Remedial Investigation
Tidal Area Sites 1, 2, 9, and 11
Naval Weapons Station, Seal Beach Detachment
Concord, California

CLEAN II
Contract No. N62474-94-D-7609
Contract Task Order No. 217
Navy Remedial Project Manager: Clint Fisher

Appendices A - E

June 1999

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Volume 3 of 4

APPENDIX A

ANALYTICAL DATA TABLES - TIDAL AREA LANDFILL SITE

LIST OF TABLES

Table

1995

A-1 ANALYTICAL RESULTS FOR SOIL, TIDAL AREA LANDFILL (SITE 1)

Notes:

Point ID	Location of the sample.
Sample ID	Number assigned before the sample is sent to the analytical laboratory. The sample ID is separate from the point (location) ID to ensure that samples are sent blind to the laboratory.
Matrix	Sample media (soil, sediment, and surface water).
Sample Date	Date of sample collection.
Sample Depth	Depth, in feet below ground surface (bgs). Soil or sediment samples collected from a depth of 0 to 0.5 feet bgs are considered surface soil or sediment, and samples collected below 0.5 feet bgs are considered subsurface samples. Surface water samples are collected at a depth of 0 feet bgs.
Result	Listed by analytical group; the concentration shown is the detected concentration.
Detection Limit	The detection limit achieved by the laboratory that is specific to the sample and analyte. The detection limit is different from the sample quantitation limit, which is not sample-specific and instead applies to the methodology.
Qualifier	A qualifier assigned after data validation. "U" indicates undetected results, "J" indicates estimated results.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB001			TLSSB001			TLSSB001			TLSSB002			TLSSB002			TLSSB002			TLSSB003			TLSSB003		
Sample ID	281TLSSS001			281TLSSS002			281TLSSS003			281TLSSS004			281TLSSS005			281TLSSS006			281TLSSS007			281TLSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95		
Sample Depth (in feet)	0.00 - 0.50			1.30 - 2.50			3.90 - 4.50			0.00 - 0.50			1.30 - 2.50			4.30 - 5.50			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
1,1,2,2-TETRACHLOROETHANE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
1,1,2-TRICHLOROETHANE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
1,1-DICHLOROETHANE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
1,1-DICHLOROETHENE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
1,2-DICHLOROETHANE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
1,2-DICHLOROETHENE (TOTAL)	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
1,2-DICHLOROPROPANE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
2-BUTANONE	NA			ND	110	U	ND	120	U	NA			ND	45	U	ND	59	U	NA			ND	250	U
2-HEXANONE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
4-METHYL-2-PENTANONE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
ACETONE	NA			ND	430	U	ND	460	U	NA			ND	150	U	ND	210	U	NA			ND	1,200	U
BENZENE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
BROMODICHLOROMETHANE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
BROMOFORM	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
BROMOMETHANE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
CARBON DISULFIDE	NA			ND	32	U	ND	48	U	NA			ND	45	U	44	59	J	NA			ND	69	U
CARBON TETRACHLORIDE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
CHLOROBENZENE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
CHLOROETHANE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
CHLOROFORM	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
CHLOROMETHANE	NA			ND	32	U	48	48	J	NA			ND	45	U	ND	59	U	NA			ND	69	U
CIS-1,3-DICHLOROPROPENE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
DIBROMOCHLOROMETHANE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
ETHYLBENZENE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
METHYLENE CHLORIDE	NA			ND	32	U	ND	48	U	NA			ND	91	U	ND	59	U	NA			ND	69	U
STYRENE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
TETRACHLOROETHENE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
TOLUENE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
TRANS-1,3-DICHLOROPROPENE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
TRICHLOROETHENE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
VINYL CHLORIDE	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U
XYLENE (TOTAL)	NA			ND	32	U	ND	48	U	NA			ND	45	U	ND	59	U	NA			ND	69	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

^ = Detected concentrations greater than the ambient metals concentrations in soils.

~ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB001			TLSSB001			TLSSB001			TLSSB002			TLSSB002			TLSSB002			TLSSB003			TLSSB003		
Sample ID	281TLSSS001			281TLSSS002			281TLSSS003			281TLSSS004			281TLSSS005			281TLSSS006			281TLSSS007			281TLSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95		
Sample Depth (in feet)	0.00 - 0.50			1.20 - 2.50			3.90 - 4.50			0.00 - 0.50			1.30 - 2.50			4.30 - 5.50			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
1,2,4-TRICHLOROBENZENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
1,2-DICHLOROBENZENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
1,3-DICHLOROBENZENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
1,4-DICHLOROBENZENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
1-METHYLNAPHTHALENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
1-METHYLPHENANTHRENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2,4,5-TRICHLOROPHENOL	ND	410	U	NA			NA			ND	2,700	U	NA			NA			ND	500	U	NA		
2,4,6-TRICHLOROPHENOL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2,4-DICHLOROPHENOL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2,4-DIMETHYLPHENOL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2,4-DINITROPHENOL	ND	410	U	NA			NA			ND	2,700	U	NA			NA			ND	500	U	NA		
2,4-DINITROTOLUENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2,6-DIMETHYLNAPHTHALENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2,6-DINITROTOLUENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2-CHLORONAPHTHALENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2-CHLOROPHENOL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2-METHYLNAPHTHALENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2-METHYLPHENOL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
2-NITROANILINE	ND	410	U	NA			NA			ND	2,700	U	NA			NA			ND	500	U	NA		
2-NITROPHENOL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
3,3'-DICHLOROBENZIDINE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
3-NITROANILINE	ND	410	U	NA			NA			ND	2,700	U	NA			NA			ND	500	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	410	U	NA			NA			ND	2,700	U	NA			NA			ND	500	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
4-CHLORO-3-METHYLPHENOL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
4-CHLOROANILINE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
4-METHYLPHENOL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
4-NITROANILINE	ND	410	U	NA			NA			ND	2,700	U	NA			NA			ND	500	U	NA		
4-NITROPHENOL	ND	410	U	NA			NA			ND	2,700	U	NA			NA			ND	500	U	NA		
ACENAPHTHENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

ƒ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB001			TLSSB001			TLSSB001			TLSSB002			TLSSB002			TLSSB002			TLSSB003			TLSSB003		
Sample ID	281TLSSS001			281TLSSS002			281TLSSS003			281TLSSS004			281TLSSS005			281TLSSS006			281TLSSS007			281TLSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95		
Sample Depth (in feet)	0.00 - 0.50			1.30 - 2.50			3.90 - 4.50			0.00 - 0.50			1.30 - 2.50			4.30 - 5.50			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
ACENAPHTHYLENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
ANTHRACENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BENZO(A)ANTERACENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BENZO(A)PYRENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BENZO(B)FLUORANTHENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BENZO(E)PYRENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BENZO(G,H,I)PERYLENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BENZO(K)FLUORANTHENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BENZOIC ACID	49	410	J	NA			NA			ND	2,700	U	NA			NA			ND	500	UJ	NA		
BENZYL ALCOHOL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
BUTYLBENZYLPHTHALATE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
CARBAZOLE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
CHRYSENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
DI-N-BUTYLPHTHALATE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
DI-N-OCTYLPHTHALATE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
DIBENZ(A,H)ANTHRACENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
DIBENZOFURAN	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
DIBENZOTHIOPHENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
DIETHYLPHTHALATE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
DIMETHYLPHTHALATE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
FLUORANTHENE	ND	160	U	NA			NA			150	1,100	J	NA			NA			ND	200	U	NA		
FLUORENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
HEXACHLOROBENZENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
HEXACHLOROBUTADIENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
INDENO(1,2,3-CD)PYRENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
ISOPHORONE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
N-NITROSODIPHENYLAMINE (1)	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
NAPHTHALENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected. J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Point ID	TLSSB001			TLSSB001			TLSSB001			TLSSB002			TLSSB002			TLSSB002			TLSSB003			TLSSB003		
Sample ID	281TLSSS001			281TLSSS002			281TLSSS003			281TLSSS004			281TLSSS005			281TLSSC06			281TLSSS007			281TLSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95		
Sample Depth (in feet)	0.00 - 0.50			1.30 - 2.50			3.90 - 4.50			0.00 - 0.50			1.30 - 2.50			4.30 - 5.50			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
PENTACHLOROPHENOL	NA			NA			NA			ND	2,700	U	NA			NA			NA			NA		
PERYLENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
PHENANTHRENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
PHENOL	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
PYRENE	ND	160	U	NA			NA			ND	1,100	U	NA			NA			ND	200	U	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
1,2-DICHLOROBENZENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
1,3-DICHLOROBENZENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
1,4-DICHLOROBENZENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2,4,5-TRICHLOROPHENOL	NA			ND	2,700	U	ND	4,000	U	NA			ND	3,800	U	ND	4,900	U	NA			ND	2,900	U
2,4,6-TRICHLOROPHENOL	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2,4-DICHLOROPHENOL	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2,4-DIMETHYLPHENOL	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2,4-DINITROPHENOL	NA			ND	2,700	U	ND	4,000	U	NA			ND	3,800	U	ND	4,900	U	NA			ND	2,900	U
2,4-DINITROTOLUENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2,6-DINITROTOLUENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2-CHLORONAPHTHALENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2-CHLOROPHENOL	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2-METHYLNAPHTHALENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2-METHYLPHENOL	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
2-NITROANILINE	NA			ND	2,700	U	ND	4,000	U	NA			ND	3,800	U	ND	4,900	U	NA			ND	2,900	U
2-NITROPHENOL	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
3,3'-DICHLOROBENZIDINE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
3-NITROANILINE	NA			ND	2,700	U	ND	4,000	U	NA			ND	3,800	U	ND	4,900	U	NA			ND	2,900	U
4,6-DINITRO-2-METHYLPHENOL	NA			ND	2,700	U	ND	4,000	U	NA			ND	3,800	U	ND	4,900	U	NA			ND	2,900	U
4-BROMOPHENYL-PHENYLETHER	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
4-CHLORO-3-METHYLPHENOL	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
4-CHLOROANILINE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
4-CHLOROPHENYL-PHENYLETHER	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
4-METHYLPHENOL	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
4-NITROANILINE	NA			ND	2,700	U	ND	4,000	U	NA			ND	3,800	U	ND	4,900	U	NA			ND	2,900	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB001			TLSSB001			TLSSB001			TLSSB002			TLSSB002			TLSSB002			TLSSB003			TLSSB003		
Sample ID	281TLSSS001			281TLSSS002			281TLSSS003			281TLSSS004			281TLSSS005			281TLSSS006			281TLSSS007			281TLSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95		
Sample Depth (in feet)	0.00 - 0.50			1.30 - 2.50			3.90 - 4.50			0.00 - 0.50			1.30 - 2.50			4.30 - 5.50			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-NITROPHENOL	NA			ND	2,700	U	ND	4,000	U	NA			ND	3,800	U	ND	4,900	U	NA			ND	2,900	U
ACENAPHTHENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
ACENAPHTHYLENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
ANTHRACENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
BENZO(A)ANTHRACENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
BENZO(A)PYRENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
BENZO(B)FLUORANTHENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
BENZO(G,H,I)PERYLENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
BENZO(K)FLUORANTHENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
BIS(2-CHLOROETHOXY)METHANE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
BIS(2-CHLOROETHYL)ETHER	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
BUTYLBENZYLPHTHALATE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
CARBAZOLE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	UJ	NA			ND	1,100	UJ
CHRYSENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
DI-N-BUTYLPHTHALATE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
DI-N-OCTYLPHTHALATE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
DIBENZ(A,H)ANTHRACENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
DIBENZOFURAN	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
DIETHYLPHTHALATE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
DIMETHYLPHTHALATE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
FLUORANTHENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
FLUORENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
HEXACHLOROBENZENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
HEXACHLOROBUTADIENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
HEXACHLOROCYCLOPENTADIENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
HEXACHLOROETHANE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
INDENO(1,2,3-CD)PYRENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
ISOPHORONE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
N-NITROSODIPHENYLAMINE (1)	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
NAPHTHALENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
NITROBENZENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
PENTACHLOROPHENOL	NA			ND	2,700	U	ND	4,000	U	NA			ND	3,800	U	ND	4,900	U	NA			ND	2,900	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed. Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB001			TLSSB001			TLSSB001			TLSSB002			TLSSB002			TLSSB002			TLSSB003			TLSSB003		
Sample ID	281TLSSS001			281TLSSS002			281TLSSS003			281TLSSS004			281TLSSS005			281TLSSS006			281TLSSS007			281TLSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95		
Sample Depth (in feet)	0.00 - 0.50			1.30 - 2.50			3.90 - 4.50			0.00 - 0.50			1.30 - 2.50			4.30 - 5.50			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHRENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
PHENOL	NA			ND	1,100	U	11,000	1,600		NA			3,700	1,500		1,100	1,900	J	NA			ND	1,100	U
PYRENE	NA			ND	1,100	U	ND	1,600	U	NA			ND	1,500	U	ND	2,000	U	NA			ND	1,100	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	12	0.7	J	NA			NA			3	0.4	J	NA			NA			ND	0.2	U	NA		
2,4'-DDE	ND	0.7	U	NA			NA			0.9	0.4	J	NA			NA			ND	0.2	U	NA		
2,4'-DDT	1	0.7	J	NA			NA			ND	0.4	U	NA			NA			ND	0.2	U	NA		
4,4'-DDD	27 # @	0.7		NA			NA			6 @	0.4		NA			NA			ND	0.2	U	NA		
4,4'-DDE	5 @	0.7		NA			NA			5 @	0.4		NA			NA			ND	0.2	U	NA		
4,4'-DDT	2 @	0.7		NA			NA			1	0.4	J	NA			NA			ND	0.2	U	NA		
ALDRIN	2	0.7		NA			NA			1	0.4		NA			NA			ND	0.2	U	NA		
ALPHA-CHLORDANE	4 @	0.7		NA			NA			5 @	0.4		NA			NA			ND	0.2	U	NA		
DIELDRIN	2 @	0.7		NA			NA			2 @	0.4		NA			NA			ND	0.2	U	NA		
GAMMA-BHC (LINDANE)	ND	0.7	U	NA			NA			ND	0.4	U	NA			NA			ND	0.2	U	NA		
HEPTACHLOR	ND	0.7	U	NA			NA			ND	0.4	U	NA			NA			ND	0.2	U	NA		
HEPTACHLOR EPOXIDE	ND	0.7	U	NA			NA			ND	0.4	U	NA			NA			ND	0.2	U	NA		
HEXACHLOROBENZENE	2	0.7		NA			NA			0.9	0.4		NA			NA			ND	0.2	U	NA		
MIREX	0.5	0.7	J	NA			NA			0.5	0.4		NA			NA			ND	0.2	U	NA		
PCB-101 (2,2',3,5,5')	1	0.7	J	NA			NA			2	0.4	J	NA			NA			ND	0.2	U	NA		
PCB-105 (2,3,3',4,4')	1	0.7	J	NA			NA			2	0.4		NA			NA			ND	0.2	U	NA		
PCB-118 (2,3',4,4',5)	2	0.7		NA			NA			4	0.4		NA			NA			ND	0.2	U	NA		
PCB-126 (3,3',4,4',5)	ND	0.7	U	NA			NA			ND	0.4	U	NA			NA			ND	0.2	U	NA		
PCB-128 (2,2',3,3',4,4')	0.8	0.7		NA			NA			0.8	0.4	J	NA			NA			ND	0.2	U	NA		
PCB-138 (2,2',3,4,4',5')	3	0.7	J	NA			NA			3	0.4	J	NA			NA			ND	0.2	U	NA		
PCB-153 (2,2',4,4',5,5')	2	0.7		NA			NA			2	0.4		NA			NA			ND	0.2	U	NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.7	U	NA			NA			0.5	0.4		NA			NA			ND	0.2	U	NA		
PCB-18 (2,2',5)	ND	0.7	U	NA			NA			2	0.4		NA			NA			ND	0.2	U	NA		
PCB-180 (2,2',3,4,4',5,5')	2	0.7	J	NA			NA			1	0.4	J	NA			NA			ND	0.2	U	NA		
PCB-187 (2,2',3,4',5,5',6)	0.6	0.7	J	NA			NA			0.7	0.4	J	NA			NA			ND	0.2	U	NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.7	U	NA			NA			0.7	0.4	J	NA			NA			ND	0.2	U	NA		
PCB-206 (2,2,',3,3',4,4',5,5',	ND	0.7	U	NA			NA			0.3	0.4	J	NA			NA			ND	0.2	U	NA		
PCB-209 (2,2',3,3',4,4',5,5',6,	ND	0.7	U	NA			NA			ND	0.4	U	NA			NA			ND	0.2	U	NA		
PCB-28 (2,4,4')	ND	0.7	U	NA			NA			2	0.4		NA			NA			ND	0.2	U	NA		
PCB-44 (2,2',3,5')	ND	0.7	U	NA			NA			3	0.4	J	NA			NA			ND	0.2	U	NA		

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@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB001			TLSSB001			TLSSB001			TLSSB002			TLSSB002			TLSSB002			TLSSB003			TLSSB003		
Sample ID	281TLSSS001			281TLSSS002			281TLSSS003			281TLSSS004			281TLSSS005			281TLSSS006			281TLSSS007			281TLSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95		
Sample Depth (in feet)	0.00 - 0.50			1.30 - 2.50			3.90 - 4.50			0.00 - 0.50			1.30 - 2.50			4.30 - 5.50			0.00 - 0.50			1.50 - 2.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	0.7	0.7	J	NA			NA			2	0.4	J	NA			NA			ND	0.2	U	NA		
PCB-66 (2,3',4,4')	3	0.7	J	NA			NA			4	0.4	J	NA			NA			ND	0.2	U	NA		
PCB-77 (3,3',4,4')	1	0.7	J	NA			NA			1	0.4	J	NA			NA			ND	0.2	U	NA		
PCB-8 (2,4')	ND	0.7	U	NA			NA			ND	0.4	U	NA			NA			ND	0.2	U	NA		
TRANS-NONACHLOR	4	0.7		NA			NA			4	0.4		NA			NA			ND	0.2	U	NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			ND	11	U	ND	16	U	NA			ND	16	U	ND	20	U	NA			ND	11	U
4,4'-DDE	NA			ND	11	U	ND	16	U	NA			ND	16	U	ND	20	U	NA			ND	11	U
4,4'-DDT	NA			ND	11	U	ND	16	U	NA			ND	16	U	ND	20	U	NA			ND	11	U
ALDRIN	NA			ND	5	U	ND	8	U	NA			ND	8	U	ND	10	U	NA			ND	6	U
ALPHA-BHC	NA			ND	5	U	ND	8	U	NA			ND	8	U	ND	10	U	NA			ND	6	U
ALPHA-CHLORDANE	NA			ND	5	U	ND	8	U	NA			ND	8	U	ND	10	U	NA			ND	6	U
AROCLOR-1016	NA			ND	110	U	ND	160	U	NA			ND	160	U	ND	200	U	NA			ND	110	U
AROCLOR-1221	NA			ND	220	U	ND	320	U	NA			ND	320	U	ND	390	U	NA			ND	230	U
AROCLOR-1232	NA			ND	110	U	ND	160	U	NA			ND	160	U	ND	200	U	NA			ND	110	U
AROCLOR-1242	NA			ND	110	U	ND	160	U	NA			ND	160	U	ND	200	U	NA			ND	110	U
AROCLOR-1248	NA			ND	110	U	ND	160	U	NA			ND	160	U	ND	200	U	NA			ND	110	U
AROCLOR-1254	NA			ND	110	U	ND	160	U	NA			ND	160	U	ND	200	U	NA			ND	110	U
AROCLOR-1260	NA			ND	110	U	ND	160	U	NA			ND	160	U	ND	200	U	NA			ND	110	U
BETA-BHC	NA			ND	5	U	ND	8	U	NA			ND	8	U	ND	10	U	NA			ND	6	U
DELTA-BHC	NA			ND	5	U	ND	8	U	NA			ND	8	U	ND	10	U	NA			ND	6	U
DIELDRIN	NA			ND	11	U	ND	16	U	NA			ND	16	U	ND	20	U	NA			ND	11	U
ENDOSULFAN I	NA			ND	5	U	ND	8	U	NA			ND	8	U	ND	10	U	NA			ND	6	U
ENDOSULFAN II	NA			ND	11	U	ND	16	U	NA			ND	16	U	ND	20	U	NA			ND	11	U
ENDOSULFAN SULFATE	NA			ND	11	U	ND	16	U	NA			ND	16	U	ND	20	U	NA			ND	11	U
ENDRIN	NA			ND	11	U	ND	16	U	NA			ND	16	U	ND	20	U	NA			ND	11	U
ENDRIN ALDEHYDE	NA			ND	11	U	ND	16	U	NA			ND	16	U	ND	20	U	NA			ND	11	U
ENDRIN KETONE	NA			ND	11	U	ND	16	U	NA			ND	16	U	ND	20	U	NA			ND	11	U
GAMMA-BHC (LINDANE)	NA			ND	5	U	ND	8	U	NA			ND	8	U	ND	10	U	NA			ND	6	U
GAMMA-CHLORDANE	NA			ND	5	U	ND	8	U	NA			ND	8	U	ND	10	U	NA			ND	6	U
HEPTACHLOR	NA			ND	5	U	ND	8	U	NA			ND	8	U	ND	10	U	NA			ND	6	U
HEPTACHLOR EPOXIDE	NA			ND	5	U	ND	8	U	NA			ND	8	U	ND	10	U	NA			ND	6	U
METHOXYCHLOR	NA			ND	54	U	ND	79	U	NA			ND	79	U	ND	98	U	NA			ND	57	U
TOXAPHENE	NA			ND	540	U	ND	790	U	NA			ND	790	U	ND	980	U	NA			ND	570	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

