23 U	0.22 U	0.22 U	0.22 U	0.21 U
nickel	23.2	26.4	23	29.9	25.5
selenium	0.56 U	0.54 U	0.55 U	0.55 U	0.53 U
silver	0.56 U	0.54 U	0.55 U	0.55 U	0.53 U
thallium	0.56 U	0.54 U	0.55 U	0.55 U	0.53 U
vanadium	37	30.1	41.5	32.7	30.6
zinc	39.6	27.4	68.6	73.9	24.7

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/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 A2-45
UST(R)-11 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE			
	EBS 123 123-0040 123-0040 REG 6 - 10 8/18/1999 IT 2001a	EBS 123 123-0041 123-0041 REG 4 - 8 8/18/1999 IT 2001a	EBS 123 123-0042 123-0042 REG 4 - 8 8/18/1999 IT 2001a	EBS 123 123-0043 123-0043 REG 4 - 8 8/18/1999 IT 2001a
Volatile Organic Compounds (µg/L)				
benzene	1 U	1 U	1 U	1 U
bromobenzene	1 U	1 U	1 U	1 U
bromochloromethane	1 U	1 U	1 U	1 U
bromodichloromethane	1 U	1 U	1 U	1 U
bromoform	1 U	1 U	1 U	1 U
bromomethane	1 U	1 U	1 U	1 U
n-butylbenzene	1 U	1 U	1 U	1 U
sec-butylbenzene	1 U	1 U	1 U	1 U
tert-butylbenzene	1 U	1 U	1 U	1 U
carbon tetrachloride	1 U	1 U	1 U	1 U
chlorobenzene	1 U	1 U	1 U	1 U
chlorodibromomethane	1 U	1 U	1 U	1 U
chloroethane	1 U	1 U	1 U	1 U
chloroform	1 U	1 U	1 U	1 U
chloromethane	1 U	1 U	1 U	1 U
2-chlorotoluene	1 U	1 U	1 U	1 U
4-chlorotoluene	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	1.4 U	1.4 U	1.4 U	1.4 U
1,2-dibromoethane	1 U	1 U	1 U	1 U
dibromomethane	1 U	1 U	1 U	1 U
1,2-dichlorobenzene	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	1 U	1 U	1 U	1 U
dichlorodifluoromethane	1 U	1 U	1 U	1 U
1,1-dichloroethane	1 U	1 U	1 U	1 U
1,2-dichloroethane	1 U	1 U	1 U	1 U
1,1-dichloroethene	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	1 U	1 U	1 U	1 U
1,2-dichloropropane	1 U	1 U	1 U	1 U
1,3-dichloropropane	1 U	1 U	1 U	1 U
sec-dichloropropane	1 U	1 U	1 U	1 U
1,1-dichloropropene	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	1 U	1 U	1 U	1 U
ethylbenzene	1 U	1 U	1 U	1 U
hexachlorobutadiene	1 U	1 U	1 U	1 U
isopropylbenzene	1 U	1 U	1 U	1 U
p-isopropyltoluene	1 U	1 U	1 U	1 U
methyl tert-butyl ether	1 U	1 U	1 U	1 U
methylene chloride	1 U	1 U	1 U	1 U
naphthalene	1 U	1 U	1 U	1 U
n-propylbenzene	1 U	1 U	1 U	1 U
styrene	1 U	1 U	1 U	1 U
1,1,1,2-tetrachloroethane	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	1 U	1 U	1 U	1 U

Table A2-45
UST(R)-11 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE			
	EBS 123 123-0040 123-0040 REG 6 - 10 8/18/1999 IT 2001a	EBS 123 123-0041 123-0041 REG 4 - 8 8/18/1999 IT 2001a	EBS 123 123-0042 123-0042 REG 4 - 8 8/18/1999 IT 2001a	EBS 123 123-0043 123-0043 REG 4 - 8 8/18/1999 IT 2001a
Volatile Organic Compounds (µg/L) (continued)				
tetrachloroethene	1 U	1 U	1 U	1 U
toluene	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	1 U	1 U	1 U	1 U
1,2,4-trichlorobenzene	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	1 U	1 U	1 U	1 U
trichloroethene	1 U	1 U	1 U	1 U
trichlorofluoromethane	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	1 U	1 U	2	0.6 J
1,3,5-trimethylbenzene	1 U	1 U	1 U	1 U
vinyl chloride	1 U	1 U	1 U	1 U
xylenes, total	1 U	1 U	1 U	1 U
Petroleum Hydrocarbons (µg/L)				
diesel	70 J	200	80 J	240
gasoline	50 U	50 U	30 J	50 U
motor oil	70 J	200	70 J	100
Semivolatile Organic Compounds (µg/L)	NA	NA	NA	NA
Pesticides/Polychlorinated Biphenyls (µg/L)				
aldrin	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor-1016	2 U	2 U	2 U	2 U
Aroclor-1221	5 U	5 U	5 U	5 U
Aroclor-1232	2 U	2 U	2 U	2 U
Aroclor-1242	2 U	2 U	2 U	2 U
Aroclor-1248	2 U	2 U	2 U	2 U
Aroclor-1254	1 U	1 U	1 U	1 U
Aroclor-1260	1 U	1 U	1 U	1 U
alpha-BHC	0.05 U	0.05 U	0.05 U	0.05 U
beta-BHC	0.05 U	0.05 U	0.05 U	0.05 U
delta-BHC	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	0.05 U	0.05 U	0.05 U	0.05 U
alpha-chlordane	0.05 U	0.05 U	0.05 U	0.05 U
gamma-chlordane	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDD	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U	0.1 U
dieldrin	0.1 U	0.1 U	0.1 U	0.1 U
endosulfan I	0.05 U	0.05 U	0.05 U	0.05 U
endosulfan II	0.1 U	0.1 U	0.1 U	0.1 U
endosulfan sulfate	0.5 U	0.5 U	0.5 U	0.5 U
endrin	0.1 U	0.1 U	0.1 U	0.1 U
endrin aldehyde	0.1 U	0.1 U	0.1 U	0.1 U
endrin ketone	0.1 U	0.1 U	0.1 U	0.1 U
heptachlor	0.05 U	0.05 U	0.05 U	0.05 U
heptachlor epoxide	0.05 U	0.05 U	0.05 U	0.05 U
methoxychlor	2 U	2 U	2 U	2 U
toxaphene	5 U	5 U	5 U	5 U

Table A2-45
UST(R)-11 Previous Investigations Data – Water

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE			
	EBS 123 123-0040 123-0040 REG 6 - 10 8/18/1999 IT 2001a	EBS 123 123-0041 123-0041 REG 4 - 8 8/18/1999 IT 2001a	EBS 123 123-0042 123-0042 REG 4 - 8 8/18/1999 IT 2001a	EBS 123 123-0043 123-0043 REG 4 - 8 8/18/1999 IT 2001a
Herbicides (µg/L)	NA	NA	NA	NA
Organotins (µg/L)	NA	NA	NA	NA
Metals (µg/L)				
antimony	10 U	10 U	10 U	10 U
arsenic	6.8	9.7	16	13.9
barium	45.9	43.3	46.9	45.7
beryllium	2 U	2 U	2 U	2 U
cadmium	0.23 J	0.15 J	2 U	0.16 J
chromium	0.53 J	0.54 J	0.58 J	2.1 J
cobalt	3.7 J	0.81 J	1.2 J	2 J
copper	4.7 J	2.1 J	1.7 J	2.4 J
lead	5 U	5 U	1.2 J	5 U
mercury	0.5 U	0.5 U	0.5 U	0.12 J
molybdenum	6.7	7.7	10.5	10
nickel	2.8 J	3 J	2.9 J	6.3
selenium	10 U	10 U	10 U	10 U
silver	10 U	10 U	0.61 J	10 U
thallium	10 U	10 U	10 U	10 U
vanadium	1.9 J	1.1 J	0.7 J	3.2 J
zinc	12	54.2	3.2 J	9.1

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

Table A2-46
PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil
(Areas of Concern 1 Through 7, 10, 11, 21, and 22)