∂ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB001			TLSSB001			TLSSB001			TLSSB002			TLSSB002			TLSSB002			TLSSB003			TLSSB003		
Sample ID	281TLSSS001			281TLSSS002			281TLSSS003			281TLSSS004			281TLSSS005			281TLSSS006			281TLSSS007			281TLSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95		
Sample Depth (in feet)	0.00 - 0.50			1.30 - 2.50			3.90 - 4.50			0.00 - 0.50			1.30 - 2.50			4.30 - 5.50			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
1,3-DINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,4,6-TRINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,4-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,6-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	UJ	ND	120	U	ND	120	U
3-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
4-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	UJ	ND	120	U	ND	120	U
HMX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
NITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
RDX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
TETRYL	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
Total Metals (in mg/Kg)																								
ALUMINUM	23,700	4.8		12,200	10.7		9,930	15.2		14,100	9.2		18,500	15.2		4,370	19.1		20,100	4.8		23,500	11.3	
ANTIMONY	ND	1.6	U	ND	1.4	UJ	ND	2.0	UJ	ND	2.5	J	ND	2.0	UJ	ND	2.5	UJ	ND	2.1	J	ND	1.5	UJ
ARSENIC	10.3 *θ	0.82		2.9 *	1.8		11.0 *θ	2.6		18.1 *θ	1.6		8.2 *θ	2.6		6.6 *	3.3		10.0 *θ	0.82		16.8 *θ	1.9	
BARIUM	114	0.090		70.1	0.20		60.7	0.28		171	0.17		76.5	0.28		28.0	0.35		165	0.090		45.5	0.21	
BERYLLIUM	0.16 *Γ	0.030		ND	0.070	U	ND	0.090	U	ND	0.060	J	ND	0.090	U	ND	0.12	U	0.51 *Γ	0.030		ND	0.080	J
CADMIUM	ND	0.060	U	ND	0.13	U	ND	0.19	U	5.8 θΓσ	0.11		2.6 θΓ	0.19		ND	0.23	U	ND	0.060	U	2.6 θΓ	0.14	
CALCIUM	4,200	4.2		8,900	9.4		9,850	13.6		13,100	8.1		3,940	13.4		10,100	16.8		3,950	4.2		6,970	10.0	
CHROMIUM	92.7 θΓ	0.53		31.3	1.2		29.3	1.7		40.9	1.0		21.2	1.7		ND	14.2	J	61.5	0.53		55.7	1.3	
COBALT	19.0	0.15		8.1	0.33		10.2	0.47		15.4	0.28		33.5 Γ	0.47		5.2	0.58		14.6	0.15		13.6	0.35	
COPPER	42.1 θ	0.23		19.6	0.52		37.8 θ	0.75		117 θΓσ	0.45		17.8	0.74		25.5	0.94		55.3 θ	0.23		25.7	0.56	
IRON	37,300	4.6		8,110	10.3		13,400	14.7		21,800	8.8		18,000	14.6		16,000	18.4		10,200	4.6		12,300	10.9	
LEAD	19.7	0.44		14.6	0.98		24.9	1.4		152 *θΓσ	0.84		ND	6.7	U	ND	3.6	J	49.1 θ	0.44		12.3	1.0	
MAGNESIUM	13,300	4.8		7,450	10.7		11,700	15.3		10,900	9.2		19,700	15.3		15,600	19.2		10,700	4.8		15,800	11.4	
MANGANESE	394	0.18		140	0.39		152	0.56		592	0.34		410	0.56		75.1	0.70		302	0.18		125	0.42	
MERCURY	0.090	0.030		ND	0.16	U	ND	0.23	U	ND	0.14	J	ND	0.23	U	ND	0.29	U	0.14	0.030		0.19 θ	0.070	
MOLYBDENUM	ND	0.26	U	ND	4.6	U	ND	8.1	U	ND	3.7	J	ND	6.5	U	ND	7.7	U	ND	1.3	U	ND	6.7	U
NICKEL	30.1 #θ	0.97		56.4 #θ	2.2		72.7 #θ	3.1		211 #θΓ	1.9		103 #θ	3.1		24.7 θ	3.9		72.1 #θ	0.97		94.0 #θ	2.3	
POTASSIUM	4,340	8.2	J	3,290	16.2	J	4,500	26.0	J	4,050	15.6	J	4,880	25.9	J	3,250	32.5	J	3,600	8.1	J	6,040	19.3	J
SELENIUM	ND	1.0	U	ND	2.2	U	ND	3.2	U	ND	2.1	U	ND	3.2	U	ND	4.0	U	ND	1.0	U	ND	2.4	U
SILVER	ND	0.18	U	ND	0.39	U	ND	0.74	U	ND	0.53	U	ND	0.56	U	ND	0.86	U	ND	0.18	U	ND	0.42	U
SODIUM	4,830	37.5		23,200	83.6		46,000	128		27,200	71.9		64,600	128		57,100	128		6,730	37.5		58,300	88.8	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB001			TLSSB001			TLSSB001			TLSSB002			TLSSB002			TLSSB002			TLSSB003			TLSSB003		
Sample ID	281TLSSS001			281TLSSS002			281TLSSS003			281TLSSS004			281TLSSS005			281TLSSS006			281TLSSS007			281TLSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95			07/31/95		
Sample Depth (in feet)	0.00 - 0.50			1.30 - 2.50			3.90 - 4.50			0.00 - 0.50			1.30 - 2.50			4.30 - 5.50			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.59	U	ND	1.6	U	ND	1.9	U	ND	1.1	U	ND	1.9	U	ND	2.3	U	ND	0.59	U	ND	1.4	U
VANADIUM	75.1	0.18		85.5	0.39		49.4	0.56		69.9	0.34		63.0	0.56		29.6	0.70		63.7	0.18		71.5	0.42	
ZINC	113	0.090	J	46.4	0.20	J	50.3	0.28	J	743 #@Γσ	0.17	J	109	0.28	J	ND	51.5	U	238 #Γσ	0.090	J	164 #σ	0.21	J
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	43,700	100	J	125,000	100	J	97,100	100	J	221,000	100	J	412,000	100	J	329,000	100	J	12,200	100	J	85,000	100	J
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			NA			NA			NA			NA			NA			NA			NA		
PERCENT SOLID	68.2			30.6			21.5			35.6			21.5			17.2			58.3			28.8		
Miscellaneous																								
PH	5			5			5.1			6.3			7.5			7.7			6.1			6.4		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed. Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 261, 283, & 032

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB003			TLSSB004			TLSSB004			TLSSB004			TLSSB005			TLSSB005			TLSSB005			TLSSB006		
Sample ID	281TLSSS009			281TLSSS010			281TLSSS011			281TLSSS012			281TLSSS013			281TLSSS014			281TLSSS015			281TLSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	4.50 - 5.30			0.00 - 0.50			1.30 - 2.40			4.30 - 5.50			0.00 - 0.50			0.90 - 2.00			4.50 - 5.80			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
1,1,2,2-TETRACHLOROETHANE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
1,1,2-TRICHLOROETHANE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
1,1-DICHLOROETHANE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
1,1-DICHLOROETHENE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
1,2-DICHLOROETHANE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
1,2-DICHLOROETHENE (TOTAL)	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
1,2-DICHLOROPROPANE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
2-BUTANONE	ND	29	U	NA			390	30	J	ND	25	U	NA			ND	30	UJ	ND	33	UJ	NA		
2-HEXANONE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
4-METHYL-2-PENTANONE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
ACETONE	ND	98	U	NA			ND	1,800	U	ND	110	U	NA			ND	110	U	ND	100	U	NA		
BENZENE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
BROMODICHLOROMETHANE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
BROMOFORM	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
BROMOMETHANE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
CARBON DISULFIDE	85	29		NA			ND	30	U	120	25		NA			ND	30	U	22	33	J	NA		
CARBON TETRACHLORIDE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
CHLOROBENZENE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
CHLOROETHANE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
CHLOROFORM	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
CHLOROMETHANE	27	29	J	NA			ND	30	U	37	25		NA			ND	30	U	ND	33	U	NA		
CIS-1,3-DICHLOROPROPENE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
DIBROMOCHLOROMETHANE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
ETHYLBENZENE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
METHYLENE CHLORIDE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
STYRENE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
TETRACHLOROETHENE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
TOLUENE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
TRANS-1,3-DICHLOROPROPENE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
TRICHLOROETHENE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
VINYL CHLORIDE	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		
XYLENE (TOTAL)	ND	29	U	NA			ND	30	U	ND	25	U	NA			ND	30	U	ND	33	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

\# = Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

I = Detected concentrations greater than the ambient metals concentrations in soils.

o = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB003			TLSSB004			TLSSB004			TLSSB004			TLSSB005			TLSSB005			TLSSB005			TLSSB006		
Sample ID	281TLSSS009			281TLSSS010			281TLSSS011			281TLSSS012			281TLSSS013			281TLSSS014			281TLSSS015			281TLSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	4.50 - 5.30			0.00 - 0.50			1.30 - 2.40			4.30 - 5.50			0.00 - 0.50			0.90 - 2.00			4.50 - 5.30			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
1,2,4-TRICHLOROBENZENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
1,2-DICHLOROBENZENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
1,3-DICHLOROBENZENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
1,4-DICHLOROBENZENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
1-METHYLNAPHTHALENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
1-METEYLPHENANTHRENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2,3,5-TRIMETHYLNAPHTHALENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2,4,5-TRICHLOROPHENOL	NA			ND	440	U	ND	3,200	U	NA			ND	340	U	NA			NA			ND	850	U
2,4,6-TRICHLOROPHENOL	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2,4-DICHLOROPHENOL	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2,4-DIMETEYLPHENOL	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2,4-DINITROPHENOL	NA			ND	440	U	ND	3,200	U	NA			ND	340	U	NA			NA			ND	850	U
2,4-DINITROTOLUENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2,6-DIMETHYLNAPHTHALENE	NA			30	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2,6-DINITROTOLUENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2-CHLORONAPHTHALENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2-CHLOROPHENOL	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2-METHYLNAPHTHALENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2-METHYLPHENOL	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
2-NITROANILINE	NA			ND	440	U	ND	3,200	U	NA			ND	340	U	NA			NA			ND	850	U
2-NITROPHENOL	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
3,3'-DICHLOROBENZIDINE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
3-NITROANILINE	NA			ND	440	U	ND	3,200	U	NA			ND	340	U	NA			NA			ND	850	U
4,6-DINITRO-2-METHYLPHENOL	NA			ND	440	U	ND	3,200	U	NA			ND	340	U	NA			NA			ND	850	U
4-BROMOPHENYL-PHENYLETHER	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
4-CHLORO-3-METHYLPHENOL	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
4-CHLOROANILINE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
4-CHLOROPHENYL-PHENYLETHER	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
4-METHYLPHENOL	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
4-NITROANILINE	NA			ND	440	U	ND	3,200	U	NA			ND	340	U	NA			NA			ND	850	U
4-NITROPHENOL	NA			ND	440	U	ND	3,200	U	NA			ND	340	U	NA			NA			ND	850	U
ACENAPHTHENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB003			TLSSB004			TLSSB004			TLSSB004			TLSSB005			TLSSB005			TLSSB005			TLSSB006		
Sample ID	281TLSSS009			281TLSSS010			281TLSSS011			281TLSSS012			281TLSSS013			281TLSSS014			281TLSSS015			281TLSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	4.50 - 5.30			0.00 - 0.50			1.30 - 2.40			4.30 - 5.50			0.00 - 0.50			0.90 - 2.00			4.50 - 5.80			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
ACENAPHTHYLENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
ANTHRACENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
BENZO(A)ANTHRACENE	NA			68	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			38	340	J
BENZO(A)PYRENE	NA			68 *	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
BENZO(B)FLUORANTHENE	NA			61	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			50	340	J
BENZO(E)PYRENE	NA			46	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			47	340	J
BENZO(G,H,I)PERYLENE	NA			55	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
BENZO(K)FLUORANTHENE	NA			75	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			41	340	J
BENZOIC ACID	NA			47	440	J	1,100	3,200	J	NA			14	340	J	NA			NA			100	850	J
BENZYL ALCOHOL	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
BIS(2-CHLOROETHOXY)METHANE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
BIS(2-CHLOROETHYL)ETHER	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
BUTYLBENZYLPHTHALATE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			45	340	J
CARBAZOLE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
CHRYSENE	NA			59	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			72	340	J
DI-N-BUTYLPHTHALATE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
DI-N-OCTYLPHTHALATE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
DIBENZ(A,H)ANTHRACENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
DIBENZOFURAN	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
DIBENZOTHIOPHENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
DIETHYLPHTHALATE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
DIMETHYLPHTHALATE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
FLUORANTHENE	NA			100	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			99	340	J
FLUORENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
HEXACHLOROBENZENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
HEXACHLOROBUTADIENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			ND	340	U
HEXACHLOROETHANE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
INDENO(1,2,3-CD)PYRENE	NA			47	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
ISOPHORONE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
N-NITROSODIPHENYLAMINE (1)	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
NAPETHALENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

9 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB003			TLSSB004			TLSSB004			TLSSB004			TLSSB005			TLSSB005			TLSSB005			TLSSB006		
Sample ID	281TLSSS009			281TLSSS010			281TLSSS011			281TLSSS012			281TLSSS013			281TLSSS014			281TLSSS015			281TLSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	4.50 - 5.30			0.00 - 0.50			1.30 - 2.40			4.30 - 5.50			0.00 - 0.50			0.90 - 2.00			4.50 - 5.80			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	NA			ND	180	U	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
PENTACHLOROPHENOL	NA			NA			ND	3,200	U	NA			NA			NA			NA			ND	850	U
PERYLENE	NA			39	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			ND	340	U
PHENANTHRENE	NA			32	180	J	ND	1,300	U	NA			ND	130	U	NA			NA			40	340	J
PHENOL	NA			ND	180	U	19,000	1,300		NA			ND	130	U	NA			NA			ND	340	U
PYRENE	NA			280	180		1,100 θ	1,300		NA			ND	130	U	NA			NA			78	340	J
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
1,2-DICHLOROBENZENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
1,3-DICHLOROBENZENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
1,4-DICHLOROBENZENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2,4,5-TRICHLOROPHENOL	ND	2,400	U	NA			ND	2,500	U	ND	2,100	U	NA			ND	2,500	U	ND	2,800	U	NA		
2,4,6-TRICHLOROPHENOL	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2,4-DICHLOROPHENOL	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2,4-DIMETHYLPHENOL	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2,4-DINITROPHENOL	ND	2,400	U	NA			ND	2,500	U	ND	2,100	U	NA			ND	2,500	U	ND	2,800	U	NA		
2,4-DINITROTOLUENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2,6-DINITROTOLUENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2-CHLORONAPHTHALENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2-CHLOROPHENOL	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2-METHYLNAPHTHALENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2-METHYLPHENOL	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
2-NITROANILINE	ND	2,400	U	NA			ND	2,500	U	ND	2,100	U	NA			ND	2,500	U	ND	2,800	U	NA		
2-NITROPHENOL	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
3,3'-DICHLOROBENZIDINE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
3-NITROANILINE	ND	2,400	U	NA			ND	2,500	U	ND	2,100	U	NA			ND	2,500	U	ND	2,800	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	2,400	U	NA			ND	2,500	U	ND	2,100	U	NA			ND	2,500	U	ND	2,800	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
4-CHLORO-3-METHYLPHENOL	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
4-CHLOROANILINE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
4-METHYLPHENOL	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
4-NITROANILINE	ND	2,400	U	NA			ND	2,500	U	ND	2,100	U	NA			ND	2,500	U	ND	2,800	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTCs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB003			TLSSB004			TLSSB004			TLSSB004			TLSSB005			TLSSB005			TLSSB005			TLSSB006		
Sample ID	281TLSSS009			281TLSSS010			281TLSSS011			281TLSSS012			281TLSSS013			281TLSSS014			281TLSSS015			281TLSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	4.50 - 5.30			0.00 - 0.50			1.30 - 2.40			4.30 - 5.50			0.00 - 0.50			0.90 - 2.00			4.50 - 5.60			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/Kg)																								
4-NITROPHENOL	ND	2,400	U	NA			ND	2,500	U	ND	2,100	U	NA			ND	2,500	U	ND	2,800	U	NA		
ACENAPHTHENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
ACENAPHTHYLENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
ANTHRACENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
BENZO(A)ANTHRACENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
BENZO(A)PYRENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
BENZO(B)FLUORANTHENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
BENZO(G,H,I)PERYLENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
BENZO(K)FLUORANTHENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
BIS(2-ETHYLHEXYL)PETHALATE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,600	U	NA		
BUTYLBENZYLPHTHALATE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
CARBAZOLE	ND	950	UJ	NA			ND	1,000	UJ	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
CHRYSENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
DI-N-BUTYLPHTHALATE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
DI-N-OCTYLPHTHALATE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
DIBENZ(A,H)ANTHRACENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
DIBENZOFURAN	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
DIETHYLPHTHALATE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
DIMETHYLPHTHALATE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
FLUORANTHENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
FLUORENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
HEXACHLOROBENZENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
HEXACHLOROBUTADIENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
HEXACHLOROCYCLOPENTADIENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
HEXACHLOROETHANE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
INDENO(1,2,3-CD)PYRENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
ISOPHORONE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
N-NITROSODIPHENYLAMINE (1)	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
NAPHTHALENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
NITROBENZENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
PENTACHLOROPHENOL	ND	2,400	U	NA			ND	2,500	U	ND	2,100	U	NA			ND	2,500	U	ND	2,800	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB003			TLSSB004			TLSSB004			TLSSB004			TLSSB005			TLSSB005			TLSSB005			TLSSB006		
Sample ID	281TLSSS009			281TLSSS010			281TLSSS011			281TLSSS012			281TLSSS013			281TLSSS014			281TLSSS015			281TLSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	4.50 - 5.30			0.00 - 0.50			1.30 - 2.40			4.30 - 5.50			0.00 - 0.50			0.90 - 2.00			4.50 - 5.80			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/Kg)																								
PHENANTHRENE	ND	950	U	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
PHENOL	720	940	J	NA			3,200	1,000		1,300	830		NA			ND	1,000	U	ND	1,100	U	NA		
PYRENE	ND	950	J	NA			ND	1,000	U	ND	830	U	NA			ND	1,000	U	ND	1,100	U	NA		
Low Level Pesticides/PCBs (in ug/Kg)																								
2,4'-DDD	NA			ND	0.3	U	ND	0.3	U	NA			5	0.3		NA			NA			2	0.3	
2,4'-DDE	NA			ND	0.2	U	ND	0.3	U	NA			0.6	0.3		NA			NA			ND	0.3	J
2,4'-DDT	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
4,4'-DDD	NA			ND	0.2	U	ND	0.3	U	NA			2.8	0.3		NA			NA			2.8	0.3	
4,4'-DDE	NA			ND	0.3	U	ND	0.3	U	NA			2	0.3		NA			NA			2.8	0.3	
4,4'-DDT	NA			ND	0.3	U	ND	0.3	U	NA			1	0.3		NA			NA			ND	0.3	U
ALDRIN	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
ALPHA-CHLORDANE	NA			ND	0.3	U	ND	0.3	U	NA			2.8	0.3		NA			NA			2.8	0.3	
DIELDRIN	NA			ND	0.3	U	ND	0.3	U	NA			0.59	0.3		NA			NA			ND	0.3	U
GAMMA-BHC (LINDANE)	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
HEPTACHLOR	NA			ND	0.3	U	0.4	0.3		NA			ND	0.3	U	NA			NA			ND	0.3	U
HEPTACHLOR EPOXIDE	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
HEXACHLORCBENZENE	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
MIREX	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
PCB-101 (2,2',3,5,5')	NA			ND	0.3	U	ND	0.3	U	NA			0.6	0.3		NA			NA			0.7	0.3	
PCB-105 (2,3,3',4,4')	NA			ND	0.3	U	ND	0.3	U	NA			0.4	0.3		NA			NA			0.5	0.3	
PCB-118 (2,3',4,4',5)	NA			ND	0.3	U	ND	0.3	U	NA			0.6	0.3		NA			NA			0.9	0.3	
PCB-126 (3,3',4,4',5)	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
PCB-128 (2,2',3,3',4,4')	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
PCB-138 (2,2',3,4,4',5')	NA			ND	0.3	U	ND	0.3	U	NA			0.9	0.3		NA			NA			2	0.3	
PCB-153 (2,2',4,4',5,5')	NA			ND	0.3	U	ND	0.3	U	NA			0.6	0.3		NA			NA			0.9	0.3	
PCB-170 (2,2',3,3',4,4',5)	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
PCB-18 (2,2',5)	NA			ND	0.3	U	0.2	0.3	J	NA			0.3	0.3		NA			NA			0.4	0.3	
PCB-180 (2,2',3,4,4',5,5')	NA			ND	0.3	U	ND	0.3	U	NA			0.8	0.3		NA			NA			0.6	0.3	
PCB-187 (2,2',3,4',5,5',6)	NA			ND	0.3	U	ND	0.3	U	NA			0.2	0.3	J	NA			NA			0.2	0.3	J
PCB-195 (2,2',3,3',4,4',5,6)	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
PCB-206 (2,2,',3,3',4,4',5,5',	NA			ND	0.3	U	ND	0.3	U	NA			0.5	0.3		NA			NA			ND	0.3	U
PCB-209 (2,2',3,3',4,4',5,5',6	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
PCB-28 (2,4,4')	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
PCB-44 (2,2',3,5')	NA			ND	0.3	U	0.3	0.3	J	NA			ND	0.3	U	NA			NA			ND	0.3	U

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB003			TLSSB004			TLSSB004			TLSSB004			TLSSB005			TLSSB005			TLSSB005			TLSSB006		
Sample ID	281TLSSS009			281TLSSS010			281TLSSS011			281TLSSS012			281TLSSS013			281TLSSS014			281TLSSS015			281TLSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	4.50 - 5.30			0.00 - 0.50			1.30 - 2.40			4.30 - 5.50			0.00 - 0.50			0.90 - 2.30			4.50 - 5.80			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	NA			ND	0.3	U	ND	0.3	U	NA			0.2	0.3	J	NA			NA			0.5	0.3	
PCB-66 (2,3',4,4')	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
PCB-77 (3,3',4,4')	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
PCB-8 (2,4')	NA			ND	0.3	U	ND	0.3	U	NA			ND	0.3	U	NA			NA			ND	0.3	U
TRANS-NONACHLOR	NA			ND	0.3	U	ND	0.3	U	NA			0.6	0.3		NA			NA			1	0.3	
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	ND	10	U	NA			ND	10	U	ND	8	J	NA			ND	10	U	ND	11	U	NA		
4,4'-DDE	ND	10	U	NA			ND	10	U	ND	8	J	NA			ND	10	U	ND	11	U	NA		
4,4'-DDT	ND	10	U	NA			ND	10	U	ND	8	J	NA			ND	10	U	ND	11	U	NA		
ALDRIN	ND	5	U	NA			ND	5	U	ND	4	J	NA			ND	5	U	ND	6	U	NA		
ALPHA-BHC	ND	5	U	NA			ND	5	U	ND	4	J	NA			ND	5	U	ND	6	U	NA		
ALPHA-CHLORDANE	ND	5	U	NA			ND	5	U	ND	4	J	NA			ND	5	U	ND	6	U	NA		
AROCLOR-1016	ND	95	U	NA			ND	100	U	ND	83	U	NA			ND	100	U	ND	110	U	NA		
AROCLOR-1221	ND	190	U	NA			ND	200	U	ND	170	U	NA			ND	200	U	ND	220	U	NA		
AROCLOR-1232	ND	95	U	NA			ND	100	U	ND	83	U	NA			ND	100	U	ND	110	U	NA		
AROCLOR-1242	ND	95	U	NA			ND	100	U	ND	83	U	NA			ND	100	U	ND	110	U	NA		
AROCLOR-1248	ND	95	U	NA			ND	100	U	ND	83	U	NA			ND	100	U	ND	110	U	NA		
AROCLOR-1254	ND	95	U	NA			ND	100	U	ND	83	U	NA			ND	100	U	ND	110	U	NA		
AROCLOR-1260	ND	95	U	NA			ND	100	U	ND	83	U	NA			ND	100	U	ND	110	U	NA		
BETA-BHC	ND	5	U	NA			ND	5	U	ND	4	U	NA			ND	5	U	ND	6	U	NA		
DELTA-BHC	ND	5	U	NA			ND	5	U	ND	4	U	NA			ND	5	U	ND	6	U	NA		
DIELDRIN	ND	10	U	NA			ND	10	U	ND	8	U	NA			ND	10	U	ND	11	U	NA		
ENDOSULFAN I	ND	5	U	NA			ND	5	U	ND	4	U	NA			ND	5	U	ND	6	U	NA		
ENDOSULFAN II	ND	10	U	NA			ND	10	U	ND	8	U	NA			ND	10	U	ND	11	U	NA		
ENDOSULFAN SULFATE	ND	10	U	NA			ND	10	U	ND	8	U	NA			ND	10	U	ND	11	U	NA		
ENDRIN	ND	10	U	NA			ND	10	U	ND	8	U	NA			ND	10	U	ND	11	U	NA		
ENDRIN ALDEHYDE	ND	10	U	NA			ND	10	U	ND	8	U	NA			ND	10	U	ND	11	U	NA		
ENDRIN KETONE	ND	10	U	NA			ND	10	U	ND	8	U	NA			ND	10	U	ND	11	U	NA		
GAMMA-BHC (LINDANE)	ND	5	U	NA			ND	5	U	ND	4	U	NA			ND	5	U	ND	6	U	NA		
GAMMA-CHLORDANE	ND	5	U	NA			ND	5	U	ND	4	U	NA			ND	5	U	ND	6	U	NA		
HEPTACHLOR	ND	5	U	NA			ND	5	U	ND	4	U	NA			ND	5	U	ND	6	U	NA		
HEPTACHLOR EPOXIDE	ND	5	U	NA			ND	5	U	ND	4	U	NA			ND	5	U	ND	6	U	NA		
METHOXYCHLOR	ND	48	U	NA			ND	51	U	ND	42	U	NA			ND	51	U	ND	56	U	NA		
TOXAPHENE	ND	480	U	NA			ND	510	U	ND	420	U	NA			ND	510	U	ND	560	U	NA		

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Tidal Area Landfill (Site 1)