	EBS PARCEL OR DECISION AREA/PAH AREA/ STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE																
	EBS 045	EBS 045	EBS 045	EBS 045	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01
	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3
	32EDC-5-7	32EDC-5-7	32EDC-5-7	32EDC-5-7	32EDC-5-33	32EDC-5-33	32EDC-5-33	32EDC-5-33	32EDC-5-33	32EDC-5-34	32EDC-5-34	32EDC-5-34	32EDC-5-34	32EDC-5-42	32EDC-5-42	32EDC-5-42	32EDC-5-42
	C032C785	C032C786	C032C787	C032C788	C032C899	C032C900	C032C901	C032C902	C032C903	C032C904	C032C905	C032C906	C032C907	C032C939	C032C940	C032C941	C032C942
	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0.5 - 2	2 - 4	4 - 8
	5/13/2002	5/13/2002	5/13/2002	5/13/2002	5/14/2002	5/14/2002	5/14/2002	5/14/2002	5/14/2002	5/15/2002	5/15/2002	5/15/2002	5/15/2002	5/14/2002	5/14/2002	5/14/2002	5/14/2002
Analyte	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b
Semivolatile Organic Compounds (µg/kg)																	
acenaphthene	5.4 U	5.7 U	46	6 U	2.2 J	9.3	5.8 U	5.9 U	15	5.3 UJ	2 J	5.9 UJ	6 UJ	5.1 U	5.2 U	14	6.2 U
acenaphthylene	3.6 J	5.7 U	2.4 J	2.2 J	9 J	18 J	5.8 U	5.9 U	37 J	5.3 UJ	120 J	5.9 UJ	1.7 J	5.1 U	5.2 U	100	6.2 U
anthracene	6.9 J	5.7 UJ	170 J	5.1 J	8.2	5.8 U	5.8 U	60	66	1.7 J	88 J	5.9 UJ	2.1 J	2.1 J	5.2 U	150	6.2 U
benz(a)anthracene	24 J	26 J	830 J	8.4 J	74 J	150 J	310 J	350 J	760 J	21 J	1700 J	12 J	20 J	18	9.9	530	4.6 J
benzo(b)fluoranthene	26	5.7 U	740	3.5 J	100 J	190 J	330 J	260 J	650 J	32 J	2200 J	18 J	32 J	27	16	600	7.9
benzo(k)fluoranthene	20	5.7 U	580	4.8 J	79 J	160 J	300 J	280 J	410 J	17 J	1700 J	11 J	22 J	22	13	510	7.1
benzoic acid																	
benzo(g,h,i)perylene	26	5.7 U	340	6.8	160 J	290 J	450 J	350 J	1000 J	31	2400	27	47	32	22	770	15
benzo(a)pyrene	31 J	5.7 UJ	640 J	11 J	140 J	280 J	500 J	420 J	1200 J	27 J	3000 J	21 J	44 J	27	16	860	12
benzyl alcohol																	
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																	
4-chloroaniline																	
4-chloro-3-methylphenol																	
2-chloronaphthalene																	
2-chlorophenol																	
4-chlorophenyl phenyl ether																	
chrysene	30 J	5.7 UJ	900 J	3.2 J	90 J	170 J	310 J	400 J	870 J	52 J	2200 J	24 J	25 J	27	14	620	6.3
dibenz(a,h)anthracene	10	5.7 U	150	5.7	17	5.8 U	5.8 U	56	6.6 U	9.1 J	220 J	4.8 J	3.5 J	3.6 J	2.1 J	64	6.2 U
di-n-butyl phthalate																	
dibenzofuran																	
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	32 J	5.7 UJ	1700 J	6.4 J	180 J	410 J	940 J	670 J	1900 J	30 J	4900 J	21 J	61 J	34	19	2100	11
fluorene	5.4 U	5.7 U	65	6 U	5.7 U	5.8 U	5.8 U	5.9 U	6.6 U	2.4 J	6.3 J	5.9 UJ	6 UJ	5.1 U	5.2 U	52	6.2 U
hexachlorobenzene																	
hexachlorobutadiene																	
hexachlorocyclopentadiene																	

Table A2-46
PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil
(Areas of Concern 1 Through 7, 10, 11, 21, and 22)

	EBS PARCEL OR DECISION AREA/PAH AREA/ STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE																
	EBS 045	EBS 045	EBS 045	EBS 045	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01	DA 01
	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3
	32EDC-5-7	32EDC-5-7	32EDC-5-7	32EDC-5-7	32EDC-5-33	32EDC-5-33	32EDC-5-33	32EDC-5-33	32EDC-5-33	32EDC-5-34	32EDC-5-34	32EDC-5-34	32EDC-5-34	32EDC-5-42	32EDC-5-42	32EDC-5-42	32EDC-5-42
	C032C785	C032C786	C032C787	C032C788	C032C899	C032C900	C032C901	C032C902	C032C903	C032C904	C032C905	C032C906	C032C907	C032C939	C032C940	C032C941	C032C942
	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0.5 - 2	2 - 4	4 - 8
	5/13/2002	5/13/2002	5/13/2002	5/13/2002	5/14/2002	5/14/2002	5/14/2002	5/14/2002	5/14/2002	5/15/2002	5/15/2002	5/15/2002	5/15/2002	5/14/2002	5/14/2002	5/14/2002	5/14/2002
Analyte	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b
Semivolatile Organic Compounds (µg/kg) (continued)																	
hexachloroethane																	
indeno(1,2,3-cd)pyrene	28	29	350	8.9	120 J	220 J	360 J	290 J	800 J	17	2300	19	41	31	21	730	12
isophorone																	
2-methylnaphthalene	5.4 U	5.7 U	2.5 J	6 U	5.7 UJ	5.8 UJ	5.8 UJ	5.9 UJ	6.6 UJ	7 J	8.1 J	5.2 J	6 UJ	5.1 U	5.2 U	2.8 J	6.2 U
2-methylphenol																	
4-methylphenol																	
naphthalene	0.8 J	5.7 U	2.5 J	6 U	5.7 UJ	5.8 UJ	5.8 UJ	5.9 UJ	36 J	3.2 J	56 J	5.9 UJ	6 UJ	1.9 J	2.1 J	26	6.2 U
2-nitroaniline																	
3-nitroaniline																	
4-nitroaniline																	
nitrobenzene																	
2-nitrophenol																	
4-nitrophenol																	
N-nitrosodiphenylamine																	
N-nitroso-di-n-propylamine																	
pentachlorophenol																	
phenanthrene	14 J	5.7 UJ	960 J	1.8 J	26 J	160 J	410 J	330 J	130 J	19 J	650 J	11 J	19 J	12	7.4	1800	2.3 J
phenol																	
pyrene	36 J	5.7 UJ	1100 J	4 J	230 J	520 J	120 J	960 J	200 J	33 J	7000 J	33 J	89 J	43	27	2600	22
1,2,4-trichlorobenzene																	
2,4,5-trichlorophenol																	
2,4,6-trichlorophenol																	