Point ID	TLSSB003			TLSSB004			TLSSB004			TLSSB004			TLSSB005			TLSSB005			TLSSB005			TLSSB006		
Sample ID	281TLSSS009			281TLSSS010			281TLSSS011			281TLSSS012			281TLSSS013			281TLSSS014			281TLSSS015			281TLSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	4.50 - 5.30			0.00 - 0.50			1.30 - 2.40			4.30 - 5.50			0.00 - 0.50			0.90 - 2.00			4.50 - 5.80			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
1,3-DINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,4,6-TRINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,4-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,6-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2-NITROTOLUENE	ND	120	UJ	ND	120	U	ND	120	U	ND	120	UJ	ND	120	U	ND	120	U	ND	120	U	ND	120	U
3-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
4-NITROTOLUENE	ND	120	UJ	ND	120	U	ND	120	U	ND	120	UJ	ND	120	U	ND	120	U	ND	120	U	ND	120	U
HMX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
NITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
RDX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
TETRYL	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
Total Metals (in mg/Kg)																								
ALUMINUM	29,400 Γ	9.3		21,300	9.2		27,400 Γ	10.0		26,600 Γ	8.2		21,100	4.8		29,800	9.8		11,400	10.7		22,200	8.3	
ANTIMONY	ND	1.7	U	ND	3.5	U	ND	3.7	U	ND	2.4	U	NA			NA			NA			2.5 Θ#	1.1	J
ARSENIC	8.4 *θ	1.6		20.4 *θ	1.6		47.7 *θ#	1.7		5.8 *†	1.4		11.6 *θ	0.83		12.4 *θ	1.7		6.6 *	1.8		7.7 *	1.4	
BARIUM	52.6	0.17		436 Γ	0.17		66.8	0.18		47.8	0.15		103	0.090		65.6	0.18		45.3	0.20		99.0	0.15	
BERYLLIUM	ND	0.050	U	ND	0.060	U	0.56 *Γ	0.060		ND	0.050	U	ND	0.050	U	ND	0.060	U	ND	0.070	U	ND	0.050	U
CADMIUM	ND	0.11	U	ND	0.11	U	0.74 Γ	0.12		ND	0.10	U	3.2 θΓ	0.060		NA			NA			NA	0.10	U
CALCIUM	4,890	8.3		6,260	8.1		6,640	8.8		4,620	7.2		3,790	4.3		7,190	8.7		5,440	9.4		5,590	7.4	
CHROMIUM	52.5 θΓ	1.0		59.9	1.0		79.0	1.1		84.9 θΓ	0.90		72.6	0.53		68.8	1.1		41.4	1.2		55.7	0.92	
COBALT	17.9	0.29		15.3	0.28		7.7	0.31		17.4	0.25		14.5	0.15		8.3	0.30		29.4 Γ	0.33		13.5	0.26	
COPPER	34.5	0.46		101 θΓσ	0.45		47.2 θ	0.49		27.0	0.40		32.2	0.24		24.7	0.48		26.3	0.52		56.8 θΓ	0.41	
IRON	32,200	9.0		50,000	8.8		14,300	9.6		28,700	7.9		41,700	4.7		20,300	9.5		21,800	10.3		31,300	8.0	
LEAD	16.3	0.86		42.6 θΓσ	0.85		29.9	0.92		9.7	0.75		23.9	0.44	J	18.2	0.91	J	5.3	0.98	J	54.0 θ#	0.77	J
MAGNESIUM	16,300	9.4		13,800	9.2		14,700	10.1		15,600	8.2		11,900	4.9		14,400	9.9		11,300	10.8		13,900	8.4	
MANGANESE	333	0.34		472	0.34		217	0.37		413	0.30		351	0.18		312	0.36		301	0.39		332	0.31	
MERCURY	ND	0.14	U	0.48 θΓσ	0.060		0.16 θ	0.060		ND	0.13	U	ND	0.15	U	ND	0.15	U	ND	0.16	U	ND	0.19	U
MOLYBDENUM	ND	1.9	U	ND	3.2	U	ND	8.5	U	ND	1.7	U	ND	0.60	U	4.2	0.54		2.3	0.59		3.3	0.46	
NICKEL	73.1 #θ	1.9		81.5 #θ	1.9		80.5 #θ	2.0		92.5 #θ	1.7		67.9 #θ	0.98		67.5 #θ	2.0		81.1 #θ	2.2		36.2 θ	1.7	
POTASSIUM	7,320	15.9	J	6,710	15.7	J	6,940	17.1	J	6,800	14.0	J	4,400	8.2	J	5,860	15.8	J	3,480	18.2	J	6,610	14.2	J
SELENIUM	ND	1.9	U	ND	1.9	U	ND	2.1	U	ND	1.7	U	ND	1.0	U	ND	2.1	U	ND	3.0	U	ND	2.2	U
SILVER	ND	0.34	U	ND	0.34	U	ND	0.37	U	ND	0.30	U	ND	0.18	U	ND	0.36	U	ND	0.39	U	ND	0.31	U
SODIUM	26,000	73.3		46,700	72.1		48,100	78.5		30,900	54.3		4,520	37.9		32,900	77.3		28,500	83.9		23,800	65.4	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 282, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB003			TLSSB004			TLSSB004			TLSSB004			TLSSB005			TLSSB005			TLSSB005			TLSSB006		
Sample ID	281TLSSS009			281TLSSS010			281TLSSS011			281TLSSS012			281TLSSS013			281TLSSS014			281TLSSS015			281TLSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/31/95			07/31/95			07/31/95			07/31/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	4.50 - 5.30			0.00 - 0.50			1.30 - 2.40			4.30 - 5.50			0.00 - 0.50			0.90 - 2.00			4.50 - 5.80			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	1.1	U	ND	1.1	U	ND	1.2	U	ND	1.0	U	ND	0.59	U	2.2 Γ	1.2	J	ND	1.3	U	ND	1.0	U
VANADIUM	100 Γ	0.34		92.4 Γ	0.34		89.5 Γ	0.37		81.5	0.30		66.6	0.18		83.9	0.36		59.1	0.39		108 Γ	0.31	
ZINC	109	0.17	J	137	0.17	J	93.8	0.18	J	90.2	0.15	J	307 θΓσ	0.090		127	0.18		64.1	0.20		163 θσ	0.15	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			3,370	1.0	J
TOTAL ORGANIC CARBON	59,500	100	J	14,400	100	J	92,600	100	J	57,900	100	J	25,300	100		135,000	100		86,200	100		50,980	100	
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			NA			NA			NA			51.0	1.0		67.0	1.0		70.6	1.0		61.6	1.0	
PERCENT SOLID	34.9			35.5			32.4			39.8			NA			NA			NA			NA		
Miscellaneous																								
PH	8			8.5			8.9			7.5			7.6			6.8			7			7.8		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB006			TLSSB006			TLSSB007			TLSSB007			TLSSB007			TLSSB008			TLSSB008			TLSSB008		
Sample ID	281TLSSS017			281TLSSS018			281TLSSS019			281TLSSS020			281TLSSS021			281TLSSS022			281TLSSS023			281TLSSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	1.30 - 2.00			4.50 - 5.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			0.00 - 0.50			1.50 - 2.70			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/kg)																								
1,1,1-TRICHLOROETHANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
1,1,2,2-TETRACHLOROETHANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
1,1,2-TRICHLOROETHANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
1,1-DICHLOROETHANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
1,1-DICHLOROETHENE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
1,2-DICHLOROETHANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
1,2-DICHLOROETHENE (TOTAL)	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
1,2-DICHLOROPROPANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
2-BUTANONE	ND	17	UJ	ND	17	UJ	NA			ND	200	U	ND	50	UJ	NA			ND	55	U	ND	20	UJ
2-HEXANONE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
4-METHYL-2-PENTANONE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
ACETONE	ND	110	U	ND	100	U	NA			580	40	J	ND	190	U	NA			240	18	J	ND	130	U
BENZENE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
BROMODICHLOROMETHANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
BROMOFORM	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
BROMOMETHANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
CARBON DISULFIDE	ND	17	U	ND	17	U	NA			97	40		33	50	J	NA			ND	18	U	10	20	J
CARBON TETRACHLORIDE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
CHLOROBENZENE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
CHLOROETHANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
CHLOROFORM	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
CHLOROMETHANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
CIS-1,3-DICHLOROPROPENE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
DIBROMOCHLOROMETHANE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
ETHYLBENZENE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
METHYLENE CHLORIDE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
STYRENE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
TETRACHLOROETHENE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
TOLUENE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
TRANS-1,3-DICHLOROPROPENE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
TRICHLOROETHENE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
VINYL CHLORIDE	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U
XYLENE (TOTAL)	ND	17	U	ND	17	U	NA			ND	40	U	ND	50	U	NA			ND	18	U	ND	20	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

γ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB006			TLSSB006			TLSSB007			TLSSB007			TLSSB007			TLSSB006			TLSSB008			TLSSB008		
Sample ID	281TLSSS017			281TLSSS018			281TLSSS019			281TLSSS020			281TLSSS021			281TLSSS022			281TLSSS023			281TLSSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	1.50 - 2.00			4.50 - 5.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			0.00 - 0.50			1.50 - 2.70			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
1-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
1-METHYLPHENANTHRENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			ND	790	U	NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			ND	790	U	NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2,6-DIMETHYLNAPHTEALENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			ND	790	U	NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			ND	790	U	NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			ND	790	U	NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			ND	790	U	NA			NA		
4-NITROPHENOL	NA			NA			NA			NA			NA			ND	790	U	NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

ϒ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 285, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB005			TLSSB006			TLSSB007			TLSSB007			TLSSB007			TLSSB008			TLSSB008			TLSSB008		
Sample ID	281TLSSS017			281TLSSS018			281TLSSS019			281TLSSS020			281TLSSS021			281TLSSS022			281TLSSS023			281TLSSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	1.30 - 2.00			4.50 - 6.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			0.00 - 0.50			1.50 - 2.70			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
ACENAPHTHYLENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			41	320	J	NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			45	320	J	NA			NA		
BENZO(E)PYRENE	NA			NA			NA			NA			NA			47	320	J	NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			43	320	J	NA			NA		
BENZOIC ACID	NA			NA			NA			NA			NA			45	790	J	NA			NA		
BENZYL ALCOHOL	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			110	320	J	NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
DIBENZOTHIOPHENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			110	320	J	NA			NA		
FLUORENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

6 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from COCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB006			TLSSB006			TLSSB007			TLSSB007			TLSSB007			TLSSB008			TLSSB008			TLSSB008		
Sample ID	281TLSSS017			281TLSSS018			281TLSSS019			281TLSSS020			281TLSSS021			281TLSSS022			281TLSSS023			281TLSSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	1.30 - 2.00			4.50 - 6.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			0.00 - 0.50			1.50 - 2.70			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			ND	790	U	NA			NA		
PERYLENE	NA			NA			NA			NA			NA			ND	320	U	NA			NA		
PHENANTHRENE	NA			NA			NA			NA			NA			41	320	J	NA			NA		
PHENOL	NA			NA			NA			NA			NA			ND	320	J	NA			NA		
PYRENE	NA			NA			NA			NA			NA			92	320	J	NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
1,2-DICHLOROBENZENE	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
1,3-DICHLOROBENZENE	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
1,4-DICHLOROBENZENE	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	560	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	500	U	ND	670	U
2,4,5-TRICHLOROPHENOL	ND	1,400	U	ND	1,400	U	NA			ND	3,300	U	ND	4,200	U	NA			ND	1,500	U	ND	1,700	U
2,4,6-TRICHLOROPHENOL	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
2,4-DICHLOROPHENOL	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
2,4-DIMETHYLPHENOL	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
2,4-DINITROPHENOL	ND	1,400	U	ND	1,400	U	NA			ND	3,300	U	ND	4,200	U	NA			ND	1,500	U	ND	1,700	U
2,4-DINITROTOLUENE	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
2,6-DINITROTOLUENE	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
2-CHLORONAPHTHALENE	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
2-CHLOROPHENOL	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
2-METHYLNAPHTHALENE	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
2-METHYLPHENOL	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
2-NITROANILINE	ND	1,400	U	ND	1,400	U	NA			ND	3,300	U	ND	4,200	U	NA			ND	1,500	U	ND	1,700	U
2-NITROPHENOL	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
3,3'-DICHLOROBENZIDINE	ND	560	UJ	ND	560	UJ	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	UJ	ND	670	UJ
3-NITROANILINE	ND	1,400	U	ND	1,400	U	NA			ND	3,300	U	ND	4,200	U	NA			ND	1,500	U	ND	1,700	U
4,6-DINITRO-2-METHYLPHENOL	ND	1,400	U	ND	1,400	U	NA			ND	3,300	U	ND	4,200	U	NA			ND	1,500	U	ND	1,700	U
4-BROMOPHENYL-PHENYLETHER	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
4-CHLORO-3-METHYLPHENOL	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
4-CHLOROANILINE	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
4-CHLOROPHENYL-PHENYLETHER	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
4-METHYLPHENOL	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
4-NITROANILINE	ND	1,400	U	ND	1,400	U	NA			ND	3,300	U	ND	4,200	U	NA			ND	1,500	U	ND	1,700	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB005			TLSSB006			TLSSB007			TLSSB007			TLSSB007			TLSSB008			TLSSB008			TLSSB008		
Sample ID	281TLSSS017			281TLSSS018			281TLSSS019			281TLSSS020			281TLSSS021			281TLSSS022			281TLSSS023			281TLSSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	1.30 - 2.00			4.50 - 6.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			0.00 - 0.50			1.50 - 2.70			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-NITROPHENOL	ND	1,400	U	ND	1,400	U	NA			ND	3,300	U	ND	4,200	U	NA			ND	1,500	U	ND	1,700	U
ACENAPHTHENE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
ACENAPHTHYLENE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
ANTHRACENE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
BENZO(A)ANTHRACENE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
BENZO(A)PYRENE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
BENZO(B)FLUORANTHENE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
BENZO(G,H,I)PERYLENE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
BENZO(K)FLUORANTHENE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
BIS(2-CHLOROETHOXY)METHANE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
BIS(2-CHLOROETHYL)ETHER	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
BUTYLBENZYLPHTHALATE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
CARBAZOLE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
CHRYSENE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
DI-N-BUTYLPHTHALATE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
DI-N-OCTYLPHTHALATE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
DIBENZ(A,H)ANTHRACENE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
DIBENZOFURAN	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
DIETHYLPHTHALATE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
DIMETHYLPHTHALATE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
FLUORANTHENE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
FLUORENE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
HEXACHLOROBENZENE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
HEXACHLOROBUTADIENE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
HEXACHLOROCYCLOPENTADIENE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
HEXACHLOROETHANE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
INDENO(1,2,3-CD)PYRENE	ND	550	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
ISOPHORONE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
N-NITROSO-DI-N-PROPYLAMINE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
N-NITROSODIPHENYLAMINE (1)	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
NAPHTHALENE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
NITROBENZENE	ND	550	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
PENTACHLOROPHENOL	ND	1,400	U	ND	1,400	U	NA			ND	3,300	U	ND	4,200	U	NA			ND	1,500	U	ND	1,700	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB006			TLSSB006			TLSSB007			TLSSB007			TLSSB007			TLSSB008			TLSSB008			TLSSB008		
Sample ID	281TLSSS017			281TLSSS018			281TLSSS019			281TLSSS020			281TLSSS021			281TLSSS022			281TLSSS023			281TLSSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	1.30 - 2.00			4.50 - 6.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			0.00 - 0.50			1.50 - 2.70			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHRENE	ND	560	U	ND	560	U	NA			ND	1,300	U	ND	1,700	U	NA			ND	600	U	ND	670	U
PHENOL	450	560	J	ND	560	U	NA			3,100	1,300		ND	1,700	U	NA			ND	600	U	ND	670	U
PYRENE	ND	560	U	ND	560	U	NA			ND	1,300	UJ	ND	1,700	U	NA			ND	600	U	ND	670	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			NA			NA			NA			0.7	0.3	J	NA			NA		
2,4'-DDE	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
2,4'-DDT	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
4,4'-DDD	NA			NA			NA			NA			NA			2	0.3		NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			2	0.3		NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			0.7	0.3		NA			NA		
ALDRIN	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			1.8	0.3		NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			0.6	0.3		NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
MIREX	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
PCB-101 (2,2',3,5,5')	NA			NA			NA			NA			NA			0.3	0.3	J	NA			NA		
PCB-105 (2,3,3',4,4')	NA			NA			NA			NA			NA			0.4	0.3	J	NA			NA		
PCB-118 (2,3',4,4',5)	NA			NA			NA			NA			NA			0.4	0.3	J	NA			NA		
PCB-126 (3,3',4,4',5)	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
PCB-128 (2,2',3,3',4,4')	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
PCB-138 (2,2',3,4,4',5')	NA			NA			NA			NA			NA			0.7	0.3	J	NA			NA		
PCB-153 (2,2',4,4',5,5')	NA			NA			NA			NA			NA			1	0.3	J	NA			NA		
PCB-170 (2,2',3,3',4,4',5)	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
PCB-18 (2,2',5)	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
PCB-180 (2,2',3,4,4',5,5')	NA			NA			NA			NA			NA			1	0.3		NA			NA		
PCB-187 (2,2',3,4',5,5',6)	NA			NA			NA			NA			NA			0.5	0.3		NA			NA		
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
PCB-206 (2,2,',3,3',4,4',5,5',	NA			NA			NA			NA			NA			0.5	0.3	J	NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
PCB-28 (2,4,4')	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		
PCB-44 (2,2',3,5')	NA			NA			NA			NA			NA			ND	0.3	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB006			TLSSB006			TLSSB007			TLSSB007			TLSSB007			TLSSB008			TLSSB008			TLSSB008		
Sample ID	281TLSSS017			281TLSSS018			281TLSSS019			281TLSSS020			281TLSSS021			281TLSSS022			281TLSSS023			281TLSSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	1.30 - 2.00			4.50 - 6.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			0.00 - 0.50			1.50 - 2.70			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5') PCB-66 (2,3',4,4') PCB-77 (3,3',4,4') PCB-8 (2,4')	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			ND ND 0.2 ND	0.3 0.3 0.3 0.3	U UJ J U	NA NA NA NA			NA NA NA NA		
TRANS-NONACELOR	NA			NA			NA			NA			NA			2	0.3		NA			NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD 4,4'-DDE 4,4'-DDT ALDRIN	ND ND ND ND	6 6 6 3	U U U U	ND ND ND ND	6 6 6 3	U U U U	NA NA NA NA			ND ND ND ND	13 13 13 7	U U U U	ND ND ND ND	17 17 17 8	U U U U	NA NA NA NA			ND ND ND ND	6 6 6 3	U U U U	ND ND ND ND	7 7 7 3	U U U U
ALPHA-BHC ALPHA-CHLORDANE AROCLOR-1016 AROCLOR-1221	ND ND ND ND	3 3 56 110	U U U U	ND ND ND ND	3 3 56 110	U U U U	NA NA NA NA			ND ND ND ND	7 7 130 270	U U U U	ND ND ND ND	8 8 170 330	UJ UJ UJ UJ	NA NA NA NA			ND ND ND ND	3 3 60 120	U U U U	ND ND ND ND	3 3 57 130	U U U U
AROCLOR-1232 AROCLOR-1242 AROCLOR-1248 AROCLOR-1254	ND ND ND ND	56 56 56 56	U U U U	ND ND ND ND	56 56 56 56	U U U U	NA NA NA NA			ND ND ND ND	130 130 130 130	U U U U	ND ND ND ND	170 170 170 170	UJ UJ UJ UJ	NA NA NA NA			ND ND ND ND	60 60 60 60	U U U U	ND ND ND ND	67 67 67 67	U U U U
AROCLOR-1260 BETA-BHC DELTA-BHC DIELDRIN	ND ND ND ND	56 3 3 6	U U U U	ND ND ND ND	56 3 3 6	U U U U	NA NA NA NA			ND ND ND ND	130 7 7 13	U U U U	ND ND ND ND	170 8 8 17	UJ UJ UJ UJ	NA NA NA NA			ND ND ND ND	60 3 3 6	U U U U	ND ND ND ND	67 3 3 7	U U U U
ENDOSULFAN I ENDOSULFAN II ENDOSULFAN SULFATE ENDRIN	ND ND ND ND	3 6 6 6	U U U U	ND ND ND ND	3 6 6 6	U U U U	NA NA NA NA			ND ND ND ND	7 13 13 13	U U U U	ND ND ND ND	8 17 17 17	UJ UJ UJ UJ	NA NA NA NA			ND ND ND ND	3 6 6 6	U U U U	ND ND ND ND	3 7 7 7	U U U U
ENDRIN ALDEHYDE ENDRIN KETONE GAMMA-BHC (LINDANE) GAMMA-CHLORDANE	ND ND ND ND	6 6 3 3	U U U U	ND ND ND ND	6 6 3 3	U U U U	NA NA NA NA			ND ND ND ND	13 13 7 7	U U U U	ND ND ND ND	17 17 8 8	U U U U	NA NA NA NA			ND ND ND ND	6 6 3 3	U U U U	ND ND ND ND	7 7 3 3	U U U U
HEPTACHLOR HEPTACHLOR EPOXIDE METHOXYCHLOR TOXAPHENE	ND ND ND ND	3 3 28 280	U U U U	ND ND ND ND	3 3 28 280	U U U U	NA NA NA NA			ND ND ND ND	7 7 67 670	U U U U	ND ND ND ND	8 8 83 830	U U U U	NA NA NA NA			ND ND ND ND	3 3 30 300	U U U U	ND ND ND ND	3 3 33 330	U U U U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB006			TLSSB006			TLSSB007			TLSSB007			TLSSB007			TLSSB008			TLSSB008			TLSSB008		
Sample ID	281TLSSS017			281TLSSS018			281TLSSS019			281TLSSS020			281TLSSS021			281TLSSS022			281TLSSS023			281TLSSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	1.30 - 2.00			4.50 - 6.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			0.00 - 0.50			1.50 - 2.70			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in ug/Kg)																								
1,3,5-TRINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
1,3-DINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,4,6-TRINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,4-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,6-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
3-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
4-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
HMX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
NITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
RDX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
TETRYL	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
Total Metals (in mg/Kg)																								
ALUMINUM	25,700	5.4		23,000	5.5		5,470	8.6		14,600	13.2		12,600	16.1		9,580	5.2		28,600 T	5.8		24,000	6.5	
ANTIMONY	1.8 I	0.69	J	NA			3.1 #Ir	2.1	J	NA			NA			NA			1.6	0.75	J	1.2	0.84	J
ARSENIC	8.4 *#	0.93		11.1 *#	0.95		57.6 *#Ir	1.5		11.2 *#	2.3		5.7 *	2.8		11.5 *#	0.89		42.7 *#Ir	0.99		17.2 #θ	1.1	
BARIUM	91.4	0.10		90.5	0.10		340 I	0.16		52.3	0.24		35.7	0.30		148	0.10		57.6	0.11		67.2	0.12	
BERYLLIUM	ND	0.030	U	ND	0.030	U	ND	0.050	U	ND	0.11	U	ND	0.10	U	ND	0.030	U	ND	0.040	U	ND	0.040	U
CADMIUM	ND	0.070	U	ND	0.070	U	ND	0.11	U	ND	0.16	U	ND	0.20	U	ND	0.060	U	ND	0.070	U	ND	0.080	U
CALCIUM	5,040	4.8		4,990	4.9		2,850	7.6		8,190	11.7		6,390	14.3		2,840	4.6		6,280	5.1		4,150	5.8	
CHROMIUM	83.4 #Ir	0.60		78.6	0.61		24.3	0.95		49.2	1.5		39.0	1.8		27.1	0.57		1.6	0.64		88.0 #Ir	0.72	
COBALT	18.4	0.17		24.8 I	0.17		5.6	0.26		12.6	0.40		8.4	0.50		5.5	0.16		29.4 I	0.18		26.5 I	0.20	
COPPER	36.0 θ	0.26		33.5	0.27		264 #Ir	0.42		20.7	0.65		21.4	0.79		31.8	0.26		41.8 θ	0.28		19.4 θ	0.32	
IRON	38,500	5.2		37,000	5.3		14,400	8.3		22,000	12.7		14,800	15.6		11,300	5.0		31,000	5.6		40,900	6.3	
LEAD	11.4	0.50	J	10.9	0.51	J	156 *#Ir	0.79	J	5.8	1.2	J	5.3	1.5	J	31.2	0.48	J	15.9	0.53	J	12.8	0.60	J
MAGNESIUM	14,800	5.4		15,100	5.6		2,320	8.6		13,900	13.3		11,300	16.2		5,230	5.2		13,500	5.8		14,300	6.6	
MANGANESE	1,000 I	0.20		843 I	0.20		108	0.32		245	0.49		163	0.59		129	0.15		280	0.21		342	0.24	
MERCURY	ND	0.080	U	ND	0.080	U	0.38 #Ir	0.10		ND	0.20	J	ND	0.25	U	ND	0.18	U	ND	0.090	U	ND	0.10	U
MOLYBDENUM	ND	0.30	U	ND	0.31	U	3.7	0.47		1.7	0.73		3.4	0.89		1.5	0.29		ND	0.89	U	ND	0.36	U
NICKEL	78.1 #θ	1.1		105 #θ	1.1		24.8 θ	1.7		61.7 #θ	2.7		46.1 θ	3.3		30.1 θ	1.1		100 #θ	1.2		59.7 #θ	1.3	
POTASSIUM	4,730	9.2	J	4,490	9.4	J	1,190	14.6	J	4,140	22.5	J	3,630	27.5	J	2,410	8.9	J	5,240	9.9	J	5,300	11.2	J
SELENIUM	ND	1.1	U	ND	1.2	U	ND	1.8	U	ND	2.9	U	ND	3.4	U	ND	1.1	U	ND	1.2	U	ND	1.4	U
SILVER	ND	0.20	U	ND	0.20	U	1.2 #Ir	0.32		ND	0.49	U	ND	0.59	U	ND	0.19	U	ND	0.21	U	ND	0.24	U
SODIUM	11,300	42.3		11,600	43.4		10,200	67.3		34,600	128		25,300	128		5,330	40.8		6,760	45.6		8,340	51.4	