Table A2-46
PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil
(Areas of Concern 1 Through 7, 10, 11, 21, and 22)

	EBS PARCEL OR DECISION AREA/PAH AREA/ STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE													
	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02
	4	4	4	4	4	5	5	5	5	5	5	5	5	5
	B12-10	B12-10	B12-10	B12-10	B12-10	32EDC-5-49	32EDC-5-49	32EDC-5-49	32EDC-5-49	BB46	BB46	BB46	BB46	CC46
	B12-10-000	B12-10-000-DUP	B12-10-002	B12-10-008	B12-10-014	C032C970	C032C971	C032C972	C032C973	0040-WHA-1481	0040-WHA-1482	0040-WHA-1483	0040-WHA-1484	0040-WHA-1615
	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	0 - 0.5	0 - 0.5	2 - 3.5	8 - 9	14 - 15.5	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5
	8/5/1991	8/5/1991	8/5/1991	8/5/1991	8/5/1991	5/15/2002	5/15/2002	5/15/2002	5/15/2002	7/15/2003	7/15/2003	7/15/2003	7/15/2003	7/16/2003
Analyte	TtEMI 2003	TtEMI 2003	TtEMI 2003	TtEMI 2003	TtEMI 2003	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004
Semivolatile Organic Compounds (µg/kg)														
acenaphthene	410 U		82 U	100 U	100 U	5.1 U	5.2 U	5 J	54	5 U	5.4	63	5.5 U	1.9 J
acenaphthylene	410 U		82 U	100 U	100 U	2.4 J	3.7 J	14	140	2.5 J	10	160	7.5	3.4 J
anthracene	410 U		82 U	100 U	100 U	2.4 J	2.8 J	15	200	1.8 J	15	130	9.4	6
benz(a)anthracene	800		100 U	120 U	130 U	13	16	69	660 J	25	120	480	30	48
benzo(b)fluoranthene	730		100 U	120 U	130 U	14	16	66	610 J	38	130	370	32	79
benzo(k)fluoranthene	520 U		100 U	120 U	130 U	15	18	68	470 J	11	49	340	31	28
benzoic acid	4300 U		870 U	1000 U	1100 U									
benzo(g,h,i)perylene	830 U		160 U	200 U	210 U	18	24	85	640 J	24	54	340	35 J	79
benzo(a)pyrene	720 U		140 U	170 U	180 U	19	24	96	650	29	110	570	46	72
benzyl alcohol	720 U		140 U	170 U	180 U									
bis(2-chloroethoxy)methane	410 U		82 U	100 U	100 U									
bis(2-chloroethyl)ether	410 U		82 U	100 U	100 U									
bis(2-chloro-1-methylethyl)ether	410 U		82 U	100 U	100 U									
bis(2-ethylhexyl)phthalate	520 U		100 U	120 U	140 UJ									
4-bromophenyl phenyl ether	720 U		140 U	170 U	180 U									
butyl benzyl phthalate	520 U		100 U	120 U	130 U									
4-chloroaniline	1500 U		310 U	370 U	390 U									
4-chloro-3-methylphenol	720 U		140 U	170 U	180 U									
2-chloronaphthalene	410 U		82 U	100 U	100 U									
2-chlorophenol	720 U		140 U	170 U	180 U									
4-chlorophenyl phenyl ether	520 U		100 U	120 U	130 U									
chrysene	930		100 U	120 U	130 U	18	19	82	770 J	36	140	500	39	57
dibenz(a,h)anthracene	830 U		160 U	200 U	210 U	2.9 J	3.9 J	7.9 J	100 J	3.6 J	12	19	1.5 J	13
di-n-butyl phthalate	410 U		82 U	100 U	100 U									
dibenzofuran	620 U		120 U	150 U	150 U									
3,3'-dichlorobenzidine	2600 U		510 U	620 U	640 U									
2,4-dichlorophenol	720 U		140 U	170 U	180 U									
diethyl phthalate	410 U		82 U	100 U	100 U									
2,4-dimethylphenol	2600 U		510 U	620 U	640 U									
dimethyl phthalate	410 U		82 U	100 U	100 U									
4,6-dinitro-2-methylphenol	5200 U		1000 U	1200 U	1300 U									
2,4-dinitrophenol	7200 U		1400 U	1700 U	1800 U									
2,4-dinitrotoluene	720 U		140 U	170 U	180 U									
2,6-dinitrotoluene	720 U		140 U	170 U	180 U									
di-n-octyl phthalate	720 U		140 U	170 U	180 U									
fluoranthene	890		82 U	100 U	100 U	38	44	200	1900	38	170	1300	88	88
fluorene	410 U		82 U	100 U	100 U	5.1 U	5.2 U	12.5 J	19	5 U	4.5 J	59	5.5 U	5 U
hexachlorobenzene	520 U		100 U	120 U	130 U									
hexachlorobutadiene	720 U		140 U	170 U	180 U									
hexachlorocyclopentadiene	5200 U		1000 U	1200 U	1300 U									

Table A2-46
PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil
(Areas of Concern 1 Through 7, 10, 11, 21, and 22)

	EBS PARCEL OR DECISION AREA/PAH AREA/ STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE													
	EBS 185	EBS 185	EBS 185	EBS 185	EBS 185	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02
	4	4	4	4	4	5	5	5	5	5	5	5	5	5
	B12-10	B12-10	B12-10	B12-10	B12-10	32EDC-5-49	32EDC-5-49	32EDC-5-49	32EDC-5-49	BB46	BB46	BB46	BB46	CC46
	B12-10-000	B12-10-000-DUP	B12-10-002	B12-10-008	B12-10-014	C032C970	C032C971	C032C972	C032C973	0040-WHA-1481	0040-WHA-1482	0040-WHA-1483	0040-WHA-1484	0040-WHA-1615
	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	0 - 0.5	0 - 0.5	2 - 3.5	8 - 9	14 - 15.5	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5
	8/5/1991	8/5/1991	8/5/1991	8/5/1991	8/5/1991	5/15/2002	5/15/2002	5/15/2002	5/15/2002	7/15/2003	7/15/2003	7/15/2003	7/15/2003	7/16/2003
Analyte	TtEMI 2003	TtEMI 2003	TtEMI 2003	TtEMI 2003	TtEMI 2003	BEI 2004b	BEI 2004b	BEI 2004b	BEI 2004b	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004
Semivolatile Organic Compounds (µg/kg) (continued)														
hexachloroethane	520 U		100 U	120 U	130 U									
indeno(1,2,3-cd)pyrene	830 U		160 U	200 U	210 U	18	24	85	610 J	21 J	57 J	290	29 J	69
isophorone	410 U		82 U	100 U	100 U									
2-methylnaphthalene	920		100 U	120 U	130 U	0.33 J	0.31 J	0.5 J	2.7 J	5 U	5.1 U	5.2 U	5.5 U	5 U
2-methylphenol	720 U		140 U	170 U	180 U									
4-methylphenol	720 U		140 U	170 U	180 U									
naphthalene	1000		82 U	100 U	100 U	0.68 J	0.78 J	2.1 J	14 J	5 U	2.1 J	7.8	5.5 U	4.1 J
2-nitroaniline	830 U		160 U	200 U	210 U									
3-nitroaniline	1500 U		310 U	370 U	390 U									
4-nitroaniline	830 U		160 U	200 U	210 U									
nitrobenzene	410 U		82 U	100 U	100 U									
2-nitrophenol	720 U		140 U	170 U	180 U									
4-nitrophenol	2600 U		510 U	620 U	640 U									
N-nitrosodiphenylamine	410 U		82 U	100 U	100 U									
N-nitroso-di-n-propylamine	520 U		100 U	120 U	130 U									
pentachlorophenol	2600 U		510 U	620 U	640 U									
phenanthrene	1500		82 U	100 U	100 U	13	15	71	1000 J	13	72	1100	63	33
phenol	720 U		140 U	170 U	180 U									
pyrene	1100		82 U	100 U	100 U	47	57	240	2200 J	48	210	1500	100	110
1,2,4-trichlorobenzene	520 U		100 U	120 U	130 U									
2,4,5-trichlorophenol	1500 U		310 U	370 U	390 U									
2,4,6-trichlorophenol	1500 U		310 U	370 U	390 U									

Table A2-46
PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil
(Areas of Concern 1 Through 7, 10, 11, 21, and 22)