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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04/08/97

Table A-1

Analytical Results for Soil

Tidal Area Landfill (Site 1)

Point ID	TLSSB006			TLSSB006			TLSSB007			TLSSB007			TLSSB007			TLSSB008			TLSSB008			TLSSB008		
Sample ID	281TLSSS017			281TLSSS018			281TLSSS019			281TLSSS020			281TLSSS021			281TLSSS022			281TLSSS023			281TLSSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95			08/01/95		
Sample Depth (in feet)	1.30 - 2.00			4.50 - 6.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			0.00 - 0.50			1.50 - 2.70			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	1.2	0.65		1.7 Γ	0.68		ND	1.1	U	ND	1.5	U	ND	2.0	U	ND	0.54	U	ND	0.71	U	ND	0.90	U
VANADIUM	78.9	0.20		72.4	0.20		43.6	0.32		68.3	0.49		55.0	0.59		44.8	0.19		79.2	0.21		80.6	0.24	
ZINC	88.7	0.10		92.3	0.10		259 θΓσ	0.16		56.3	0.24		46.5	0.30		79.6	0.10		144	0.11		102	0.12	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			ND	7.0	UJ	NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/Kg)																								
SULFIDE	124	1.0	J	79.3	1.0	J	NA			NA			NA			41.1	1.0	J	NA			NA		
TOTAL ORGANIC CARBON	28,400	100		19,500	100		92,000	100		132,000	100		122,000	100		46,700	100		14,800	100		21,400	100	
Percent Moisture (percent)																								
PERCENT MOISTURE	40.0	1.0		41.0	1.0		NA			75.0	1.0		80.0	1.0		44.0	1.0		44.0	1.0		50.0	1.0	
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	7			7			4.6			5.4			6.95			7.3			5.9			6.5		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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APPENDIX B

ANALYTICAL DATA TABLES - R AREA DISPOSAL SITE

LIST OF TABLES

Table

1995

B-1 ANALYTICAL RESULTS FOR SOIL, R AREA DISPOSAL SITE (SITE 2)

B-2 ANALYTICAL RESULTS FOR SEDIMENT, R AREA DISPOSAL SITE (SITE 2)

B-3 ANALYTICAL RESULTS FOR SURFACE WATER, R AREA DISPOSAL SITE (SITE 2)

1998

B-4 ANALYTICAL RESULTS FOR TISSUE, R AREA DISPOSAL SITE (SITE 2)

Notes:

Point ID	Location of the sample.
Sample ID	Number assigned before the sample is sent to the analytical laboratory. The sample ID is separate from the point (location) ID to ensure that samples are sent blind to the laboratory.
Matrix	Sample media (soil, sediment, and surface water).
Sample Date	Date of sample collection.
Sample Depth	Depth, in feet below ground surface (bgs). Soil or sediment samples collected from a depth of 0 to 0.5 feet bgs are considered surface soil or sediment, and samples collected below 0.5 feet bgs are considered subsurface samples. Surface water samples are collected at a depth of 0 feet bgs.
Result	Listed by analytical group; the concentration shown is the detected concentration.
Detection Limit	The detection limit achieved by the laboratory that is specific to the sample and analyte. The detection limit is different from the sample quantitation limit, which is not sample-specific and instead applies to the methodology.
Qualifier	A qualifier assigned after data validation. "U" indicates undetected results, "J" indicates estimated results.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB001			RADSB002			RADSB003			RADSB004			RADSB005			RADSB006			RADSB007			RADSB008		
Sample ID	281RADSS02E			281RADSS019			281RADSS026			281RADSS018			281RADSS27			281RADSS12			281RADSS020			281RADSS013		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/02/95			08/02/95			08/02/95			08/02/95			07/27/95			08/02/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
ACETONE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
STYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB001			RADSB002			RADSB003			RADSB004			RADSB005			RADSB006			RADSB007			RADSB008		
Sample ID	281RADSS025			281RADSS019			281RADSS026			281RADSS018			281RADSS027			281RADSS012			281RADSS020			281RADSS013		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/02/95			08/02/95			08/02/95			08/02/95			07/27/95			08/02/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
1,2,4-TRICHLOROBENZENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
1,2-DICHLOROBENZENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
1,3-DICHLOROBENZENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
1,4-DICHLOROBENZENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
1-METHYLNAPHTHALENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
1-METHYLPHENANTHRENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	37	140	J	ND	140	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2,3,5-TRIMETHYLNAPHTHALENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2,4,5-TRICHLOROPHENOL	ND	870	U	ND	590	U	ND	590	U	ND	1,900	U	ND	2,000	U	ND	2,000	U	ND	360	U	ND	350	U
2,4,6-TRICHLOROPHENOL	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2,4-DICHLOROPHENOL	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2,4-DIMETHYLPHENOL	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2,4-DINITROPHENOL	ND	870	U	ND	590	U	ND	590	U	ND	1,900	U	ND	2,000	U	ND	2,000	U	ND	360	U	ND	350	U
2,4-DINITROTOLUENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2,6-DIMETHYLNAPHTHALENE	ND	350	U	97	240	J	53	240	J	130	750	J	98	790	J	ND	790	U	ND	140	U	ND	140	U
2,6-DINITROTOLUENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2-CHLORONAPHTHALENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2-CHLOROPHENOL	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2-METHYLNAPHTHALENE	42	350	J	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2-METHYLPHENOL	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
2-NITROANILINE	ND	870	U	ND	590	U	ND	590	U	ND	1,900	U	ND	2,000	U	ND	2,000	U	ND	360	U	ND	350	U
2-NITROPHENOL	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
3,3'-DICHLOROBENZIDINE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
3-NITROANILINE	ND	870	U	ND	590	U	ND	590	U	ND	1,900	U	ND	2,000	U	ND	2,000	U	ND	360	U	ND	350	U
4,6-DINITRO-2-METHYLPHENOL	ND	870	U	ND	590	U	ND	590	U	ND	1,900	U	ND	2,000	U	ND	2,000	U	ND	360	U	ND	350	U
4-BROMOPHENYL-PHENYLETHER	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
4-CHLORO-3-METHYLPHENOL	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
4-CHLOROANILINE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
4-CHLOROPHENYL-PHENYLETHER	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
4-METHYLPHENOL	45	350	J	34	240	J	ND	240	U	ND	750	U	ND	790	U	240	790	J	ND	140	U	ND	140	U
4-NITROANILINE	ND	870	U	ND	590	U	ND	590	U	ND	1,900	U	ND	2,000	U	ND	2,000	U	ND	360	U	ND	350	U
4-NITROPHENOL	ND	870	U	ND	590	U	ND	590	U	ND	1,900	U	ND	2,000	U	ND	2,000	U	ND	360	U	ND	350	U
ACENAPHTHENE	ND	350	U	10.6	240	J	ND	240	U	ND	750	U	ND	790	U	ND	790	U	15	140	J	18.0	140	J

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB001			RADSB002			RADSB003			RADSB004			RADSB005			RADSB006			RADSB007			RADSB008		
Sample ID	281RADSS025			281RADSS019			281RADSS026			281RADSS018			281RADSS027			281RADSS012			281RADSS020			281RADSS013		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/02/95			08/02/95			08/02/95			08/02/95			07/27/95			08/02/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
ACENAPETHYLENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
ANTHRACENE	38	350	J	30	240	J	ND	240	U	ND	750	U	ND	790	U	ND	790	U	100 θ	140	J	67	140	J
BENZO(A)ANTHRACENE	68	350	J	44	240	J	32	240	J	ND	750	U	ND	790	U	ND	790	U	440 θ	140		340 θ	140	
BENZO(A)PYRENE	48 *	350	J	43	240	J	45	240	J	ND	750	U	ND	790	U	ND	790	U	320 *	140		280 *	140	
BENZO(B)FLUORANTHENE	70	350	J	49	240	J	45	240	J	ND	750	U	ND	790	U	ND	790	U	360	140		390	140	
BENZO(E)PYRENE	45	350	J	43	240	J	31	240	J	ND	750	U	ND	790	U	ND	790	U	210	140		230	140	
BENZO(G,H,I)PERYLENE	65	350	J	51	240	J	41	240	J	ND	750	U	ND	790	U	ND	790	U	220	140		220	140	
BENZO(K)FLUORANTHENE	50	350	J	43	240	J	34	240	J	ND	750	U	ND	790	U	ND	790	U	340	140	J	260	140	
BENZOIC ACID	260	870	J	150	590	J	71	550	J	95	1,900	J	ND	2,000	UJ	230	2,000	J	ND	360	U	ND	350	UJ
BENZYL ALCOHOL	ND	350	U	ND	240	UJ	ND	240	UJ	ND	750	UJ	ND	790	U	ND	790	U	ND	140	U	ND	140	U
BIS(2-CHLOROETHOXY)METHANE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
BIS(2-CHLOROETHYL)ETHER	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
BUTYLBENZYLPHTHALATE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
CARBAZOLE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	40	140	J	24	140	J
CHRYSENE	86	350	J	83	240	J	38	240	J	ND	750	U	ND	790	U	ND	790	U	440 θ	140		400 θ	140	
DI-N-BUTYLPHTHALATE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
DI-N-OCTYLPHTHALATE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
DIBENZ(A,H)ANTHRACENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	94 *θ	140	J	87 *θ	140	J
DIBENZOFURAN	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
DIBENZOTHIOPHENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	23	140	J	ND	140	U
DIETHYLPHTHALATE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
DIMETHYLPHTHALATE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
FLUORANTHENE	150	350	J	110	240	J	72	240	J	210	750	J	ND	790	U	ND	790	U	1,100 θ	140		650 θ	140	J
FLUORENE	ND	350	U	25 θ	240	J	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
HEXACHLOROBENZENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
HEXACHLOROBUTADIENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
HEXACHLOROCYCLOPENTADIENE	ND	350	U	ND	240	UJ	NA			ND	750	UJ	NA			ND	790	U	ND	140	U	ND	140	U
HEXACHLOROETHANE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
INDENO(1,2,3-CD)PYRENE	ND	350	U	37	240	J	37	240	J	ND	750	U	ND	790	U	ND	790	U	190	140		180	140	
ISOPHORONE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
N-NITROSO-DI-N-PROPYLAMINE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
N-NITROSODIPHENYLAMINE (1)	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
NAPHTHALENE	210 θ	350	J	160	240	J	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	19	140	J

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB001			RADSB002			RADSB003			RADSB004			RADSB005			RADSB006			RADSB007			RADSB008		
Sample ID	281RADSS025			281RADSS019			281RADSS026			281RADSS018			281RADSS027			281RADSS012			281RADSS020			281RADSS013		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/02/95			08/02/95			08/02/95			08/02/95			07/27/95			08/02/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	J	ND	140	U
PENTACHLOROPHENOL	ND	870	U	ND	590	J	ND	590	U	ND	1,900	U	ND	2,000	U	ND	2,000	U	ND	360	U	ND	350	U
PERYLENE	ND	350	U	46	240	J	66	240	J	ND	750	U	ND	790	U	ND	790	U	87	140	J	95	140	J
PHENANTHRENE	120	350	J	43	240	J	ND	240	U	ND	750	U	ND	790	U	ND	790	U	550 θ	140		330 θ	140	
PHENOL	ND	350	U	ND	240	U	ND	240	U	ND	750	U	ND	790	U	ND	790	U	ND	140	U	ND	140	U
PYRENE	98	350	J	170	240		89	240	J	130	750	J	86	790	J	ND	790	U	680 θ	140		580	140	
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 263, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB001			RADSB002			RADSB003			RADSB004			RADSB005			RADSB006			RADSB007			RADSB008		
Sample ID	281RADSS025			281RADSS019			281RADSS026			281RADSS018			281RADSS027			281RADSS012			281RADSS020			281RADSS013		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/02/95			08/02/95			08/02/95			08/02/95			07/27/95			08/02/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTEYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETEYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB001			RADSB002			RADSB003			RADSB004			RADSB005			RADSB006			RADSB007			RADSB008		
Sample ID	281RADSSC25			281RADSS019			281RADSS026			281RADSS018			281RADSS027			281RADSSC12			281RADSS020			281RADSS013		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/02/95			08/02/95			08/02/95			08/02/95			07/27/95			08/02/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/Kg)																								
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in ug/Kg)																								
2,4'-DDD	ND	0.3	U	0.7	0.4		ND	0.4	U	ND	0.5	U	0.4	0.2		ND	0.5	U	ND	0.1	U	ND	0.1	U
2,4'-DDE	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	U
2,4'-DDT	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	0.3	0.1	
4,4'-DDD	0.5	0.3		2.8	0.4		1	0.4		1	0.5		1	0.2		ND	1	U	ND	0.1	U	ND	0.1	U
4,4'-DDE	ND	0.3	U	3.8	0.4		2	0.4		2	0.5		2	0.2		2.6	0.5		ND	0.1	U	0.5	0.1	
4,4'-DDT	ND	0.3	U	0.9	0.4		ND	0.4	U	ND	0.5	U	0.6	0.2		ND	0.5	U	ND	0.1	U	ND	0.4	U
ALDRIN	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	U
ALPHA-CHLORDANE	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	U
DIELDRIN	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	U
GAMMA-BHC (LINDANE)	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	U
HEPTACHLOR	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	U
HEPTACHLOR EPOXIDE	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	U
HEXACHLOROBENZENE	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	J	0.3	0.1	J
MIREX	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	J
PCB-101 (2,2',3,5,5')	ND	0.3	U	3.4	0.4		0.3	0.4	J	0.6	0.5		ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-105 (2,3,3',4,4')	ND	0.3	U	0.6	0.4		ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-118 (2,3',4,4',5)	ND	0.3	U	0.5	0.4		0.3	0.4	J	0.7	0.5		ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-126 (3,3',4,4',5)	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-128 (2,2',3,3',4,4')	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-138 (2,2',3,4,4',5')	ND	0.3	U	0.8	0.4		0.3	0.4	J	1	0.5		ND	0.2	U	ND	0.5	U	0.2	0.1		ND	0.1	UJ
PCB-153 (2,2',4,4',5,5')	ND	0.3	U	0.7	0.4		0.4	0.4		0.6	0.5		ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-170 (2,2',3,3',4,4',5)	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-18 (2,2',5)	ND	0.3	U	ND	0.4	U	0.2	0.4	J	ND	0.5	U	0.2	0.2	J	0.2	0.5	J	ND	0.1	U	ND	0.1	UJ
PCB-180 (2,2',3,4,4',5,5')	ND	0.3	U	0.6	0.4		ND	0.4	U	0.8	0.5		ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-187 (2,2',3,4',5,5',6)	ND	0.3	U	0.4	0.4		ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-206 (2,2',3,3',4,4',5,5',	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-28 (2,4,4')	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-44 (2,2',3,5')	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCE 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB001			RADSB002			RADSB003			RADSB004			RADSB005			RADSB006			RADSB007			RADSB008		
Sample ID	281RADSS025			281RADSS019			281RADSS026			281RADSS018			281RADSS027			281RADSS012			281RADSS020			281RADSS013		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/02/95			08/02/95			08/02/95			08/02/95			07/27/95			08/02/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	ND	0.3	U	0.4	0.4		1	0.4		0.9	0.5		1	0.2		1	0.5	J	ND	0.1	U	ND	0.1	UJ
PCB-66 (2,3',4,4')	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
PCB-77 (3,3',4,4')	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	1	0.5	J	ND	0.1	U	ND	0.1	UJ
PCB-8 (2,4')	ND	0.3	U	0.5	0.4		1	0.4		0.7	0.5		ND	0.2	U	ND	0.5	U	ND	0.2	U	ND	0.1	UJ
TRANS-NONACHLOR	ND	0.3	U	ND	0.4	U	ND	0.4	U	ND	0.5	U	ND	0.2	U	ND	0.5	U	ND	0.1	U	ND	0.1	UJ
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			NA		
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

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Sample ID	281RADSS025			281RADSS019			281RADSS026			281RADSS018			281RADSS027			281RADSS012			281RADSS020			281RADSS013		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/02/95			08/02/95			08/02/95			08/02/95			07/27/95			08/02/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
1,3-DINITROBENZENE	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
2,4,6-TRINITROTOLUENE	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
2,4-DINITROTOLUENE	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
2,6-DINITROTOLUENE	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
2-NITROTOLUENE	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
3-NITROTOLUENE	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
4-NITROTOLUENE	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
HMX	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
NITROBENZENE	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
RDX	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
TETRYL	NA			ND	120	U	NA			NA			NA			NA			ND	120	U	ND	120	U
Total Metals (in mg/Kg)																								
ALUMINUM	17,100	6.7		19,900	6.0		29,300 Γ	10.5		30,200 Γ	9.1		26,100 Γ	9.6		14,900	15.0		13,200	3.4		12,800	3.4	
ANTIMONY	ND	2.1	U	NA			1.0 θΓ	1.4	J	1.3	1.2	J	ND	1.2	UJ	ND	1.9	UJ	2.0 Γ	0.43	J	5.6 θΓ	0.44	J
ARSENIC	15.2 *θ	1.2		11.1 *θ	1.0		25.0 *θΓ	1.8		9.0 *θ	1.5		15.0 *θ	1.6		33.2 *θΓσ	2.6		9.5 *θ	0.58		11.1 *θ	0.58	
BARIUM	97.7	0.12	J	83.2	0.11		90.9	0.19	J	89.8	0.17		93.1	0.18	J	87.7	0.28		232	0.060		189	0.060	
BERYLLIUM	ND	0.040	U	ND	0.040	U	ND	0.17	U	ND	0.050	U	ND	0.060	U	ND	0.090	UJ	ND	0.020	U	ND	0.020	UJ
CADMIUM	ND	0.080	U	ND	0.070	U	0.43 Γ	0.13		ND	0.11	U	ND	0.12	U	ND	0.18	UJ	ND	0.040	U	ND	0.040	UJ
CALCIUM	4,900	6.0		6,890	5.3		3,920	9.3		5,190	8.0		6,550	8.5		5,670	13.3		3,410	3.0		13,500	3.0	
CHROMIUM	52.8	0.74		53.6	0.66		92.3 θΓ	1.2		90.2 θΓ	1.0		80.1	1.1		56.2	1.7		37.2	0.37		33.4	0.38	
COBALT	19.3	0.21		18.0	0.18		31.5 Γ	0.32		21.9	0.28		23.6	0.29		27.3 Γ	0.46		17.1	0.10		13.8	0.10	
COPPER	64.9 θΓ	0.33		57.8 θ	0.29		83.4 θΓ	0.51		68.7 θΓ	0.45		56.5 θ	0.47		57.6 θ	0.74		62.3 θΓ	0.16		62.4 θΓ	0.17	
IRON	37,600	6.5		32,200	5.8		43,900	10.1		43,900	8.7		53,100	9.2		71,400	14.5		25,900	3.2		27,300	3.3	
LEAD	89.8 θΓσ	0.62		56.1	0.55	J	66.4 θΓσ	0.96		44.8	0.84	J	40.5	0.88		31.1	1.4		275 *θΓσ	0.31	J	132 *θΓσ	0.31	
MAGNESIUM	11,000	6.8		9,770	6.0		13,300	10.5		15,200	9.1		15,600	9.5		11,200	15.1		8,990	3.4		9,490	3.4	
MANGANESE	429	0.25		383	0.22		478	0.39		539	0.33		563	0.35		897 Γ	0.55		827	0.12		716	0.13	
MERCURY	0.27 θΓ	0.10		ND	0.15	UJ	0.55 θΓσ	0.10		0.79 θΓσ	0.10		0.34 θΓ	0.10		ND	0.44	U	0.36 θΓσ	0.10		ND	0.15	U
MOLYBDENUM	ND	0.52	U	ND	0.62	UJ	ND	0.85	U	ND	0.50	UJ	ND	0.53	UJ	ND	0.83	U	ND	0.48	U	ND	0.19	U
NICKEL	67.4 θθ	1.4		56.7 θθ	1.2	J	114 θθΓ	2.1		86.4 θθ	1.8		76.4 θθ	1.9		76.4 θθ	3.0		74.1 θθ	0.58		66.4 θθ	0.69	
POTASSIUM	3,280	11.5	J	3,700	10.2	J	5,310	17.9	J	5,440	15.5	J	4,270	16.4	J	3,050	25.6	J	2,230	5.7	J	2,830	5.8	J
SELENIUM	ND	1.4	UJ	ND	1.2	UJ	ND	2.2	UJ	ND	1.9	UJ	ND	2.0	UJ	ND	3.1	UJ	ND	0.85	UJ	ND	0.71	UJ
SILVER	ND	0.25	UJ	ND	0.22	UJ	ND	0.39	UJ	ND	0.33	UJ	ND	0.35	UJ	0.82 Γ	0.55		ND	0.12	UJ	0.28 Γ	0.13	
SODIUM	1,890	52.9		4,800	46.8		5,640	82.3		7,180	71.3		2,230	75.2		10,800	118	J	952	26.3		2,550	26.7	J

Notes: Detected concentrations are shaded.