	EBS PARCEL OR DECISION AREA/PAH AREA/ STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 03	DA 03	DA 03
	5	5	5	6	6	6	6	6	6	7	7	7
	CC46	CC46	CC46	Y43	Y43	Y43	Y43	Y43	Y43	32EDC-5-89	32EDC-5-89	H29
	0040-WHA-1616	0040-WHA-1617	0040-WHA-1618	0040-WHA-1464	0040-WHA-1465	0040-WHA-5096	0040-WHA-5097	0040-WHA-6123	0040-WHA-6124	C032CB48	C032CB49	0040-WHA-3529
	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	0.5 - 2	2 - 4	4 - 8	2 - 4	4 - 8	0 - 0.5	0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	4 - 8	0 - 0.5
	7/16/2003	7/16/2003	7/16/2003	7/14/2003	7/14/2003	8/25/2003	8/25/2003	8/25/2003	8/25/2003	5/20/2002	5/20/2002	7/17/2003
Analyte	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	BEI 2004b	BEI 2004b	FW 2004
Semivolatile Organic Compounds (µg/kg)												
acenaphthene	5.1 U	580	5.9 UJ	120	64 U	110 U	110 U	100 U	100 U	5.6 U	150	2.2 J
acenaphthylene	4 J	440	1.1 J	1000	24 J	54 U	55 U	52 U	52 U	2.1 J	250	6.1
anthracene	5.8	1200	5.9 UJ	2000	30 J	2.2 U	2.2 U	2.1 U	0.8 J	3.3 J	510	12
benz(a)anthracene	38	1800	10 J	2400	98	5.4 U	5.5 U	5.2 U	5.2 U	11	1300	80
benzo(b)fluoranthene	58	1400	10 J	1700	84	2.2 U	2.2 U	6.2	6.2	15	970	120
benzo(k)fluoranthene	21	1700 J	11 J	2200	110	2.2 U	2.2 U	2 J	2 J	16	1000	48
benzoic acid												
benzo(g,h,i)perylene	68	1300	11 J	2400	120	7.6 U	7.7 U	7.3 U	7.3 U	28	1100	120
benzo(a)pyrene	56	2500 J	16 J	3000 J	150 J	5.4 U	5.5 U	2 J	3 J	22	1700	100
benzyl alcohol												
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												
4-chloroaniline												
4-chloro-3-methylphenol												
2-chloronaphthalene												
2-chlorophenol												
4-chlorophenyl phenyl ether												
chrysene	42	2300	12 J	3200	110	5.4 U	5.5 U	5.2 U	5.2 U	17	1300	92
dibenz(a,h)anthracene	5.1 U	290	2.3 J	550	20 J	18 U	19 U	18 U	18 U	5.6 U	130	24
di-n-butyl phthalate												
dibenzofuran												
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	75	6100	21 J	8700 J	280 J	5.4 U	5.5 U	7	8	34	3900	140
fluorene	5.1 U	390	5.9 UJ	400	64 U	11 U	11 U	10 U	10 U	5.6 U	250	2.6 J
hexachlorobenzene												
hexachlorobutadiene												
hexachlorocyclopentadiene												

Table A2-46
PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil
(Areas of Concern 1 Through 7, 10, 11, 21, and 22)

	EBS PARCEL OR DECISION AREA/PAH AREA/ STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 02	DA 03	DA 03	DA 03
	5	5	5	6	6	6	6	6	6	7	7	7
	CC46	CC46	CC46	Y43	Y43	Y43	Y43	Y43	Y43	32EDC-5-89	32EDC-5-89	H29
	0040-WHA-1616	0040-WHA-1617	0040-WHA-1618	0040-WHA-1464	0040-WHA-1465	0040-WHA-5096	0040-WHA-5097	0040-WHA-6123	0040-WHA-6124	C032CB48	C032CB49	0040-WHA-3529
	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	0.5 - 2	2 - 4	4 - 8	2 - 4	4 - 8	0 - 0.5	0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	4 - 8	0 - 0.5
	7/16/2003	7/16/2003	7/16/2003	7/14/2003	7/14/2003	8/25/2003	8/25/2003	8/25/2003	8/25/2003	5/20/2002	5/20/2002	7/17/2003
Analyte	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	BEI 2004b	BEI 2004b	FW 2004
Semivolatile Organic Compounds (µg/kg)												
(continued)												
hexachloroethane												
indeno(1,2,3-cd)pyrene	61	1200	9.1 J	2000	97	5.4 U	5.5 U	5.2 U	5.2 U	22	1100	110
isophorone												
2-methylnaphthalene	5.1 U	47	5.9 UJ	27 U	64 U					5.6 U	35	5.6 U
2-methylphenol												
4-methylphenol												
naphthalene	2.7 J	110	0.59 J	66	5.1 J	54 U	55 U	52 U	52 U	5.6 U	60	3.2 J
2-nitroaniline												
3-nitroaniline												
4-nitroaniline												
nitrobenzene												
2-nitrophenol												
4-nitrophenol												
N-nitrosodiphenylamine												
N-nitroso-di-n-propylamine												
pentachlorophenol												
phenanthrene	28	5800	3.7 J	7300	110	4.3 U	4.4 U	1 J	8	18	4000	57
phenol												
pyrene	89	6500	34 J	9800 J	320 J	11 U	11 U	6 J	6 J	46	4600	140
1,2,4-trichlorobenzene												
2,4,5-trichlorophenol												
2,4,6-trichlorophenol												

Table A2-46
PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil
(Areas of Concern 1 Through 7, 10, 11, 21, and 22)

	EBS PARCEL OR DECISION AREA/PAH AREA/ STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03
	7	7	7	7	7	7	7	7	7	7	7	7
	H29	H29	H29	H30	H30	H30	H30	H30	H31	H31	H31	H31
	0040-WHA-3530	0040-WHA-3531	0040-WHA-3532	0040-WHA-3533	0040-WHA-3534	0040-WHA-3535	0040-WHA-3536	0040-WHA-3537	0040-WHA-3540	0040-WHA-3541	0040-WHA-5084	0040-WHA-5085
	REG	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG
	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0 - 0.5
	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	8/11/2003	8/11/2003
Analyte	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004
Semivolatile Organic Compounds (µg/kg)												
acenaphthene	5.1 U	4.6 J	9.3 J	1.8 J	5.1 U	5.4 U	110 U	5.2 U	99 J	810 U	110 U	110 U
acenaphthylene	4 J	20	36 J	3 J	1.6 J	1.3 J	150	5.2 U	760	880	53 U	53 U
anthracene	6.4	38	41 J	5.1 J	5.1 U	5.4 U	160	2.1 J	920	1600	2.1 U	2.1 U
benz(a)anthracene	46	96	620 J	29	16	9	1100	12	3000	1800	5.3 U	5.3 U
benzo(b)fluoranthene	63	110	910 J	57	28	20	1400	27	3200	1800	2.1 U	2.1 U
benzo(k)fluoranthene	25	38	360 J	21	8.5	5.9	1100	7.5	1200	1500	2.1 U	2.1 U
benzoic acid												
benzo(g,h,i)perylene	56	68	870 J	52	37	16	1300	26	2100	1700	7.5 U	7.4 U
benzo(a)pyrene	59	96 J	910 J	49	29	22 J	2000	24	3300 J	2700 J	5.3 U	5.3 U
benzyl alcohol												
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												
4-chloroaniline												
4-chloro-3-methylphenol												
2-chloronaphthalene												
2-chlorophenol												
4-chlorophenyl phenyl ether												
chrysene	48	100	610 J	36	17	10	1200	14	2600	2200	5.3 U	5.3 U
dibenz(a,h)anthracene	5.1 U	8.2	64 J	5.6 U	5.1 U	5.4 U	56 J	5.2 U	320	810 U	18 U	18 U
di-n-butyl phthalate												
dibenzofuran												
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	80	230 J	990 J	64	26	16 J	2900	24	6200 J	5100 J	5.3 U	5.3 U
fluorene	5.1 U	9.9	42 UJ	1.9 J	5.1 U	5.4 U	110 U	5.2 U	230 J	520 J	11 U	11 U
hexachlorobenzene												
hexachlorobutadiene												
hexachlorocyclopentadiene												

Table A2-46
PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil
(Areas of Concern 1 Through 7, 10, 11, 21, and 22)

	EBS PARCEL OR DECISION AREA/PAH AREA/ STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03
	7	7	7	7	7	7	7	7	7	7	7	7
	H29	H29	H29	H30	H30	H30	H30	H30	H31	H31	H31	H31
	0040-WHA-3530	0040-WHA-3531	0040-WHA-3532	0040-WHA-3533	0040-WHA-3534	0040-WHA-3535	0040-WHA-3536	0040-WHA-3537	0040-WHA-3540	0040-WHA-3541	0040-WHA-5084	0040-WHA-5085
	REG	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG
	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0 - 0.5
	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	8/11/2003	8/11/2003
Analyte	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004
Semivolatile Organic Compounds (µg/kg) (continued)												
hexachloroethane												
indeno(1,2,3-cd)pyrene	55	53	570 J	50	33	16	1100	26	1600	1300	5.3 U	5.3 U
isophorone												
2-methylnaphthalene	5.1 U	5.6 U	42 UJ	5.6 U	5.1 U	5.4 U	110 U	5.2 U	240 U	810 U		
2-methylphenol												
4-methylphenol												
naphthalene	1.8 J	6.2	32 J	3.3 J	1.9 J	5.4 U	71 J	5.2 U	66 J	360 J	53 U	53 U
2-nitroaniline												
3-nitroaniline												
4-nitroaniline												
nitrobenzene												
2-nitrophenol												
4-nitrophenol												
N-nitrosodiphenylamine												
N-nitroso-di-n-propylamine												
pentachlorophenol												
phenanthrene	28	240	120 J	28	7.7	5.5	560	8.8	4800	5900	4.3 U	4.2 U
phenol												
pyrene	86	340	2300 J	67	34	34	4400	30	12000	7700	11 U	11 U
1,2,4-trichlorobenzene												
2,4,5-trichlorophenol												
2,4,6-trichlorophenol												