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from OTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB001			RADSB002			RADSB003			RADSB004			RADSB005			RADSB006			RADSB007			RADSB008		
Sample ID	281RADSS025			281RADSS019			281RADSS026			281RADSS018			281RADSS027			281RADSS012			281RADSS020			281RADSS013		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/02/95			08/02/95			08/02/95			08/02/95			07/27/95			08/02/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.83	UJ	ND	0.73	U	ND	1.3	UJ	ND	1.1	U	ND	1.2	UJ	ND	1.8	U	0.92	0.41		ND	0.42	U
VANADIUM	67.5 θΓσ	0.25		68.2 θΓσ	0.22		102 Γ 309 θΓσ	0.39		96.8 Γ 193 θΓσ	0.33		89.0 Γ 232 θΓσ	0.35		95.6 Γ 474 #θΓσ	0.55		70.3 290 θΓσ	0.12		55.3 266 θΓσ	0.13	
ZINC	304 θΓσ	0.12	J	264 θΓσ	0.11		309 θΓσ	0.19	J	193 θΓσ	0.17		232 θΓσ	0.18	J	474 #θΓσ	0.28		290 θΓσ	0.060		266 θΓσ	0.060	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	77.8	0.50	J	594	1.0	J	717	0.50	J	4,890	1.0	J	2,470	0.50	J	12,600	1.0		NA			ND	10.4	U
TOTAL ORGANIC CARBON	55,400	100		27,500	100		41,200	100		35,300	100		14,600	100		68,200	100		15,500	100		94,100	100	
Percent Moisture (percent)																								
PERCENT MOISTURE	62.0	1.0		72.0	1.0		72.0	1.0		78.0	1.0		58.0	1.0		79.0			6.0	1.0		6.0		
Miscellaneous																								
PH	8			8.2			8.3			7.8			8.3			7.4			8.4			7.2		

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB009			RADSB010			RADSB011			RADSB012			RADSB013			RADSB014			RADSB015			RADSB016		
Sample ID	281RADSS042			281RADSS120			281RADSS119			281RADSS014			281RADSS015			281RADSS147			281RADSS148			281RADSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/23/95			08/23/95			07/27/95			07/27/95			08/28/95			08/28/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
ACETONE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
STYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 333

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB009			RADSB010			RADSB011			RADSB012			RADSB013			RADSB014			RADSB015			RADSB016		
Sample ID	281RADSS042			281RADSS120			281RADSS119			281RADSS014			281RADSS015			281RADSS147			281RADSS148			281RADSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/23/95			08/23/95			07/27/95			07/27/95			08/28/95			08/28/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
1,2,4-TRICHLOROBENZENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
1,2-DICELOROBENZENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
1,3-DICHLOROBENZENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
1,4-DICHLOROBENZENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
1-METHYLNAPHTHALENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
1-METHYLPHENANTHRENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2,2'-OXYBIS(1-CELOROPROPANE)	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2,4,5-TRICHLOROPHENOL	ND	500	U	ND	130	U	ND	120	U	ND	1,100	U	ND	1,200	U	ND	570	U	ND	89	U	NA		
2,4,6-TRICHLOROPHENOL	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2,4-DICHLOROPHENOL	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2,4-DIMETHYLPHENOL	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2,4-DINITROPHENOL	ND	500	U	ND	130	U	ND	120	U	ND	1,100	U	ND	1,200	U	ND	570	U	ND	89	U	NA		
2,4-DINITROTOLUENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2,6-DIMETHYLNAPHTHALENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2,6-DINITROTOLUENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2-CHLORONAPHTHALENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2-CHLOROPHENOL	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2-METHYLNAPHTHALENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2-METHYLPHENOL	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
2-NITROANILINE	ND	500	U	ND	130	U	ND	120	U	ND	1,100	U	ND	1,200	U	ND	570	U	ND	89	U	NA		
2-NITROPHENOL	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
3,3'-DICHLOROBENZIDINE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
3-NITROANILINE	ND	500	U	ND	130	U	ND	120	U	ND	1,100	U	ND	1,200	U	ND	570	U	ND	89	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	500	U	ND	130	U	ND	120	U	ND	1,100	U	ND	1,200	U	ND	570	U	ND	89	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
4-CHLORO-3-METHYLPHENOL	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
4-CHLOROANILINE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
4-METHYLPHENOL	35	200	J	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
4-NITROANILINE	ND	500	U	ND	130	U	ND	120	U	ND	1,100	U	ND	1,200	U	ND	570	U	ND	89	U	NA		
4-NITROPHENOL	ND	500	U	NA			ND	120	UJ	ND	1,100	U	ND	1,200	U	ND	570	U	ND	89	U	NA		
ACENAPHTHENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		

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R Area Disposal Site (Site 2)

Point ID	RADSB009			RADSB010			RADSB011			RADSB012			RADSB013			RADSB014			RADSB015			RADSB016		
Sample ID	281RADSS042			281RADSS120			281RADSS119			281RADSS014			281RADSS015			281RADSS147			281RADSS148			281RADSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/23/95			08/23/95			07/27/95			07/27/95			08/28/95			08/28/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
ACENAPHTHYLENE	ND	200	U	ND	50	U	ND	47	U	ND	430	J	ND	460	J	ND	230	U	ND	35	U	NA		
ANTERACENE	ND	200	U	ND	50	U	ND	47	U	ND	430	J	ND	460	J	ND	230	U	ND	35	U	NA		
BENZO(A)ANTHRACENE	ND	200	U	ND	50	U	ND	47	U	97	430	J	88	460	J	ND	230	U	ND	35	U	NA		
BENZO(A)PYRENE	ND	200	U	ND	50	U	ND	47	U	140 *	430	J	97 *	460	J	ND	230	U	ND	35	U	NA		
BENZO(B)FLUORANTHENE	ND	200	U	ND	50	U	ND	47	U	210	430	J	200	460	J	ND	230	U	ND	35	U	NA		
BENZO(E)PYRENE	ND	200	U	ND	50	U	ND	47	U	110	430	J	110	460	J	ND	230	U	ND	35	U	NA		
BENZO(G,H,I)PERYLENE	ND	200	U	ND	50	U	ND	47	U	130	430	J	110	460	J	ND	230	U	ND	35	U	NA		
BENZO(K)FLUORANTHENE	ND	200	U	ND	50	U	ND	47	U	84	430	J	84	460	J	ND	230	U	ND	35	U	NA		
BENZOIC ACID	ND	500	U	ND	130	U	ND	120	U	ND	1,100	UJ	ND	1,200	UJ	ND	570	U	ND	89	U	NA		
BENZYL ALCOHOL	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	200	U	ND	50	U	180	47		ND	430	U	ND	660	U	ND	510	U	ND	82	U	NA		
BUTYLBENZYLPHTHALATE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
CARBAZOLE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
CHRYSENE	ND	200	U	ND	50	U	ND	47	U	230	430	J	180	460	J	140	230	J	ND	35	U	NA		
DI-N-BUTYLPHTHALATE	ND	200	U	ND	50	U	ND	49	U	ND	430	U	ND	460	U	ND	230	U	ND	41	U	NA		
DI-N-OCTYLPHTHALATE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
DIBENZ(A,H)ANTHRACENE	ND	200	U	ND	50	U	ND	47	U	58	430	J	ND	460	U	ND	230	U	ND	35	U	NA		
DIBENZOFURAN	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
DIBENZOTHIOPHENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
DIETHYLPHTHALATE	ND	200	U	ND	50	U	160	47		ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
DIMETHYLPHTHALATE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
FLUORANTHENE	ND	200	U	ND	50	U	ND	47	U	280	430	J	220	460	J	170	230	J	ND	35	U	NA		
FLUORENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
HEXACHLOROBENZENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
HEXACHLOROBUTADIENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
HEXACHLOROCYCLOPENTADIENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
HEXACHLOROETHANE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
INDENO(1,2,3-CD)PYRENE	ND	200	U	ND	50	U	ND	47	U	140	430	J	92	460	J	ND	230	U	ND	35	U	NA		
ISOPHORONE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
N-NITROSODIPHENYLAMINE (1)	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
NAPHTHALENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB009			RADSB010			RADSB011			RADSB012			RADSB013			RADSB014			RADSB015			RADSB016		
Sample ID	281RADSS042			281RADSS120			281RADSS119			281RADSS014			281RADSS015			281RADSS147			281RADSS148			281RADSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/23/95			08/23/95			07/27/95			07/27/95			08/28/95			08/28/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	460	U	ND	230	U	ND	35	U	NA		
PENTACHLOROPHENOL	ND	500	U	ND	130	U	ND	120	U	ND	1,100	U	ND	1,200	U	ND	570	U	ND	89	U	NA		
PERYLENE	ND	200	U	ND	50	U	ND	47	U	68	430	J	ND	460	U	ND	230	U	ND	35	U	NA		
PHENANTHRENE	ND	200	U	ND	50	U	ND	47	U	120	430	J	120	460	J	ND	230	U	ND	35	U	NA		
PHENOL	ND	200	U	ND	50	U	ND	47	U	ND	430	U	ND	120	U	ND	230	U	ND	40	U	NA		
PYRENE	ND	200	U	ND	50	U	ND	47	U	190	430	J	190	460	J	130	230	U	ND	35	U	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLORCBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLORCBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLORCBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB009			RADSB010			RADSB011			RADSB012			RADSB013			RADSB014			RADSB015			RADSB016		
Sample ID	281RADSS042			281RADSS120			281RADSS119			281RADSS014			281RADSS015			281RADSS147			281RADSS148			281RADSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/23/95			08/23/95			07/27/95			07/27/95			08/28/95			08/28/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/kg)																								
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		

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04/08/97

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Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB009			RADSB010			RADSB011			RADSB012			RADSB013			RADSB014			RADSB015			RADSB016		
Sample ID	281RADSS042			281RADSS120			281RADSS119			281RADSS014			281RADSS015			281RADSS147			281RADSS148			281RADSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/23/95			08/23/95			07/27/95			07/27/95			08/28/95			08/28/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/Kg)																								
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in ug/Kg)																								
2,4'-DDD	0.6	0.2	J	7	0.5		7	0.6	J	2	0.1	J	0.7	0.1	J	0.3	0.1		ND	0.1	U	NA		
2,4'-DDE	ND	0.2	U	1	0.5		1	0.6		0.3	0.1	J	ND	0.1	J	0.3	0.1		ND	0.1	U	NA		
2,4'-DDT	1	0.2		3	0.5		5	0.6		0.7	0.1		ND	0.1	J	ND	0.1	J	0.2	0.1		NA		
4,4'-DDD	0.9	0.2		20 #	0.5		26 #θ	0.6		4 #θ	0.1		ND	1	J	0.3	0.1		ND	0.1	U	NA		
4,4'-DDE	1	0.2		9 θ	0.5		7 θ	0.6		3 θ	0.1		0.7	0.1		0.4	0.1		0.3	0.1		NA		
4,4'-DDT	5 #θ	0.2	J	12 #θ	0.5		28 #θ	0.6		3 θ	0.1	J	ND	0.4	J	ND	0.1	J	2.9	0.1		NA		
ALDRIN	ND	0.2	U	ND	0.5	U	ND	0.6	U	ND	0.1	U	0.3	0.1	J	ND	0.1	J	ND	0.1	U	NA		
ALPHA-CHLORDANE	1 θ	0.2		1 θ	0.5		3 θ	0.6		1 θ	0.1		2 θ	0.1		0.5 θ	0.1		0.3	0.1		NA		
DIELDRIN	0.7 θ	0.2		0.9 θ	0.5		2 θ	0.6		0.6 θ	0.1		0.4 θ	0.1		ND	0.1	J	ND	0.1	U	NA		
GAMMA-BHC (LINDANE)	ND	0.2	U	ND	0.5	U	ND	0.6	J	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA		
HEPTACHLOR	ND	0.2	U	ND	0.5	U	ND	0.6	J	ND	0.1	U	ND	0.1	U	ND	0.3	U	ND	0.3	U	NA		
HEPTACHLOR EPOXIDE	ND	0.2	U	ND	0.5	U	ND	0.6	J	ND	0.1	U	ND	0.1	U	ND	0.2	U	ND	0.1	U	NA		
HEXACHLOROBENZENE	0.5	0.2		ND	0.5	U	2	0.6		0.5	0.1		0.2	0.1	J	ND	0.1	U	ND	0.1	U	NA		
MIREX	0.2	0.2		ND	0.5	U	1	0.6	J	0.7	0.1	J	0.3	0.1		ND	0.1	U	ND	0.1	U	NA		
PCB-101 (2,2',3,5,5')	0.4	0.2	J	ND	0.5	U	0.5	0.6	J	0.4	0.1	J	0.2	0.1	J	0.07	0.1	J	0.2	0.1		NA		
PCB-105 (2,3,3',4,4')	0.4	0.2	J	ND	0.5	U	1	0.6	J	0.4	0.1		0.3	0.1	J	ND	0.1	U	ND	0.1	U	NA		
PCB-118 (2,3',4,4',5)	0.6	0.2	J	ND	0.5	U	0.9	0.6	J	0.4	0.1		0.3	0.1	J	ND	0.1	U	0.2	0.1		NA		
PCB-126 (3,3',4,4',5)	ND	0.2	UJ	3	0.5	J	ND	0.6	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA		
PCB-128 (2,2',3,3',4,4')	ND	0.2	UJ	ND	0.5	U	ND	0.6	U	0.2	0.1	J	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA		
PCB-138 (2,2',3,4,4',5')	0.5	0.2		ND	0.5	U	1	0.6	J	0.4	0.1	J	0.6	0.1	J	ND	0.1	U	0.2	0.1		NA		
PCB-153 (2,2',4,4',5,5')	0.4	0.2	J	ND	0.5	U	1	0.6		0.6	0.1		0.5	0.1	J	ND	0.1	U	0.2	0.1		NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.2	UJ	ND	0.5	U	ND	0.6	U	0.3	0.1		ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA		
PCB-18 (2,2',5)	ND	0.2	UJ	ND	0.5	U	ND	0.6	U	ND	0.1	U	0.1	0.1	J	ND	0.1	U	ND	0.1	U	NA		
PCB-180 (2,2',3,4,4',5,5')	0.3	0.2		ND	0.5	U	1	0.6		0.3	0.1	U	0.4	0.1	J	ND	0.1	U	ND	0.1	U	NA		
PCB-187 (2,2',3,4',5,5',6)	0.2	0.2		ND	0.5	U	ND	0.6	U	0.3	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.2	U	ND	0.5	U	ND	0.6	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA		
PCB-206 (2,2',3,3',4,4',5,5',	ND	0.2	U	0.4	0.5	U	ND	0.6	U	0.5	0.1	U	0.2	0.1	J	ND	0.1	U	0.1	0.1		NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.2	U	ND	0.5	U	ND	0.6	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA		
PCB-28 (2,4,4')	ND	0.2	U	ND	0.5	U	ND	0.6	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA		
PCB-44 (2,2',3,5')	ND	0.2	U	ND	0.5	U	ND	0.6	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA		

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB009			RADSB010			RADSB011			RADSB012			RADSB013			RADSB014			RADSB015			RADSB016		
Sample ID	281RADSS042			281RADSS120			281RADSS119			281RADSS014			281RADSS015			281RADSS147			281RADSS148			281RADSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/23/95			08/23/95			07/27/95			07/27/95			08/28/95			08/28/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	0.08	0.2	J	ND	0.5	U	ND	0.6	J	ND	0.1	U	0.2	0.1	J	ND	0.1	U	ND	0.1	U	NA		
PCB-66 (2,3',4,4')	ND	0.2	UJ	ND	0.5	U	0.9	0.6	J	0.2	0.1	J	0.4	0.1	J	ND	0.1	U	ND	0.1	U	NA		
PCB-77 (3,3',4,4')	ND	0.2	U	ND	0.5	U	ND	0.6	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA		
PCB-8 (2,4')	ND	0.2	U	ND	0.5	U	2	0.6	J	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	0.4	0.1		NA		
TRANS-NONACHLOR	1	0.2	J	0.7	0.5		2	0.6	J	1	0.1		2	0.1		0.7	0.1		0.3	0.1		NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			NA		
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed. Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

ɔ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 032

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB009			RADSB010			RADSB011			RADSB012			RADSB013			RADSB014			RADSB015			RADSB016		
Sample ID	281RADSS042			281RADSS120			281RADSS119			281RADSS014			281RADSS015			281RADSS147			281RADSS148			281RADSSC24		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/23/95			08/23/95			07/27/95			07/27/95			08/28/95			08/28/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in ug/Kg)																								
1,3,5-TRINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
2-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
3-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
4-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
HMX	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
NITROBENZENE	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
RDX	ND	120	U	ND	120	U	ND	120	U	NA			NA			NA			NA			NA		
TETRYL	NA			ND	120	UJ	ND	120	UJ	NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	16,100	5.3		19,400	5.0	U	26,800 I	4.0	J	20,900	3.8	J	26,200	4.6	UJ	12,900	4.4	J	12,400	3.4	J	23,700	6.7	
ANTIMONY	ND	0.66	UJ	ND	2.3	U	2.9 BT	0.51	J	2.6 I	0.49	J	ND	0.60	UJ	1.4	0.56	J	1.1	0.44	J	ND	1.9	C
ARSENIC	12.3 *#	0.90		17.2 *#	0.86		17.7 *#	0.66		28.2 *#T	0.66		25.2 *#T	0.80		7.3 *	0.59		6.1 *	0.59		14.7 *#	1.1	C
BARIUM	98.0	0.10		50.0	0.090		104	0.070		65.7	0.070		159	0.090		76.3	0.080		140	0.050		85.4	0.12	J
BERYLLIUM	ND	0.030	U	ND	0.15	U	ND	0.070	U	ND	0.020	U	ND	0.030	U	ND	0.030	U	ND	0.020	U	ND	0.040	U
CADMIUM	ND	0.050	UJ	ND	0.060	U	ND	0.050	UJ	ND	0.050	U	ND	0.060	U	ND	0.050	U	ND	0.040	U	ND	0.080	U
CALCIUM	4,330	4.5		2,100	4.4		3,160	3.5		4,060	3.4		6,210	4.1		3,600	3.9		6,050	3.0		3,880	5.9	
CHROMIUM	46.3	0.58		69.6	0.55	J	93.4 BT	0.44	J	72.3	0.42		65.8	0.51		47.5	0.48		53.6	0.38		81.7 BT	0.74	
COBALT	16.2	0.16		11.1	0.15	J	14.1	0.12	J	18.8	0.12		21.9	0.14		16.6	0.13		15.5	0.10		21.2	0.21	
COPPER	45.8 θ	0.26		47.4 θ	0.25		48.5 θ	0.19		71.0 θT	0.19		55.3 θ	0.23		20.6	0.21		24.1	0.17		65.5 θT	0.33	
IRON	28,100	5.1		37,300	4.8		48,200	3.8		32,400	3.7		49,500	4.5		23,500	4.2		25,000	3.3		39,900	6.4	
LEAD	40.9	0.48		79.2 θT#	0.46		75.4 θT#	0.36		70.7 θT#	0.35		41.0	0.43		7.5	0.40		13.7	0.31		49.3 θ	0.62	
MAGNESIUM	3,270	5.3		10,100	5.1		13,500	4.0		11,200	3.8		10,100	4.7		3,750	4.4		9,300	3.4		11,000	6.7	
MANGANESE	913 I	0.19		200	0.18		283	0.15		533	0.14		701	0.17		1,170 I	0.16	J	666	0.13	J	798	0.25	
MERCURY	0.15	0.10		0.37 θT#	0.090		0.31 θT	0.10		0.58 θT#	0.020	J	ND	0.17	U	ND	0.070	U	0.050	0.020	U	0.35 θT	0.10	
MOLYBDENUM	ND	1.4	U	0.97	0.28		0.60	0.22		0.77	0.21		ND	0.26	U	ND	0.24	U	ND	0.15	U	ND	0.37	U
NICKEL	72.9 #θ	1.1		66.5 #θ	1.0	J	77.5 #θ	0.80	J	78.1 #θ	0.77	J	89.7 #θ	0.94	J	68.5 #θ	0.88	J	71.7 #θ	0.69	J	87.7 #θ	1.4	J
POTASSIUM	3,520	9.0	J	4,250	8.6	J	5,940	6.8	J	6,390	6.5	J	3,180	7.9	J	2,150	7.4	J	2,030	5.8	J	3,920	11.4	J
SELENIUM	ND	1.1	U	ND	1.0	UJ	ND	0.83	UJ	ND	0.80	U	ND	0.97	U	ND	0.91	U	ND	0.71	U	ND	1.4	U
SILVER	ND	0.19	U	ND	0.41	U	ND	0.15	U	ND	0.14	U	ND	0.17	U	ND	0.16	U	ND	0.12	U	ND	0.30	U
SODIUM	2,110	41.3		5,260	39.4	J	3,500	31.1	J	3,950	30.0	J	4,200	36.4	J	ND	630	U	ND	122	U	1,450	52.5	

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB009			RADSB010			RADSB011			RADSB012			RADSB013			RADSB014			RADSB015			RADSB016		
Sample ID	281RADSS042			281RADSS120			281RADSS119			281RADSS014			281RADSS015			281RADSS147			281RADSS148			281RADSS024		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/23/95			08/23/95			07/27/95			07/27/95			08/28/95			08/28/95			09/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	0.66	0.65		ND	0.62	U	ND	0.49	UJ	ND	0.47	U	ND	0.57	U	0.93	0.53		ND	0.42	U	ND	0.82	UJ
VANADIUM	73.1	0.19		78.7	0.18		91.2 Γ	0.15		88.6 Γ	0.14		94.7 Γ	0.27		46.4	0.16		59.4	0.13		85.7	0.25	
ZINC	371 σΓ*	0.10		101	0.090		120	0.070		219 σΓ*	0.070		424 σΓ*	0.090		68.7	0.080		78.2	0.060		172 σ*	0.12	J
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			ND	50.0	UJ	NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/Kg)																								
SULFIDE	ND	15.0	UJ	ND	14.8	UJ	ND	13.6	UJ	ND	12.7	U	261	1.0		ND	13.2	U	ND	10.5	U	NA		
TOTAL ORGANIC CARBON	163,000	100	J	25,600	100		43,000	100		23,400	100		13,900	100		3,950	100		47,300	100		NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	34.0			34.3			30.0			23.8			29.6			27.0			7.0			NA		
Miscellaneous																								
PH	6.4			4.5			5.3			6.9			7.5			8.1			6.5			6.4		

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

ϕ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB017			RADSB018			RADSB019			RADSB020			RADSB021			RADSB022			RADSB023			RADSB024		
Sample ID	281RADSS034			281RADSS049			281RADSS055			281RADSS096			281RADSS115			281RADSS114			281RADSS127			281RADSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/04/95			08/04/95			08/21/95			08/22/95			08/22/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
ACETONE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
STYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 231, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB017			RADSB018			RADSB019			RADSB020			RADSB021			RADSB022			RADSB023			RADSB024		
Sample ID	281RADSS034			281RADSS049			281RADSS055			281RADSS096			281RADSS115			281RADSS114			281RADSS127			281RADSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/04/95			08/04/95			08/21/95			08/22/95			08/22/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/kg)																								
1,1'-BIPHENYL	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
1-METHYLPHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

^ = Detected concentrations greater than the ambient metals concentrations in soils.

~ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CCOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB017			RADSB018			RADSB019			RADSB020			RADSB021			RADSB022			RADSB023			RADSB024		
Sample ID	281RADSS034			281RADSS049			281RADSS055			281RADSS096			281RADSS113			281RADSS114			281RADSS127			281RADSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/04/95			08/04/95			08/21/95			08/22/95			08/22/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg):																								
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(E)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZOIC ACID	NA			NA			NA			NA			NA			NA			NA			NA		
BENZYL ALCOHOL	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLORCETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLORCETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PETHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOTHIOPHENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

† = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB017			RADSB018			RADSB019			RADSB020			RADSB021			RADSB022			RADSB023			RADSB024		
Sample ID	281RADSS034			281RADSS049			281RADSS055			281RADSS096			281RADSS115			281RADSS114			281RADSS127			281RADSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/04/95			08/04/95			08/21/95			08/22/95			08/22/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB017			RADSB018			RADSB019			RADSB020			RADSB021			RADSB022			RADSB023			RADSB024		
Sample ID	281RADSS034			281RADSS049			281RADSS055			281RADSS096			281RADSS115			281RADSS114			281RADSS127			281RADSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/04/95			08/04/95			08/21/95			08/22/95			08/22/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB017			RADSB018			RADSB019			RADSB020			RADSB021			RADSB022			RADSB023			RADSB024		
Sample ID	281RADSS034			281RADSS049			281RADSS055			281RADSS095			281RADSS115			281RADSS114			281RADSS127			281RADSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/04/95			08/04/95			08/21/95			08/22/95			08/22/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
2,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
MIREX	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-101 (2,2',3,5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-105 (2,3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-118 (2,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-126 (3,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-128 (2,2',3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-138 (2,2',3,4,4',5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-153 (2,2',4,4',5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-170 (2,2',3,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-18 (2,2',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-180 (2,2',3,4,4',5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-187 (2,2',3,4',5,5',6)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-206 (2,2,',3,3',4,4',5,5',	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-28 (2,4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-44 (2,2',3,5')	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB017			RADSB018			RADSB019			RADSB020			RADSB021			RADSB022			RADSB023			RADSB024		
Sample ID	281RADSS034			281RADSS049			281RADSS065			281RADSS096			281RADSS115			281RADSS114			281RADSS127			281RADSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/04/95			08/04/95			08/21/95			08/22/95			08/22/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/Kg)																								
PCB-52 (2,2',5,5') PCB-66 (2,3',4,4') PCB-77 (3,3',4,4') PCB-8 (2,4')	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA		
TRANS-NONACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
Pesticides/PCBs (in ug/Kg)																								
4,4'-DDD 4,4'-DDE 4,4'-DDT ALDRIN	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA		
ALPHA-BHC ALPHA-CHLORDANE AROCLOR-1016 AROCLOR-1221	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA		
AROCLOR-1232 AROCLOR-1242 AROCLOR-1248 AROCLOR-1254	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA		
AROCLOR-1260 BETA-BHC DELTA-BHC DIELDRIN	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA		
ENDOSULFAN I ENDOSULFAN II ENDOSULFAN SULFATE ENDRIN	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA		
ENDRIN ALDEHYDE ENDRIN KETONE GAMMA-BHC (LINDANE) GAMMA-CHLORDANE	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA		
HEPTACHLOR HEPTACHLOR EPOXIDE METHOXYCHLOR TOXAPHENE	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB017			RADSB018			RADSB019			RADSB020			RADSB021			RADSB022			RADSB023			RADSB024		
Sample ID	281RADSS034			281RADSS049			281RADSS055			281RADSS096			281RADSS115			281RADSS114			281RADSS127			281RADSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/04/95			08/04/95			08/21/95			08/22/95			08/22/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	13,600	3.4		18,400	4.8		17,600	3.7		15,400	5.5		22,200	4.4		26,000	4.0		26,100 T	4.8		4,420	9.6	
ANTIMONY	3.1 BT	0.44	J	0.73	0.61	J	ND	0.48	UJ	1.6	0.76	J	0.87	0.57	J	1.3 T	0.52	J	1.6	0.62	J	1.4	1.2	J
ARSENIC	16.1 *θ	0.59		6.9 *	0.82		9.8 *θ	0.64		8.6 *θ	1.0		10.0 *θ	0.75		18.5 *θ	0.69		9.6 *θ	0.83		20.9 *θ	1.7	
BARIUM	290	0.060	J	140	0.090		112	0.070		46.3	0.11		139	0.080		64.9	0.070		101	0.090		365 T	0.18	
BERYLLIUM	ND	0.020	U	ND	0.21	U	ND	0.12	U	ND	0.12	U	0.37 *Γ	0.030		0.41 *Γ	0.020		ND	0.030	U	ND	0.060	U
CADMIUM	ND	0.040	U	ND	0.060	U	ND	0.050	U	ND	0.070	U	ND	0.050	U	ND	0.050	U	ND	0.050	U	ND	0.12	U
CALCIUM	12,800	3.0		2,500	4.2		3,460	3.3		6,290	5.2		2,880	3.9		2,550	3.6		3,600	4.2		8,660	8.5	
CHROMIUM	41.7	0.38		53.4	0.53		49.7	0.41		49.2	0.65		60.3	0.49		74.6	0.45		85.9 θΓ	0.53		ND	20.4	U
COBALT	18.2	0.10		13.8	0.15		13.8	0.11		16.2	0.18		22.2	0.14		13.5	0.12		13.2	0.15		31.2 Γ	0.30	
COPPER	85.5 θΓ	0.17		36.3 θ	0.23		34.2 θ	0.18		60.3 θΓ	0.29		40.6 θ	0.22		69.7 θΓ	0.20		34.9 θ	0.24		77.0	0.47	
IRON	50,200	3.3		24,200	4.6		24,500	3.6		19,900	5.7		32,100	4.3		28,500	3.9		41,700	4.6		61,400	9.3	
LEAD	127 θΓσ	0.31		42.0	0.44		68.0 θΓσ	0.34		300 *θΓσ	0.54	J	54.6 θσ	0.41	J	53.4 θσ	0.37	J	16.9	0.44	J	56.0 θσ	0.89	J
MAGNESIUM	10,300	3.4		9,770	4.8		10,500	3.7		12,300	5.9		12,500	4.5		9,120	4.1		13,400	4.8		27,400	9.7	
MANGANESE	838	0.13		128	0.18		425	0.14		470	0.22		553	0.16		309	0.15		303	0.18		826	0.36	
MERCURY	0.14	0.10		0.080	0.080		0.14	0.10		0.47 θΓσ	0.10		0.29 θΓ	0.030		0.41 θΓσ	0.020		ND	0.070	U	ND	0.15	J
MOLYBDENUM	ND	2.1	U	0.42	0.26		ND	0.20	U	ND	1.4	U	ND	0.24	U	1.4	0.22		ND	0.27	U	ND	2.7	U
NICKEL	51.1 #θ	0.69		61.9 #θ	0.96		65.8 #θ	0.75		101 #θ	1.2		84.3 #θ	0.90		69.3 #θ	0.82		65.2 #θ	0.97		95.5 #θ	2.0	
POTASSIUM	3,020	5.8	J	4,730	8.1	J	4,320	6.3	J	5,460	10.1	J	7,060	7.6	J	4,730	6.9	J	4,320	8.2	J	10,600	16.4	J
SELENIUM	ND	0.71	U	ND	1.0	U	ND	0.77	U	ND	1.2	U	ND	0.93	U	ND	0.84	U	ND	1.0	U	ND	2.0	U
SILVER	ND	0.24	U	ND	0.18	U	ND	0.14	U	0.51 Γ	0.22		ND	0.16	U	ND	0.15	U	ND	0.18	U	ND	0.36	U
SODIUM	1,240	26.8		5,560	37.4		3,030	29.0		30,300	46.3	J	14,400	34.8	J	7,050	31.7	J	8,520	37.7	J	117,000	75.7	J

Notes: Detected concentrations are shaded.

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* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 233, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB017			RADSB018			RADSB019			RADSB020			RADSB021			RADSB022			RADSB023			RADSB024		
Sample ID	281RADSS034			281RADSS049			281RADSS055			281RADSS096			281RADSS115			281RADSS114			281RADSS127			281RADSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/04/95			08/04/95			08/21/95			08/22/95			08/22/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.42	UJ	ND	0.58	U	ND	0.45	U	ND	0.72	J	ND	0.64	U	ND	0.50	U	ND	0.59	U	ND	1.2	U
VANADIUM	54.0	0.13		59.1	0.18		54.8	0.14		51.2	0.22		85.4	0.16		89.1 Γ	0.15		76.4	0.18		41.1	0.36	
ZINC	959 #θΓσ	0.060	J	178 θσ	0.090		136	0.070		166 θσ	0.11		213 #Γσ	0.080		108	0.070		94.0	0.090		132	0.18	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/Kg)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	7.2			6.5			6.4			5.3			5.8			5.5			4.4			3.3		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB025			RADSB026			RADSB027			RADSB028			RADSB029			RADSB030			RADSBA01			RADSBA02		
Sample ID	281RADSS134			281RADSS136			281RADSSC07			281RADSS084			281RADSS109			281RADSS151			281RADSSC21			281RADSS022		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			07/27/95			08/23/95			08/22/95			08/28/95			08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLORCETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLORCETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLORCETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLORCETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
ACETONE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
STYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

† = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from SDGs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB025			RADSB025			RADSB027			RADSB028			RADSB029			RADSB030			RADSBA01			RADSBA02		
Sample ID	281RADSS134			281RADSS136			281RADSS037			281RADSS084			281RADSS109			281RADSS151			281RADSS021			281RADSS022		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			07/27/95			08/23/95			08/22/95			08/28/95			08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
1-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
1-METHYLPHENANTHRENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	370	U	NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			ND	370	U	NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2,5-DIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			ND	370	U	NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			ND	370	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	370	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			ND	370	U	NA		
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			ND	370	U	NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB025			RADSB026			RADSB027			RADSB028			RADSB029			RADSB030			RADSBA01			RADSBA02		
Sample ID	281RADSS134			281RADSS136			281RADSS007			281RADSS084			281RADSS109			281RADSS151			281RADSS021			281RADSS022		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			07/27/95			08/23/95			08/22/95			08/28/95			08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
ACENAPHTEYLENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			ND	150	J	NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			ND	150	J	NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
BENZO(E)PYRENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
BENZO(G,E,I)PERYLENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
BENZOIC ACID	NA			NA			NA			NA			NA			NA			110	370	J	NA		
BENZYL ALCOHOL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
DIBENZ(A,E)ANTHRACENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
DIBENZOTHIOPHENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
DIETHYLPETHALATE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
DIMETHYLPETHALATE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			ND	150	J	NA		
FLUORENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			ND	150	UJ	NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 282, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB025			RADSB026			RADSB027			RADSB028			RADSB029			RADSB030			RADSBA01			RADSBA02		
Sample ID	281RADSS134			281RADSS136			281RADSS007			281RADSS084			281RADSS109			281RADSS151			281RADSS021			281RADSS022		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			07/27/95			08/23/95			08/22/95			08/28/95			08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	370	U	NA		
PERYLENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
PHENANTHRENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
PHENOL	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
PYRENE	NA			NA			NA			NA			NA			NA			ND	150	U	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB025			RADSB026			RADSB027			RADSB028			RADSB029			RADSB030			RADSBA01			RADSBA02		
Sample ID	281RADSS134			281RADSS136			281RADSS007			281RADSS084			281RADSS109			281RADSS151			281RADSS021			281RADSS022		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			07/27/95			08/23/95			08/22/95			08/28/95			08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,E)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB025			RADSB026			RADSB027			RADSB028			RADSB029			RADSB030			RADSBA01			RADSBA02		
Sample ID	281RADSS134			281RADSS136			281RADSS007			281RADSS084			281RADSS109			281RADSS151			281RADSS021			281RADSS022		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			07/27/95			08/22/95			08/22/95			08/28/95			08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			NA			NA			NA			NA			0.5	0.2	J	NA		
2,4'-DDE	NA			NA			NA			NA			NA			NA			ND	0.2	J	NA		
2,4'-DDT	NA			NA			NA			NA			NA			NA			ND	0.2	J	NA		
4,4'-DDD	NA			NA			NA			NA			NA			NA			2	0.2		NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			4	0.2		NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
ALDRIN	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
MIREX	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-101 (2,2',3,5,5')	NA			NA			NA			NA			NA			NA			0.2	0.2	J	NA		
PCB-105 (2,3,3',4,4')	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-118 (2,3',4,4',5)	NA			NA			NA			NA			NA			NA			0.2	0.2		NA		
PCB-126 (3,3',4,4',5)	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-128 (2,2',3,3',4,4')	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-138 (2,2',3,4,4',5')	NA			NA			NA			NA			NA			NA			0.3	0.2		NA		
PCB-153 (2,2',4,4',5,5')	NA			NA			NA			NA			NA			NA			0.3	0.2		NA		
PCB-170 (2,2',3,3',4,4',5)	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-18 (2,2',5)	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-180 (2,2',3,4,4',5,5')	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-187 (2,2',3,4',5,5',6)	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-206 (2,2,',3,3',4,4',5,5',	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-28 (2,4,4')	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-44 (2,2',3,5')	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		

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Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB025			RADSB026			RADSB027			RADSB028			RADSB029			RADSB030			RADSBA01			RADSBA02		
Sample ID	281RADSS134			281RADSS136			281RADSS007			281RADSS084			281RADSS109			281RADSS151			281RADSS021			281RADSS022		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			07/27/95			08/23/95			08/22/95			08/28/95			08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/Kg)																								
PCB-52 (2,2',5,5')	NA			NA			NA			NA			NA			NA			0.2	0.2	J	NA		
PCB-66 (2,3',4,4')	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-77 (3,3',4,4')	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
PCB-8 (2,4')	NA			NA			NA			NA			NA			NA			0.4	0.2		NA		
TRANS-NONACHLOR	NA			NA			NA			NA			NA			NA			ND	0.2	U	NA		
Pesticides/PCBs (in ug/kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			NA		
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA			NA		

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSB025			RADSB026			RADSB027			RADSB028			RADSB029			RADSB030			RADSBA01			RADSBA02		
Sample ID	281RADSS134			281RADSS136			281RADSS007			281RADSS084			281RADSS109			281RADSS151			281RADSS021			281RADSS022		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			07/27/95			08/23/95			08/22/95			08/28/95			08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in ug/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	12,500	3.8		12,300	3.6		14,300	3.5		18,600	4.0		21,000	5.6		14,500	3.4		22,200	7.4		25,800	9.8	
ANTIMONY	0.63	0.50	J	3.4	0.47	J	0.64	0.46	J	ND	1.0	U	2.1 #T	0.72	J	0.77	0.44	J	1.1	0.96	J	ND	2.7	U
ARSENIC	5.5 *	0.66		7.0 *	0.63		7.9 *	0.61		11.6 *#	0.68		17.4 *#	0.95		19.5 *#	0.59		17.4 *#	1.3		15.6 *#	1.7	
BARIUM	111	0.070		124	0.070		174	0.070		89.2	0.070		52.5	0.10		184	0.060		90.8	0.14		196	0.18	J
BERYLLIUM	0.57 *T	0.020		0.11	0.020		ND	0.080	J	ND	0.030	U	0.34 *T	0.030		ND	0.020	U	ND	0.050	U	ND	0.090	U
CADMIUM	ND	0.050	U	ND	0.040	U	ND	0.040	U	ND	0.050	U	ND	0.070	J	ND	0.040	U	ND	0.090	U	ND	0.12	U
CALCIUM	1,870	3.4		1,690	3.2		11,100	3.1		4,730	3.5		5,370	4.9		15,800	3.0		3,744	6.6		4,100	8.7	
CHROMIUM	32.6	0.43		38.3	0.40		29.4	0.39		65.2	0.44	J	58.3	0.62		37.4	0.38		72.6	0.82		81.7 #T	1.1	
COBALT	7.3	0.12		16.5	0.11		18.9	0.11		25.8 T	0.12		9.2	0.17		14.6	0.11		20.0	0.23		19.3	0.30	
COPPER	29.1	0.19		28.6	0.18		28.6	0.17		31.3	0.19	J	75.2 #T	0.27		37.7 #	0.17		55.5 #	0.36		61.9 #T	0.48	
IRON	12,800	3.7		17,900	3.5		22,500	3.4		31,000	3.8		22,900	5.3		28,500	3.3		36,500	7.2		38,700	9.5	
LEAD	44.5	0.35		19.8	0.33		8.7	0.33		55.4 #*	0.36		70.1 #T*	0.51	J	23.0	0.32		128 #T*	0.68	J	182 #T*	0.91	
MAGNESIUM	6,600	3.9		11,000	3.7		8,620	3.6		12,200	4.0		10,600	5.6		8,700	3.5		10,900	7.5		12,600	9.9	
MANGANESE	161	0.14		355	0.13		525	0.13		478	0.15		251	0.20		590	0.13	J	344	0.27		402	0.36	
MERCURY	0.15	0.020		0.090	0.020		ND	0.090	U	0.11	0.10		0.22 #	0.030		0.13	0.020		0.36 #T*	0.10		0.34 #T*	0.10	
MOLYBDENUM	1.5	0.21	J	ND	0.20	UJ	ND	0.20	U	ND	0.22	U	3.3	0.31		ND	0.19	J	ND	1.1	J	ND	0.54	U
NICKEL	50.5 #	0.78		124 #T	0.74		55.4 #*	0.72		107 #*	0.80		78.2 #*	1.1		66.7 #*	0.69		78.3 #*	1.5		80.7 #*	2.0	
POTASSIUM	4,960	6.6	J	6,800	6.2	J	2,590	6.0	J	4,020	6.8	J	4,490	9.5	J	3,210	5.9	J	4,150	12.7	J	4,570	16.8	J
SELENIUM	ND	0.80	U	ND	0.76	U	ND	0.74	U	ND	0.93	U	1.3 #T*	1.2		ND	0.72	U	ND	1.5	U	ND	2.1	U
SILVER	ND	0.14	U	ND	0.13	U	ND	0.13	U	ND	0.15	U	0.26 T	0.20		ND	0.13	U	ND	0.27	U	ND	0.36	U
SODIUM	19,000	30.2		22,500	28.5		883	27.8	J	9,710	31.1	J	20,500	43.6	J	ND	787	U	2,780	58.3		3,320	77.3	

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Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			07/27/95			08/23/95			08/22/95			08/28/95			08/02/95			08/02/95		
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	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.47	U	ND	0.45	U	ND	0.43	U	ND	0.49	U	ND	0.68	J	ND	0.42	U	ND	0.91	U	ND	1.2	UJ
VANADIUM	89.3	0.14		52.1	0.13		54.4	0.13		58.2	0.15		71.8	0.20		69.0	0.13		77.3	0.27		82.9	0.36	
ZINC	54.9	0.070		105	0.070		62.5	0.070		93.9	0.070		215	0.10		84.9	0.060		241 θΓσ	0.14		228 θΓσ	0.18	J
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			NA			NA			NA			NA			NA			375	1.0	J	NA		
TOTAL ORGANIC CARBON	NA			NA			NA			NA			NA			NA			11,200	100		NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			NA			NA			NA			NA			NA			55.9	1.0		NA		
Miscellaneous																								
PH	4.5			6.2			9.7			4.7			4.8			8.5			8.2			7.2		

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBA03			RADSBA04			RADSBA05			RADSBA06			RADSBA07			RADSBA08			RADSBB01			RADSBB02		
Sample ID	281RADSS023			281RADSS032			281RADSS031			281RADSS030			281RADSS029			281RADSS028			281RADSS149			281RADSS150		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/28/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
ACETONE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
STYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

ψ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBA03			RADSBA04			RADSBA05			RADSBA06			RADSBA07			RADSBA08			RADSBB01			RADSBB02		
Sample ID	281RADSS023			281RADSS032			281RADSS031			281RADSS030			281RADSS029			281RADSS028			281RADSS149			281RADSS150		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/28/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
1,2,4-TRICHLOROBENZENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
1,2-DICHLOROBENZENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
1,3-DICHLOROBENZENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
1,4-DICHLOROBENZENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
1-METHYLNAPHTHALENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
1-METHYLPHENANTHRENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2,4,5-TRICHLOROPHENOL	NA			ND	1,800	U	ND	900	U	NA			ND	500	U	NA			ND	91	U	NA		
2,4,6-TRICHLOROPHENOL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2,4-DICHLOROPHENOL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2,4-DIMETHYLPHENOL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2,4-DINITROPHENOL	NA			ND	1,800	U	ND	900	U	NA			ND	500	U	NA			ND	91	U	NA		
2,4-DINITROTOLUENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2,6-DIMETHYLNAPHTHALENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2,6-DINITROTOLUENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2-CHLORONAPHTHALENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2-CHLOROPHENOL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2-METHYLNAPHTHALENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2-METHYLPHENOL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
2-NITROANILINE	NA			ND	1,800	U	ND	900	U	NA			ND	500	U	NA			ND	91	U	NA		
2-NITROPHENOL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
3,3'-DICHLOROBENZIDINE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
3-NITROANILINE	NA			ND	1,800	U	ND	900	U	NA			ND	500	U	NA			ND	91	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			ND	1,800	U	ND	900	U	NA			ND	500	U	NA			ND	91	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
4-CHLOROANILINE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
4-CHLOROPHENYL-PHENYLETHER	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
4-METHYLPHENOL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
4-NITROANILINE	NA			ND	1,800	U	ND	900	U	NA			ND	500	U	NA			ND	91	U	NA		
4-NITROPHENOL	NA			ND	1,800	U	ND	900	U	NA			ND	500	U	NA			ND	91	U	NA		
ACENAPHTHENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 933

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSEA03			RADSBA04			RADSBA05			RADSBA06			RADSBA07			RADSBA08			RADSBB01			RADSBB02		
Sample ID	281RADSS023			281RADSS032			281RADSS031			281RADSS030			281RADSS029			281RADSS028			281RADSS149			281RADSS150		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/28/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
ACENAPHTHYLENE	KA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
ANTHRACENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
BENZO(A)ANTHRACENE	NA			75	720	J	ND	360	U	NA			22	200	J	NA			ND	36	U	NA		
BENZO(A)PYRENE	NA			80 *	720	J	ND	360	U	NA			38	200	J	NA			ND	36	U	NA		
BENZO(B)FLUORANTHENE	NA			83	720	J	ND	360	U	NA			35	200	J	NA			ND	36	U	NA		
BENZO(E)PYRENE	NA			ND	720	U	ND	360	U	NA			29	200	J	NA			ND	36	U	NA		
BENZO(G,H,I)PERYLENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
BENZO(K)FLUORANTHENE	NA			72	720	J	ND	360	U	NA			24	200	J	NA			ND	36	U	NA		
BENZOIC ACID	NA			ND	1,800	U	270	900	J	NA			250	500	J	NA			ND	91	U	NA		
BENZYL ALCOHOL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
BUTYLBENZYLPHTHALATE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
CARBAZOLE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
CHRYSENE	NA			86	720	J	ND	360	U	NA			39	200	J	NA			ND	36	U	NA		
DI-N-BUTYLPHTHALATE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
DI-N-OCTYLPHTHALATE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
DIBENZ(A,H)ANTHRACENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
DIBENZOFURAN	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
DIBENZOTHIOPHENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
DIETHYLPHTHALATE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
DIMETHYLPHTHALATE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
FLUORANTHENE	NA			170	720	J	ND	360	U	NA			45	200	J	NA			ND	36	U	NA		
FLUORENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
HEXACHLOROBENZENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
HEXACHLOROBUTADIENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			ND	720	UJ	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
HEXACHLOROETHANE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
INDENO(1,2,3-CD)PYRENE	NA			76	720	J	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
ISOPHORONE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
NAPHTHALENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

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9 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

= Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBA03			RADSBA04			RADSBA05			RADSBA06			RADSBA07			RADSBA08			RADSBB01			RADSBB02		
Sample ID	281RADSS023			281RADSS032			281RADSS031			281RADSS030			281RADSS029			281RADSS028			281RADSS149			281RADSS150		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/28/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
PENTACHLOROPHENOL	NA			ND	1,800	U	ND	900	U	NA			ND	500	U	NA			ND	91	U	NA		
PERYLENE	NA			110	720	J	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
PHENANTHRENE	NA			ND	720	U	ND	360	U	NA			25	200	J	NA			ND	36	U	NA		
PHENOL	NA			ND	720	U	ND	360	U	NA			ND	200	U	NA			ND	36	U	NA		
PYRENE	NA			150	720	J	ND	360	U	NA			55	200	J	NA			ND	36	U	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

∂ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBA03			RADSBA04			RADSBA05			RADSBA06			RADSBA07			RADSBA08			RADSBB01			RADSBB02		
Sample ID	281RADSS023			281RADSS032			281RADSS031			281RADSS030			281RADSS029			281RADSS026			281RADSS149			281RADSS150		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/28/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (EWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBA03			RADSBA04			RADSBA05			RADSBA06			RADSBA07			RADSBA08			RADSBB01			RADSBB02		
Sample ID	281RADSS023			281RADSS032			281RADSS031			281RADSS030			281RADSS029			281RADSS028			281RADSS149			281RADSS150		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/28/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/Kg)																								
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in ug/Kg)																								
2,4'-DDD	NA			0.7	0.4		4.3	0.2		NA			1	0.3		NA			ND	0.1	U	NA		
2,4'-DDE	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
2,4'-DDT	NA			ND	0.4	U	0.4	0.2		NA			ND	0.3	U	NA			ND	0.1	U	NA		
4,4'-DDD	NA			ND	0.4	U	0.6	0.2		NA			1	0.3		NA			ND	0.1	U	NA		
4,4'-DDE	NA			1	0.4		1	0.2		NA			3.9	0.3		NA			0.4	0.1		NA		
4,4'-DDT	NA			ND	0.4	U	1	0.2		NA			0.7	0.3		NA			0.3	0.1		NA		
ALDRIN	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
ALPHA-CHLORDANE	NA			ND	0.4	U	0.6 θ	0.2		NA			1.9	0.3		NA			ND	0.1	U	NA		
DIELDRIN	NA			ND	0.4	U	0.5 a	0.2		NA			0.6 θ	0.3		NA			ND	0.1	U	NA		
GAMMA-BHC (LINDANE)	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
HEPTACHLOR	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
HEPTACHLOR EPOXIDE	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
HEXACHLOROBENZENE	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
MIREX	NA			ND	0.4	U	0.09	0.2	J	NA			0.3	0.3	J	NA			ND	0.1	U	NA		
PCB-101 (2,2',3,5,5')	NA			ND	0.4	U	0.4	0.2	J	NA			1	0.3		NA			ND	0.1	U	NA		
PCB-105 (2,3,3',4,4')	NA			ND	0.4	U	ND	0.2	U	NA			0.7	0.3		NA			ND	0.1	U	NA		
PCB-118 (2,3',4,4',5)	NA			ND	0.4	U	0.2	0.2		NA			1	0.3		NA			ND	0.1	U	NA		
PCB-126 (3,3',4,4',5)	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
PCB-128 (2,2',3,3',4,4')	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
PCB-138 (2,2',3,4,4',5')	NA			0.3	0.4	J	0.3	0.2		NA			2	0.3		NA			ND	0.1	U	NA		
PCB-153 (2,2',4,4',5,5')	NA			ND	0.4	U	0.4	0.2	J	NA			1	0.3		NA			ND	0.1	U	NA		
PCB-170 (2,2',3,3',4,4',5)	NA			ND	0.4	U	ND	0.2	U	NA			0.4	0.3		NA			ND	0.1	U	NA		
PCB-18 (2,2',5)	NA			ND	0.4	U	0.3	0.2		NA			0.2	0.3	J	NA			ND	0.1	U	NA		
PCB-180 (2,2',3,4,4',5,5')	NA			ND	0.4	U	ND	0.2	U	NA			0.9	0.3		NA			ND	0.1	U	NA		
PCB-187 (2,2',3,4',5,5',6)	NA			ND	0.4	U	ND	0.2	U	NA			0.5	0.3		NA			ND	0.1	U	NA		
PCB-195 (2,2',3,3',4,4',5,6)	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
PCB-206 (2,2',3,3',4,4',5,5',	NA			ND	0.4	U	ND	0.2	U	NA			0.2	0.3	J	NA			ND	0.1	U	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
PCB-28 (2,4,4')	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
PCB-44 (2,2',3,5')	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND: U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