Table A2-46
PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil
(Areas of Concern 1 Through 7, 10, 11, 21, and 22)

	EBS PARCEL OR DECISION AREA/PAH AREA/ STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03
	7	7	7	7	7	7	7	7	7	7	7	11
	H31	H31	H32	H32	H32	H32	H32	H33	H33	H33	H33	I26
	0040-WHA-6111	0040-WHA-6112	0040-WHA-3542	0040-WHA-3543	0040-WHA-3544	0040-WHA-3545	0040-WHA-3546	0040-WHA-3547	0040-WHA-3548	0040-WHA-3549	0040-WHA-3550	0040-WHA-3513
	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG
	0.5 - 2	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5
	8/18/2003	8/18/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003
Analyte	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004
Semivolatile Organic Compounds (µg/kg)												
acenaphthene	110 U	110 U	3.6 J	2 J	2.7 J	53	2.4 J	5.1 U	5.1 U	140 U	22 J	4.6 J
acenaphthylene	53 U	53 U	12	11	18	41	13	3.7 J	4.5 J	78 J	48	33
anthracene	2.1 U	2.1 U	10	7.8	16	120	8.2	4.8 J	3.8 J	74 J	75	52 J
benz(a)anthracene	5.3 U	5.3 U	93 J	70 J	75	470	97 J	27 J	27 J	360	730	230
benzo(b)fluoranthene	2 J	0.9 J	120	87	81	640	130	47	35	380	1400	370
benzo(k)fluoranthene	1 J	2.1 U	34	24	73	330	44	16	13	270	610	100
benzoic acid												
benzo(g,h,i)perylene	7.4 U	7.4 U	73	57	75	640	94	39 J	29 J	340	1500	380
benzo(a)pyrene	5.3 U	5.3 U	92	73	110	760 J	110	39	31	510 J	1000	340
benzyl alcohol												
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												
4-chloroaniline												
4-chloro-3-methylphenol												
2-chloronaphthalene												
2-chlorophenol												
4-chlorophenyl phenyl ether												
chrysene	5.3 U	5.3 U	110 J	76 J	97	550	120 J	36	31	390	1100	250
dibenz(a,h)anthracene	18 U	18 U	5.3 U	5.1 U	4.1 J	24	5.3 U	5.1 U	5.1 U	140 U	34	43
di-n-butyl phthalate												
dibenzofuran												
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	7	5.3 U	150	110	160	1000 J	150	57	51	800 J	1700	500
fluorene	11 U	11 U	4 J	2.7 J	3.8 J	32	3 J	5.1 U	5.1 U	140 U	14	8.4
hexachlorobenzene												
hexachlorobutadiene												
hexachlorocyclopentadiene												

Continue

Table A2-46
PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil
(Areas of Concern 1 Through 7, 10, 11, 21, and 22)

	EBS PARCEL OR DECISION AREA/PAH AREA/ STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03	DA 03
	7	7	7	7	7	7	7	7	7	7	7	11
	H31	H31	H32	H32	H32	H32	H32	H33	H33	H33	H33	I26
	0040-WHA-6111	0040-WHA-6112	0040-WHA-3542	0040-WHA-3543	0040-WHA-3544	0040-WHA-3545	0040-WHA-3546	0040-WHA-3547	0040-WHA-3548	0040-WHA-3549	0040-WHA-3550	0040-WHA-3513
	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG
	0.5 - 2	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	4 - 8	0 - 0.5
	8/18/2003	8/18/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003	7/17/2003
Analyte	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004	FW 2004
Semivolatile Organic Compounds (µg/kg) (continued)												
hexachloroethane												
indeno(1,2,3-cd)pyrene	5.3 U	5.3 U	67	53	64	360	82	34	25	280	980	320 J
isophorone												
2-methylnaphthalene			5.3 U	5.1 U	5.8 U	4.2 J	5.3 U	5.1 U	5.1 U	140 U	5.4 J	1.6 J
2-methylphenol												
4-methylphenol												
naphthalene	53 U	53 U	3.1 J	2 J	3.6 J	15	2.7 J	5.1 U	5.1 U	140 U	32	6
2-nitroaniline												
3-nitroaniline												
4-nitroaniline												
nitrobenzene												
2-nitrophenol												
4-nitrophenol												
N-nitrosodiphenylamine												
N-nitroso-di-n-propylamine												
pentachlorophenol												
phenanthrene	2 J	4.2 U	70	53	76	450	55	28	21	430	290	240 J
phenol												
pyrene	11 U	11 U	180	140	210	1500	180	66	61	1300	2000	600
1,2,4-trichlorobenzene												
2,4,5-trichlorophenol												
2,4,6-trichlorophenol												