ø = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & C33

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBAC3			RADSBAC4			RADSBAC5			RADSBA06			RADSBA07			RADSBA08			RADSBB01			RADSBB02		
Sample ID	281RADSS023			281RADSS032			281RADSS031			281RADSS030			281RADSS029			281RADSS028			281RADSS149			281RADSS150		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/28/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	NA			1	0.4		ND	0.2	U	NA			0.4	0.3		NA			ND	0.1	U	NA		
PCB-66 (2,3',4,4')	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
PCB-77 (3,3',4,4')	NA			ND	0.4	U	ND	0.2	U	NA			ND	0.3	U	NA			ND	0.1	U	NA		
PCB-8 (2,4')	NA			ND	0.4	U	ND	0.2	U	NA			0.8	0.3		NA			ND	0.1	U	NA		
TRANS-NONACHLOR	NA			ND	0.4	U	0.4	0.2		NA			1	0.3		NA								
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			NA		
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBA03			RADSBA04			RADSBA05			RADSBA06			RADSBA07			RADSBA08			RADSBB01			RADSBB02		
Sample ID	281RADSS023			281RADSS032			281RADSS031			281RADSS030			281RADSS029			281RADSSC28			281RADSS149			281RADSS150		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/28/95			08/26/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	23,500	10.5		27,400 Γ	15.4		22,400	7.7		13,500	12.4		23,100	7.7		11,900	3.6		13,900	3.4		11,700	3.7	
ANTIMONY	3.1 θΓ	1.4	J	ND	2.0	UJ	ND	2.4	U	ND	1.6	UJ	7.1 θΓ	0.99	J	ND	1.1	U	1.1	0.44	J	0.78	0.47	J
ARSENIC	15.7 #θ	1.8		9.1 #θ	2.6		14.6 #θ	1.3		12.5 #θ	2.1		47.2 #θΓσ	1.3		5.0 #θ	0.62	U	5.2 #	0.58		3.9 #	0.63	
BARIUM	91.2	0.19	J	75.0	0.28	J	57.3	0.14	J	92.9	0.23	J	77.1	0.14	J	499 Γ	0.070	J	180	0.066		277	0.070	
BERYLLIUM	ND	0.060	U	ND	0.090	U	ND	0.050	U	ND	0.080	U	ND	0.050	U	0.21 #Γ	0.020	U	ND	0.090	U	0.18 #Γ	0.020	U
CADMIUM	0.68 Γ	0.13		ND	0.19	U	ND	0.090	U	ND	0.15	U	ND	0.090	U	ND	0.040	U	ND	0.040	U	ND	0.040	U
CALCIUM	4,190	9.5		5,980	13.6		7,210	6.8		2,500	11.0		3,240	6.8		6,650	3.2		22,600	3.0		14,600	3.2	
CHROMIUM	81.2 θΓ	1.2		82.0 θΓ	1.7		78.9	0.85		46.3	1.4		319 #θΓσ	0.85		29.6	0.40		32.2	0.37		20.4	0.40	
COBALT	27.0 Γ	0.32		22.3	0.47		13.6	0.23		7.2	0.38		20.3	0.24		11.8	0.11		11.1	0.10		5.2	0.11	
COPPER	98.0 θΓσ	0.52		72.8 θΓ	0.75		47.4 θ	0.38		46.6 θ	0.61		272 θθΓσ	0.38		84.4 θΓ	0.18		23.7	0.17		20.2	0.18	
IRON	41,100	10.1		42,200	14.8		27,400	7.4		38,300	12.0		135,000	7.4		27,500	3.5		19,600	3.3		18,400	3.5	
LEAD	94.0 θΓσ	0.97		37.8	1.4		30.7	0.70		23.0	1.1		106 θΓσ	0.71		192 #θΓσ	0.33		26.7	0.31		38.8	0.34	
MAGNESIUM	13,100	10.5		15,300	15.5		11,800	7.7		6,520	12.5		9,780	7.7		7,240	3.7		7,450	3.4		6,190	3.7	
MANGANESE	513	0.39		463	0.57		417	0.28		144	0.46		401	0.28		59.0	0.13		498	0.12	J	365	0.13	J
MERCURY	0.37 θΓσ	0.10		0.92 θθΓσ	0.10		0.44 θΓσ	0.10		0.56 θΓσ	0.10		0.51 θΓσ	0.10		0.16	0.10		0.070	0.020	J	0.060	0.020	J
MOLYBDENUM	ND	1.3	U	ND	1.3	U	2.9	0.42		ND	0.75	U	33.7 Γ	0.42		ND	0.20	U	ND	0.19	U	ND	0.20	U
NICKEL	56.4 #θ	2.1		85.8 #θ	3.1		61.0 #θ	1.5		32.0 θ	2.5		140 #θΓ	1.6		41.1 θ	0.74		44.5 θ	0.69		29.4 θ	0.74	
POTASSIUM	4,830	17.9	J	4,070	26.2	J	4,290	13.1	J	2,390	21.2	J	3,760	13.1	J	1,870	6.2	J	2,670	5.8	J	1,910	5.2	J
SELENIUM	ND	2.2	U	ND	3.2	U	ND	1.5	U	ND	2.6	U	ND	1.6	U	ND	0.76	U	ND	0.71	U	ND	0.76	U
SILVER	ND	0.52	U	ND	0.57	U	ND	0.28	U	ND	0.56	U	ND	0.28	U	ND	0.13	U	ND	0.12	U	ND	0.13	U
SODIUM	8,630	82.5		4,620	128		3,440	60.0		3,730	97.6		6,770	60.2		629	28.5		ND	218	U	ND	430	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBA03			RADSBA04			RADSBA05			RADSBA06			RADSEA07			RADSEA08			RADSEB01			RADSEB02		
Sample ID	281RADSS023			281RADSS032			281RADSS031			281RADSS030			281RADSS029			281RADSS028			281RADSS149			281RADSS150		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/28/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/kg)																								
THALLIUM	ND	1.3	UJ	ND	1.9	UJ	ND	0.94	UJ	ND	1.5	UJ	ND	0.94	UJ	ND	0.45	UJ	ND	0.42	U	ND	0.45	U
VANADIUM	39.2 Γ	0.39	J	86.1 Γ	0.57	J	75.2	0.28	J	66.1	0.46	J	96.8 Γ	0.28	C	36.7	0.13	C	47.2	0.12		40.4	0.13	
ZINC	305 σΓθ	0.19		215 σΓθ	0.28		146	0.14		152 θ	0.23		496 σΓθ	0.14		201 σΓθ	0.070		79.2	0.060		52.5	0.070	
Hexavalent Chromium (in ug/kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			5,120	0.50		ND	21.7	U	NA			251	0.50		NA			ND	10.6	U	NA		
TOTAL ORGANIC CARBON	NA			37,200	100		53,000	100		NA			53,500	100		NA			ND	110	U	NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			77.0	1.0		54.0	1.0		NA			67.0	1.0		NA			9.0			NA		
Miscellaneous																								
PH	7.5			8			6.9			7			6.7			7.6			7.1			8.8		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB03			RADSBB04			RADSBB04			RADSBB04			RADSBB05			RADSBB06			RADSBB06			RADSBB07		
Sample ID	281RADSS033			281RADSS035			281RADSS036			281RADSS037			281RADSS038			281RADSS039			281RADSS040			281RADSS041		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.90 - 1.50			4.00 - 5.20			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	J	NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
1,1,2-TRICHLOROETHANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
1,1-DICHLOROETHANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
1,1-DICHLOROETHENE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
1,2-DICHLOROETHANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
1,2-DICHLOROPROPANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
2-BUTANONE	NA			NA			ND	24	U	ND	38	J	NA			NA			43	19	J	NA		
2-HEXANONE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
4-METHYL-2-PENTANONE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
ACETONE	NA			NA			ND	24	U	ND	300	U	NA			NA			ND	260	U	NA		
BENZENE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
BROMODICHLOROMETHANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
BROMOFORM	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
BROMOMETHANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
CARBON DISULFIDE	NA			NA			ND	24	U	160	38		NA			NA			ND	19	U	NA		
CARBON TETRACHLORIDE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
CHLOROBENZENE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
CHLOROETHANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
CHLOROFORM	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
CHLOROMETHANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
DIBROMOCHLOROMETHANE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
ETHYLBENZENE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
METHYLENE CHLORIDE	NA			NA			ND	24	U	ND	43	U	NA			NA			ND	19	U	NA		
STYRENE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
TETRACHLOROETHENE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
TOLUENE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
TRICHLOROETHENE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
VINYL CHLORIDE	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		
XYLENE (TOTAL)	NA			NA			ND	24	U	ND	38	U	NA			NA			ND	19	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

9 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB03			RADSBB04			RADSBB04			RADSBB04			RADSBB05			RADSBB06			RADSBB06			RADSBB07		
Sample ID	281RADSS033			281RADSS035			281RADSS036			281RADSS037			281RADSS038			281RADSS039			281RADSS040			281RADSS041		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.90 - 1.50			4.00 - 5.20			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
1,2,4-TRICHLOROBENZENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
1,2-DICHLOROBENZENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
1,3-DICHLOROBENZENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
1,4-DICHLOROBENZENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
1-METHYLNAPHTHALENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
1-METHYLPHENANTHRENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2,3,5-TRIMETHYLNAPHTHALENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2,4,5-TRICHLOROPHENOL	ND	180	U	ND	1,600	U	NA			NA			NA			ND	1,100	U	NA			ND	240	U
2,4,6-TRICHLOROPHENOL	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2,4-DICHLOROPHENOL	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2,4-DIMETHYLPHENOL	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2,4-DINITROPHENOL	ND	180	U	ND	1,600	U	NA			NA			NA			ND	1,100	U	NA			ND	240	U
2,4-DINITROTOLUENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2,6-DIMETHYLNAPHTHALENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2,6-DINITROTOLUENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2-CHLORONAPHTHALENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2-CHLOROPHENOL	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2-METHYLNAPHTHALENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2-METHYLPHENOL	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
2-NITROANILINE	ND	180	U	ND	1,600	U	NA			NA			NA			ND	1,100	U	NA			ND	240	U
2-NITROPHENOL	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
3,3'-DICHLOROBENZIDINE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
3-NITROANILINE	ND	180	U	ND	1,600	U	NA			NA			NA			ND	1,100	U	NA			ND	240	U
4,6-DINITRO-2-METHYLPHENOL	ND	180	U	ND	1,600	U	NA			NA			NA			ND	1,100	U	NA			ND	240	U
4-BROMOPHENYL-PHENYLETHER	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
4-CHLORO-3-METHYLPHENOL	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
4-CHLOROANILINE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
4-CHLOROPHENYL-PHENYLETHER	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
4-METHYLPHENOL	ND	70	U	280	630	J	NA			NA			NA			ND	420	U	NA			ND	96	U
4-NITROANILINE	ND	180	U	ND	1,600	U	NA			NA			NA			ND	1,100	U	NA			ND	240	U
4-NITROPHENOL	ND	180	U	ND	1,600	U	NA			NA			NA			ND	1,100	U	NA			ND	240	U
ACENAPHTHENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB03			RADSBB04			RADSB04			RADSBB04			RADSBB05			RADSBB06			RADSBB06			RADSBB07		
Sample ID	281RADSSC33			281RADSS035			281RADSS036			281RADSS037			281RADSS038			281RADSS039			281RADSS040			281RADSS041		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.90 - 1.50			4.00 - 5.20			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
ACENAPHTHYLENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
ANTHRACENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
BENZO(A)ANTHRACENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
BENZO(A)PYRENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			12	96	J
BENZO(B)FLUORANTHENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			15	96	J
BENZO(E)PYRENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			11	96	J
BENZO(G,H,I)PERYLENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			21	96	J
BENZO(K)FLUORANTHENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
BENZOIC ACID	18	180	J	280	1,600	J	NA			NA			NA			280	1,100	J	NA			ND	240	U
BENZYL ALCOHOL	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
BIS(2-CHLOROETHOXY)METHANE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
BIS(2-CHLOROETHYL)ETHER	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
BUTYLBENZYLPHTHALATE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
CARBAZOLE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
CHRYSENE	8	70	J	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
DI-N-BUTYLPHTHALATE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
DI-N-OCTYLPHTHALATE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
DIBENZ(A,H)ANTHRACENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
DIBENZOFURAN	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
DIBENZOTHIOPHENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
DIETHYLPETHALATE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
DIMETHYLPETHALATE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
FLUORANTHENE	16	70	J	ND	630	U	NA			NA			NA			47	420	J	NA			12	96	J
FLUORENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
HEXACHLOROBENZENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
HEXACHLOROBUTADIENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
HEXACHLOROCYCLOPENTADIENE	ND	70	UJ	ND	630	UJ	NA			NA			NA			ND	420	UJ	NA			ND	96	U
HEXACHLOROETHANE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
INDENO(1,2,3-CD)PYRENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			15	96	J
ISOPHORONE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
N-NITROSO-DI-N-PROPYLAMINE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
N-NITROSODIPHENYLAMINE (1)	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
NAPHTHALENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

ɣ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB03			RADSBB04			RADSBB04			RADSBB04			RADSBB05			RADSBB06			RADSBB06			RADSBB07		
Sample ID	281RADSS033			281RADSS035			281RADSS036			281RADSS037			281RADSS038			281RADSS039			281RADSS040			281RADSS041		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.90 - 1.50			4.00 - 5.20			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
PENTACHLOROPHENOL	ND	180	U	ND	1,600	U	NA			NA			NA			ND	1,100	U	NA			ND	240	U
PERYLENE	ND	70	U	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
PHENANTHRENE	8	70	J	ND	630	U	NA			NA			NA			ND	420	U	NA			ND	96	U
PHENOL	ND	70	U	ND	630	J	NA			NA			NA			ND	420	U	NA			15	96	J
PYRENE	8	70	J	ND	630	J	NA			NA			NA			44	420	J	NA					
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
1,2-DICHLOROBENZENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
1,3-DICHLOROBENZENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
1,4-DICHLOROBENZENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2,4,5-TRICHLOROPHENOL	NA			NA			ND	2,000	U	ND	3,200	U	NA			NA			ND	1,600	U	NA		
2,4,6-TRICHLOROPHENOL	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2,4-DICHLOROPHENOL	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2,4-DIMETHYLPHENOL	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2,4-DINITROPHENOL	NA			NA			ND	2,000	U	ND	3,200	U	NA			NA			ND	1,600	U	NA		
2,4-DINITROTOLUENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2,6-DINITROTOLUENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2-CHLORONAPHTHALENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2-CHLOROPHENOL	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2-METHYLNAPHTHALENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2-METHYLPHENOL	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
2-NITROANILINE	NA			NA			ND	2,000	U	ND	3,200	U	NA			NA			ND	1,600	U	NA		
2-NITROPHENOL	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
3,3'-DICHLOROBENZIDINE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
3-NITROANILINE	NA			NA			ND	2,000	U	ND	3,200	U	NA			NA			ND	1,600	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			ND	2,000	U	ND	3,200	U	NA			NA			ND	1,600	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
4-CHLOROANILINE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
4-METHYLPHENOL	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
4-NITROANILINE	NA			NA			ND	2,000	U	ND	3,200	U	NA			NA			ND	1,600	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB03			RADSBB04			RADSBB04			RADSBB04			RADSBB05			RADSBB06			RADSBB06			RADSBB07		
Sample ID	281RADSS033			281RADSS035			281RADSS036			281RADSS037			281RADSS038			281RADSS039			281RADSS040			281RADSS041		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.90 - 1.50			4.00 - 5.20			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			ND	2,000	U	ND	3,200	U	NA			NA			ND	1,600	U	NA		
ACENAPHTHENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
ACENAPHTHYLENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
ANTHRACENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
BENZO(A)ANTHRACENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
BENZO(A)PYRENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
BENZO(B)FLUORANTHENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
BENZO(G,H,I)PERYLENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
BENZO(K)FLUORANTHENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	J	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
BUTYLBENZYLPHTHALATE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
CARBAZOLE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
CHRYSENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
DI-N-BUTYLPHTHALATE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
DI-N-OCTYLPHTHALATE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
DIBENZOFURAN	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
DIETHYLPHTHALATE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
DIMETHYLPHTHALATE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
FLUORANTHENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
FLUORENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
HEXACHLOROBENZENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
HEXACHLOROBUTADIENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
HEXACHLOROETHANE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
ISOPHORONE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
NAPHTHALENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
NITROBENZENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
PENTACHLOROPHENOL	NA			NA			ND	2,000	U	ND	3,200	U	NA			NA			ND	1,600	J	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 285, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB03			RADSB304			RADSBB04			RADSBB04			RADSB305			RADSBB06			RADSBB06			RADSBB07		
Sample ID	281RADSS033			281RADSS035			281RADSS036			281RADSS037			281RADSS038			281RADSS039			281RADSS040			281RADSS041		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.90 - 1.50			4.00 - 5.20			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/kg)																								
PHENANTHRENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
PHENOL	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
PYRENE	NA			NA			ND	810	U	ND	1,300	U	NA			NA			ND	630	U	NA		
Low Level Pesticides/PCBs (in ug/kg)																								
2,4'-DDD	ND	0.1	J	0.2	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	J
2,4'-DDE	ND	0.1	U	ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	U
2,4'-DDT	0.2	0.1		ND	0.4		NA			NA			NA			ND	0.3	U	NA			ND	0.1	U
4,4'-DDD	ND	0.1	U	0.8	0.4		NA			NA			NA			0.5	0.3		NA			ND	0.1	U
4,4'-DDE	0.7	0.1		2	0.4		NA			NA			NA			2	0.3		NA			ND	0.1	UJ
4,4'-DDT	2.6	0.1		0.9	0.4		NA			NA			NA			ND	0.3	U	NA			0.4	0.1	
ALDRIN	ND	0.1	U	ND	0.4	U	NA			NA			NA			ND	0.3	J	NA			ND	0.1	U
ALPHA-CHLORDANE	0.2	0.1		0.8 θ	0.4		NA			NA			NA			0.7 θ	0.3		NA					
DIELDRIN	ND	0.1	U	ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	U
GAMMA-BHC (LINDANE)	ND	0.1	U	ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	U
HEPTACHLOR	ND	0.1	U	ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	U
HEPTACHLOR EPOXIDE	ND	0.1	U	ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			0.2	0.1	
HEXACHLOROBENZENE	0.4	0.1		ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	J
MIREX	0.05	0.1	J	ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	U
PCB-101 (2,2',3,5,5')	0.6	0.1		0.3	0.4		NA			NA			NA			0.5	0.3		NA			ND	0.1	U
PCB-105 (2,3,3',4,4')	0.2	0.1		ND	0.4	U	NA			NA			NA			0.4	0.3		NA			ND	0.1	U
PCB-116 (2,3',4,4',5)	0.1	0.1		0.7	0.4		NA			NA			NA			0.8	0.3		NA			ND	0.1	U
PCB-126 (3,3',4,4',5)	0.2	0.1		ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	U
PCB-128 (2,2',3,3',4,4')	ND	0.1	U	ND	0.4	U	NA			NA			NA			1	0.3		NA			ND	0.1	U
PCB-138 (2,2',3,4,4',5')	0.7	0.1		0.8	0.4		NA			NA			NA			1	0.3		NA			ND	0.1	U
PCB-153 (2,2',4,4',5,5')	0.09	0.1	J	0.6	0.4		NA			NA			NA			ND	0.3	U	NA			ND	0.1	U
PCB-170 (2,2',3,3',4,4',5)	ND	0.1	U	ND	0.4	U	NA			NA			NA			0.2	0.3	J	NA			ND	0.1	U
PCB-18 (2,2',5)	ND	0.1	U	ND	0.4	U	NA			NA			NA			0.6	0.3		NA					
PCB-180 (2,2',3,4,4',5,5')	0.1	0.1		0.3	0.4		NA			NA			NA			0.3	0.3		NA			ND	0.1	U
PCB-187 (2,2',3,4',5,5',6)	0.07	0.1	J	ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	UJ
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.1	U	ND	0.4	U	NA			NA			NA			0.1	0.3	J	NA			ND	0.1	UJ
PCB-206 (2,2,',3,3',4,4',5,5',	0.2	0.1		ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	U
PCB-209 (2,2',3,3',4,4',5,5',6	0.3	0.1		ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			0.3	0.1	
PCB-28 (2,4,4')	ND	0.1	U	ND	0.4	U	NA			NA			NA											
PCB-44 (2,2',3,5')	ND	0.1	U	ND	0.4	U	NA			NA			NA											

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB03			RADSBB04			RADSBB04			RADSBB04			RADSBB05			RADSBB06			RADSBB06			RADSBB07		
Sample ID	281RADSS033			281RADSS035			281RADSS036			281RADSS037			281RADSS038			281RADSSC39			281RADSSC40			281RADSS041		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.90 - 1.50			4.00 - 5.20			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	0.06	0.1	J	ND	0.4	U	NA			NA			NA			0.2	0.3	J	NA			ND	0.1	U
PCB-66 (2,3',4,4')	ND	0.1	U	ND	0.4	U	NA			NA			NA			ND	0.3	U	NA			ND	0.1	U
PCB-77 (3,3',4,4')	ND	0.1	U	ND	0.4	U	NA			NA			NA			0.2	0.3	J	NA			ND	0.1	U
PCB-8 (2,4')	0.3	0.1		0.7	0.4		NA			NA			NA			0.4	0.3		NA			ND	0.2	U
TRANS-NONACHLOR	0.2	0.1		1	0.4		NA			NA			NA			2	0.3		NA			ND	0.1	U
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			ND	8	U	ND	13	U	NA			NA			ND	6	U	NA		
4,4'-DDE	NA			NA			ND	8	U	ND	13	U	NA			NA			ND	6	U	NA		
4,4'-DDT	NA			NA			ND	8	U	ND	13	U	NA			NA			ND	6	U	NA		
ALDRIN	NA			NA			ND	4	U	ND	6	U	NA			NA			ND	3	U	NA		
ALPHA-BHC	NA			NA			ND	4	U	ND	6	U	NA			NA			ND	3	U	NA		
ALPHA-CHLORDANE	NA			NA			ND	4	U	ND	6	U	NA			NA			ND	3	U	NA		
AROCLOR-1016	NA			NA			ND	81	U	ND	130	U	NA			NA			ND	63	U	NA		
AROCLOR-1221	NA			NA			ND	160	U	ND	260	U	NA			NA			ND	130	U	NA		
AROCLOR-1232	NA			NA			ND	81	U	ND	130	U	NA			NA			ND	63	U	NA		
AROCLOR-1242	NA			NA			ND	81	U	ND	130	U	NA			NA			ND	63	U	NA		
AROCLOR-1248	NA			NA			ND	81	U	ND	130	U	NA			NA			ND	63	U	NA		
AROCLOR-1254	NA			NA			ND	81	U	ND	130	U	NA			NA			ND	63	U	NA		
AROCLOR-1260	NA			NA			ND	81	U	ND	130	U	NA			NA			ND	63	U	NA		
BETA-BHC	NA			NA			ND	4	U	ND	6	U	NA			NA			ND	3	U	NA		
DELTA-BHC	NA			NA			ND	4	U	ND	6	U	NA			NA			ND	3	U	NA		
DIELDRIN	NA			NA			ND	8	U	ND	13	U	NA			NA			ND	6	U	NA		
ENDOSULFAN I	NA			NA			ND	4	U	ND	6	U	NA			NA			ND	3	U	NA		
ENDOSULFAN II	NA			NA			ND	8	U	ND	13	U	NA			NA			ND	6	U	NA		
ENDOSULFAN SULFATE	NA			NA			ND	8	U	ND	13	U	NA			NA			ND	6	U	NA		
ENDRIN	NA			NA			ND	8	U	ND	13	U	NA			NA			ND	6	U	NA		
ENDRIN ALDEHYDE	NA			NA			ND	8	U	ND	13	U	NA			NA			ND	6	U	NA		
ENDRIN KETONE	NA			NA			ND	8	U	ND	13	U	NA			NA			ND	6	U	NA		
GAMMA-BHC (LINDANE)	NA			NA			ND	4	U	ND	6	U	NA			NA			ND	3	U	NA		
GAMMA-CHLORDANE	NA			NA			ND	4	U	ND	6	U	NA			NA			ND	3	U	NA		
HEPTACELOR	NA			NA			ND	4	U	ND	6	U	NA			NA			ND	3	U	NA		
HEPTACELOR EPOXIDE	NA			NA			ND	4	U	ND	6	U	NA			NA			ND	3	U	NA		
METHOXYCHLOR	NA			NA			ND	41	U	ND	64	U	NA			NA			ND	31	U	NA		
TOXAPHENE	NA			NA			ND	410	U	ND	640	U	NA			NA			ND	310	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RMQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB03			RADSBB04			RADSBB04			RADSBB04			RADSBB05			RADSBB06			RADSBB06			RADSBB07		
Sample ID	281RADSS033			281RADSS035			281RADSS036			281RADSS037			281RADSS038			281RADSS039			281RADSS040			281RADSS041		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.90 - 1.50			4.00 - 5.20			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TECRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	15,300	3.8		15,200	5.3		18,000	7.9		17,500	12.4		20,200	4.4		13,200	4.8		25,200	6.1		19,900	4.8	
ANTIMONY	ND	1.2	U	ND	1.9	U	ND	1.1	U	ND	1.6	UJ	ND	1.2	U	ND	1.1	U	ND	0.79	UJ	0.72	0.62	J
ARSENIC	9.0 *θ	0.65		8.9 *θ	0.90		12.8 *θ	1.4		8.6 *θ	2.1		10.7 *θ	0.76		5.6 *	0.83		21.2 *θ	1.1		19.7 *θ	0.82	
BARIUM	205	0.070	J	127	0.10	J	97.4	0.15	J	33.1	0.23	J	166	0.080	J	47.2	0.090	J	70.1	0.11		165	0.090	
BERYLLIUM	ND	0.020	U	ND	0.030	U	ND	0.050	U	ND	0.080	U	ND	0.16	U	ND	0.030	U	0.16 I	0.040	U	ND	0.10	U
CADMIUM	ND	0.050	U	ND	0.050	U	ND	0.10	U	ND	0.15	U	ND	0.050	U	ND	0.060	U	ND	0.080		ND	0.060	U
CALCIUM	11,400	3.4		1,510	4.6		4,950 θ	7.0		5,080	11.0		39,400	3.9		2,900θ	4.3		1,450	5.4		2,930	4.2	
CHROMIUM	41.2	0.42		54.9	0.58		60.7	0.87		58.5	1.4		56.6	0.49		41.2	0.53		72.1	0.68		41.2	0.53	
COBALT	13.6	0.12		13.6	0.16		6.8	0.24		10.3	0.38		28.2 I	0.14		5.0	0.15		12.6	0.19		26.7	0.15	
COPPER	44.8 θ	0.19		36.2	0.26		35.1 θ	0.39		24.4	0.61		16.5 θ	0.22		34.5 θ	0.24		56.1 θ	0.30		51.7 θ	0.24	
IRON	27,000	3.7		25,200	5.1		15,900	7.6		29,700	11.9		10,400	4.3		19,400	4.6		29,100	5.9		14,000	4.6	
LEAD	93.8	0.35		54.9 θσ	0.48		18.0	0.73		7.2	1.1		51.5 θσ	0.41		53.4 θσ	0.44		34.2	0.56		100 θΓσ	0.44	
MAGNESIUM	11,500	3.8		11,300	5.3		8,190	7.9		11,900	12.5		18,500	4.5		7,450	4.8		11,400	6.2		11,400	4.8	
MANGANESE	633	0.14		229	0.19		175	0.29		246	0.46		803	0.16		257	0.18		268	0.23		551	0.18	
MERCURY	0.10	0.10		0.19 θ	0.10		ND	0.12	U	ND	0.19	U	ND	0.070	U	0.11	0.10		0.25 θΓ	0.10		0.14 θΓσ	0.10	
MOLYBDENUM	ND	0.21	U	ND	0.40	U	5.6 Γ	0.44		4.8	0.68		ND	0.51	U	ND	0.28	U	1.2	0.34		ND	0.27	U
NICKEL	32.0 θθ	0.77		78.5 θθ	1.1		39.4 θ	1.6		58.9 θθ	2.5		90.0 θθ	0.90		54.3 θθ	0.97		78.0 θθ	1.2		79.0 θθ	0.97	
POTASSIUM	2,460	6.5	J	1,960	9.0	J	4,220	13.5	J	4,400	21.1	J	6,720	7.6	J	2,670	8.2	J	4,670	10.5	J	4,820	9.2	J
SELENIUM	ND	0.79	U	ND	1.1	U	ND	1.6	U	ND	2.6	U	ND	0.93	U	ND	1.0	U	ND	1.3	J	ND	1.0	U
SILVER	ND	0.14	U	ND	0.19	U	ND	0.29	U	ND	0.46	U	ND	0.16	U	ND	0.18	U	ND	0.23	U	ND	0.18	U
SODIUM	1,800	29.9		1,960	41.3		5,750	61.9		10,900	97.3		4,720	34.9		5,980	37.8		9,230	48.1		6,190	37.7	

Notes: Detected concentrations are shaded.

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Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB03			RADSBB04			RADSBB04			RADSBB04			RADSBB05			RADSBB06			RADSBB06			RADSBB07		
Sample ID	281RADSS033			281RADSS035			281RADSS036			281RADSS037			281RADSS038			281RADSS039			281RADSS040			281RADSS041		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95			08/03/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.90 - 1.50			4.00 - 5.20			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/kg)																								
THALLIUM	ND	0.47	UJ	ND	0.65	UJ	ND	0.97	UJ	ND	1.5	UJ	ND	0.55	UJ	ND	0.59	UJ	ND	0.75	U	ND	0.59	U
VANADIUM	62.8	0.14		63.4	0.19		57.5	0.29		73.0	0.46		65.5	0.16		53.3	0.18		72.7	0.23		70.5	0.18	
ZINC	102	0.070	J	238	0.10	J	72.1	0.15	J	72.2	0.23	J	106	0.080	J	93.8	0.090	J	108	0.11		215 #†	0.090	
Hexavalent Chromium (in µg/kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	ND	10.5	U	390	0.50		47.2	0.50		ND	39.2	U	NA			ND	25.3	U	161	1.0	J	ND	14.4	UJ
TOTAL ORGANIC CARBON	36,500	100		42,600	100		6,440	100		113,000	100		NA			10,500	100		NA			11,000	100	J
Percent Moisture (Percent)																								
PERCENT MOISTURE	6.0	1.0		74.0	1.0		59.0	1.0		74.0	1.0		NA			61.0	1.0		NA			31.0		
Miscellaneous																								
PH	8.2			7.3			7.3			7.5			8.2			8.5			7.3			7.6		

Notes: Detected concentrations are shaded.

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

† = Detected concentrations greater than the ambient metals concentrations in soils.

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04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB08			RADSBB06			RADSBC03			RADSBC04			RADSBC05			RADSBC05			RADSBC06			RADSBC07		
Sample ID	281RADSS016			281RADSS017			281RADSS043			281RADSS044			281RADSS045			281RADSS046			281RADSS047			281RADSS048		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/03/95			08/02/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
1,1,2-TRICHLOROETHANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
1,1-DICHLOROETHANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
1,1-DICHLOROETHENE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
1,2-DICHLOROETHANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
1,2-DICHLOROPROPANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
2-BUTANONE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
2-HEXANONE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
4-METHYL-2-PENTANONE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
ACETONE	NA			ND	12	U	NA			NA			NA			ND	50	U	NA			NA		
BENZENE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
BROMODICHLOROMETHANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
BROMOFORM	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
BROMOMETHANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
CARBON DISULFIDE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
CARBON TETRACHLORIDE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
CHLOROBENZENE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
CHLOROETHANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
CHLOROFORM	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
CHLOROMETHANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
DIBROMOCHLOROMETHANE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
ETHYLBENZENE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
METHYLENE CHLORIDE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
STYRENE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
TETRACHLOROETHENE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
TOLUENE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
TRICHLOROETHENE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
VINYL CHLORIDE	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		
XYLENE (TOTAL)	NA			ND	12	U	NA			NA			NA			ND	14	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RNQCE 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB08			RADSBB08			RADSBC03			RADSBC04			RADSBC05			RADSBC05			RADSBC06			RADSBC07		
Sample ID	281RADSS016			281RADSS017			281RADSS043			281RADSS044			281RADSS045			281RADSS046			281RADSS047			281RADSS048		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/03/95			08/03/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
1,2,4-TRICHLOROBENZENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
1,2-DICHLOROBENZENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
1,3-DICHLOROBENZENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
1,4-DICHLOROBENZENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
1-METHYLNAPHTHALENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
1-METHYLPHENANTHRENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2,4,5-TRICHLOROPHENOL	ND	250	U	NA			ND	180	U	NA			ND	390	U	NA			NA			NA		
2,4,6-TRICHLOROPHENOL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2,4-DICHLOROPHENOL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2,4-DIMETHYLPHENOL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2,4-DINITROPHENOL	ND	250	U	NA			ND	180	U	NA			ND	390	U	NA			NA			NA		
2,4-DINITROTOLUENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2,6-DIMETHYLNAPHTHALENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2,6-DINITROTOLUENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2-CHLORONAPHTHALENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2-CHLOROPHENOL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2-METHYLNAPHTHALENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2-METHYLPHENOL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
2-NITROANILINE	ND	250	U	NA			ND	180	U	NA			ND	390	U	NA			NA			NA		
2-NITROPHENOL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
3,3'-DICHLOROBENZIDINE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
3-NITROANILINE	ND	250	U	NA			ND	180	U	NA			ND	390	U	NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	ND	250	U	NA			ND	180	U	NA			ND	390	U	NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
4-CHLOROANILINE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
4-METHYLPHENOL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
4-NITROANILINE	ND	250	U	NA			ND	180	U	NA			ND	390	U	NA			NA			NA		
4-NITROPHENOL	ND	250	U	NA			ND	180	U	NA			ND	390	U	NA			NA			NA		
ACENAPETHENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB08			RADSBB08			RADSBC03			RADSBC04			RADSBC05			RADSBC05			RADSBC06			RADSBC07		
Sample ID	281RADSS016			281RADSS017			281RADSS043			281RADSS044			281RADSS045			281RADSS046			281RADSS047			281RADSS048		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/03/95			08/03/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
ACENAPHTHYLENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
ANTHRACENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BENZO(A)ANTHRACENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BENZO(A)PYRENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BENZO(B)FLUORANTHENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BENZO(E)PYRENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BENZO(G,H,I)PERYLENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BENZO(K)FLUORANTHENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BENZOIC ACID	ND	260	U	NA			ND	180	U	NA			ND	390	U	NA			NA			NA		
BENZYL ALCOHOL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
BUTYLBENZYLPHTHALATE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
CARBAZOLE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
CHRYSENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
DI-N-BUTYLPHTHALATE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
DI-N-OCTYLPHTHALATE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
DIBENZOFURAN	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
DIBENZOTHIOPHENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
DIETHYLPHTHALATE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
DIMETHYLPHTHALATE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
FLUORANTHENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
FLUORENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
HEXACHLOROBENZENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
HEXACHLOROBUTADIENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
HEXACHLOROETHANE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
ISOPHORONE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
NAPHTHALENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RNQCH 1992).

Table includes data from CTOs 281, 283, & 033

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB08			RADSBB08			RADSBC03			RADSBC04			RADSBC05			RADSBC05			RADSBC06			RADSBC07		
Sample ID	281RADSS016			281RADSS017			281RADSS043			281RADSS044			281RADSS045			281RADSS046			281RADSS047			281RADSS048		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/03/95			08/03/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
NITROBENZENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
PENTACHLOROPHENOL	ND	250	U	NA			ND	180	U	NA			ND	390	U	NA			NA			NA		
PERYLENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
PHENANTHRENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
PHENOL	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
PYRENE	ND	100	U	NA			ND	70	U	NA			ND	160	U	NA			NA			NA		
Semivolatiles (in ug/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
1,2-DICHLOROBENZENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
1,3-DICHLOROBENZENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
1,4-DICHLOROBENZENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	400	UJ	NA			NA			NA			ND	470	U	NA			NA		
2,4,5-TRICHLOROPHENOL	NA			ND	990	U	NA			NA			NA			ND	1,200	U	NA			NA		
2,4,6-TRICHLOROPHENOL	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
2,4-DICHLOROPHENOL	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
2,4-DIMETHYLPHENOL	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
2,4-DINITROPHENOL	NA			ND	990	U	NA			NA			NA			ND	1,200	U	NA			NA		
2,4-DINITROTOLUENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
2,6-DINITROTOLUENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
2-CHLORONAPETHALENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
2-CHLOROPHENOL	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
2-METHYLNAPETHALENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
2-METHYLPHENOL	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
2-NITROANILINE	NA			ND	990	U	NA			NA			NA			ND	1,200	U	NA			NA		
2-NITROPHENOL	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
3,3'-DICHLOROBENZIDINE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
3-NITROANILINE	NA			ND	990	U	NA			NA			NA			ND	1,200	U	NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			ND	990	U	NA			NA			NA			ND	1,200	U	NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
4-CHLOROANILINE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
4-METHYLPHENOL	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
4-NITROANILINE	NA			ND	990	U	NA			NA			NA			ND	1,200	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB08			RADSBC08			RADSBC03			RADSBC04			RADSBC05			RADSBC05			RADSBC06			RADSBC07		
Sample ID	281RADSS016			281RADSS017			281_RADSS043			281RADSS044			281RADSS045			281_RADSS046			281RADSS047			281RADSS048		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/03/95			08/03/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			ND	990	U	NA			NA			NA			ND	1,200	U	NA			NA		
ACENAPHTEENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
ACENAPHTHYLENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
ANTHRACENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
BENZO(A)ANTERACENE	NA			320 θ	400	J	NA			NA			NA			ND	470	U	NA			NA		
BENZO(A)PYRENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
BENZO(B)FLUORANTHENE	NA			250	400	J	NA			NA			NA			ND	470	U	NA			NA		
BENZO(G,H,I)PERYLENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
BENZO(K)FLUORANTHENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
BUTYLBENZYLPHTHALATE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
CARBAZOLE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
CHRYSENE	NA			300	400	J	NA			NA			NA			ND	470	U	NA			NA		
DI-N-BUTYLPHTHALATE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
DI-N-OCTYLPHTHALATE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
DIBENZOFURAN	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
DIETHYLPHTHALATE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
DIMETHYLPHTHALATE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
FLUORANTHENE	NA			640 θ	400		NA			NA			NA			ND	470	U	NA			NA		
FLUORENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
HEXACHLOROBENZENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
HEXACHLOROBUTADIENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
HEXACHLOROETHANE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
ISOPHORONE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
NAPHTHALENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
NITROBENZENE	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
PENTACHLOROPHENOL	NA			ND	990	U	NA			NA			NA			ND	1,200	U	NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

ɣ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB08			RADSBB09			RADSBC03			RADSBC04			RADSBC05			RADSBC05			RADSBC06			RADSBC07		
Sample ID	281RADSS016			281RADSS017			281RADSS043			281RADSS044			281RADSS045			281RADSS046			281RADSS047			281RADSS048		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/03/95			08/03/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/Kg)																								
PHENANTHRENE	NA			440 θ	400		NA			NA			NA			ND	470	U	NA			NA		
PHENOL	NA			ND	400	U	NA			NA			NA			ND	470	U	NA			NA		
PYRENE	NA			630	400		NA			NA			NA			ND	470	U	NA			NA		
Low Level Pesticides/PCBs (in ug/Kg)																								
2,4'-DDD	ND	0.1	U	NA			ND	0.1	UJ	NA			1	0.2		NA			NA			NA		
2,4'-DDE	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		
2,4'-DDT	ND	0.1	U	NA			ND	0.1	UJ	NA			2	0.2		NA			NA			NA		
4,4'-DDD	ND	0.1	U	NA			ND	0.1	UJ	NA			3.9	0.2		NA			NA			NA		
4,4'-DDE	0.3	0.1		NA			ND	0.1	UJ	NA			5.6	0.2		NA			NA			NA		
4,4'-DDT	0.3	0.1		NA			ND	0.1	UJ	NA			7.8θ	0.2	J	NA			NA			NA		
ALDRIN	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		
ALPHA-CHLORDANE	ND	0.1	U	NA			ND	0.1	UJ	NA			2.6	0.2		NA			NA			NA		
DIELDRIN	ND	0.1	U	NA			ND	0.1	UJ	NA			0.68	0.2		NA			NA			NA		
GAMMA-BHC (LINDANE)	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		
HEPTACHLOR	ND	0.1	U	NA			ND	0.1	UJ	NA			0.4	0.2		NA			NA			NA		
HEPTACHLOR EPOXIDE	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		
HEXACHLOROBENZENE	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		
MIREX	ND	0.1	U	NA			ND	0.1	UJ	NA			0.2	0.2	J	NA			NA			NA		
PCB-101 (2,2',3,5,5')	ND	0.1	U	NA			ND	0.1	UJ	NA			0.9	0.2		NA			NA			NA		
PCB-105 (2,3,3',4,4')	ND	0.1	U	NA			ND	0.1	UJ	NA			0.6	0.2		NA			NA			NA		
PCB-118 (2,3',4,4',5)	ND	0.1	U	NA			ND	0.1	UJ	NA			1	0.2		NA			NA			NA		
PCB-126 (3,3',4,4',5)	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		
PCB-128 (2,2',3,3',4,4')	ND	0.1	U	NA			ND	0.1	UJ	NA			0.6	0.2		NA			NA			NA		
PCB-138 (2,2',3,4,4',5')	ND	0.1	U	NA			ND	0.1	UJ	NA			1	0.2		NA			NA			NA		
PCB-153 (2,2',4,4',5,5')	ND	0.1	U	NA			ND	0.1	UJ	NA			1	0.2		NA			NA			NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.1	U	NA			ND	0.1	UJ	NA			0.5	0.2		NA			NA			NA		
PCB-18 (2,2',5)	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.1	U	NA			ND	0.1	UJ	NA			0.8	0.2		NA			NA			NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.1	U	NA			ND	0.1	UJ	NA			0.5	0.2		NA			NA			NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		
PCB-206 (2,2,',3,3',4,4',5,5',	ND	0.1	U	NA			ND	0.1	UJ	NA			0.4	0.2		NA			NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		
PCB-28 (2,4,4')	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		
PCB-44 (2,2',3,5')	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB08			RADSBB08			RADSBC03			RADSBC04			RADSBC05			RADSBC05			RADSBC06			RADSBC07		
Sample ID	281RADSS016			281RADSS017			281RADSS043			281RADSS044			281RADSS045			281RADSS046			281RADSS047			281RADSS048		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/03/95			08/03/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/Kg)																								
PCB-52 (2,2',5,5')	ND	0.1	U	NA			ND	0.1	UJ	NA			0.3	0.2		NA			NA			NA		
PCB-66 (2,3',4,4')	ND	0.1	U	NA			ND	0.1	UJ	NA			0.2	0.2		NA			NA			NA		
PCB-77 (3,3',4,4')	ND	0.1	U	NA			ND	0.1	UJ	NA			0.3	0.2		NA			NA			NA		
PCB-8 (2,4')	ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.2	J	NA			NA			NA		
TRANS-NONACHLOR	ND	0.1	U	NA			ND	0.1	UJ	NA			3	0.2		NA			NA			NA		
Pesticides/PCBs (in ug/Kg)																								
4,4'-DDD	NA			ND	4	U	NA			NA			NA			ND	5	J	NA			NA		
4,4'-DDE	NA			ND	4	U	NA			NA			NA			ND	5	J	NA			NA		
4,4'-DDT	NA			ND	4	U	NA			NA			NA			ND	5	J	NA			NA		
ALDRIN	NA			ND	2	U	NA			NA			NA			ND	2	J	NA			NA		
ALPHA-BHC	NA			ND	2	U	NA			NA			NA			ND	2	U	NA			NA		
ALPHA-CHLORDANE	NA			ND	2	U	NA			NA			NA			ND	2	U	NA			NA		
AROCLOR-1016	NA			ND	40	U	NA			NA			NA			ND	47	U	NA			NA		
AROCLOR-1221	NA			ND	79	U	NA			NA			NA			ND	94	U	NA			NA		
AROCLOR-1232	NA			ND	40	U	NA			NA			NA			ND	47	U	NA			NA		
AROCLOR-1242	NA			ND	40	U	NA			NA			NA			ND	47	U	NA			NA		
AROCLOR-1248	NA			ND	40	U	NA			NA			NA			ND	47	U	NA			NA		
AROCLOR-1254	NA			ND	40	U	NA			NA			NA			ND	47	U	NA			NA		
AROCLOR-1260	NA			ND	40	U	NA			NA			NA			ND	47	U	NA			NA		
BETA-BHC	NA			ND	2	U	NA			NA			NA			ND	2	U	NA			NA		
DELTA-BHC	NA			ND	2	U	NA			NA			NA			ND	2	U	NA			NA		
DIELDRIN	NA			ND	4	U	NA			NA			NA			ND	5	U	NA			NA		
ENDOSULFAN I	NA			ND	2	U	NA			NA			NA			ND	2	U	NA			NA		
ENDOSULFAN II	NA			ND	4	U	NA			NA			NA			ND	5	U	NA			NA		
ENDOSULFAN SULFATE	NA			ND	4	U	NA			NA			NA			ND	5	U	NA			NA		
ENDRIN	NA			ND	4	U	NA			NA			NA			ND	5	U	NA			NA		
ENDRIN ALDEHYDE	NA			ND	4	U	NA			NA			NA			ND	5	U	NA			NA		
ENDRIN KETONE	NA			ND	4	U	NA			NA			NA			ND	2	U	NA			NA		
GAMMA-BHC (LINDANE)	NA			ND	2	U	NA			NA			NA			ND	2	U	NA			NA		
GAMMA-CHLORDANE	NA			ND	2	U	NA			NA			NA			ND	2	U	NA			NA		
HEPTACHLOR	NA			ND	2	U	NA			NA			NA			ND	2	U	NA			NA		
HEPTACHLOR EPOXIDE	NA			ND	2	U	NA			NA			NA			ND	23	U	NA			NA		
METHOXYCHLOR	NA			ND	20	U	NA			NA			NA			ND	230	U	NA			NA		
TOXAPHENE	NA			ND	200	U	NA			NA			NA			ND	230	U	NA			NA		

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* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBBC08			RADSBBC8			RADSBC03			RADSBC04			RADSBC05			RADSBC05			RADSBC06			RADSBC07		
Sample ID	281RADSS016			281RADSS017			281RADSS043			281RADSS044			281RADSS045			281RADSS046			281RADSS047			281RADSS048		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/02/95			08/03/95			08/03/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
EMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	13,500	3.4		13,700	3.9		11,000	3.4		14,700	4.3		11,700	3.9		16,500	4.6		10,400	3.5		17,600	5.5	
ANTIMONY	0.39	0.44	J	NA			ND	0.43	UJ	1.0	0.56	J	ND	0.50	UJ	ND	0.59	UJ	0.67	0.44	J	0.75	0.70	J
ARSENIC	5.1 *	0.59		6.0 *	0.66		8.9 *θ	0.58		10.8 *θ	0.75		8.3 *θ	0.67		14.5 *θ	0.78		5.9 *	0.39		19.2 *θ	0.94	
BARIUM	176	0.060		185	0.070		173	0.060		45.4	0.080		162	0.070		288	0.080		107	0.060		140	0.10	
BERYLLIUM	ND	0.020	U	ND	0.020	U	ND	0.020	U	ND	0.030	U	ND	0.020	U	ND	0.22	U	ND	0.020	U	ND	0.030	U
CADMIUM	ND	0.040	U	ND	0.050	U	ND	0.040	U	ND	0.050	U	ND	0.050	U	ND	0.060	U	ND	0.23	U	ND	0.070	U
CALCIUM	9,040	3.0		15,800	3.4		30,200	3.0		4,280	3.8		13,500	3.4		5,240	4.0		4,720	3.1		3,640	4.8	
CHROMIUM	31.1	0.38		27.9	0.43		27.1	0.37		52.8	0.48		41.5	0.43		49.1	0.50		40.2	0.38		56.1	0.60	
COBALT	13.0	0.11		18.6	0.12		14.6	0.10		16.3	0.13		17.7	0.12		13.4	0.14		13.7	0.11		14.4	0.17	
COPPER	26.0	0.17		23.3	0.19		32.8	0.16		41.3 θ	0.21		28.7	0.19		40.6 θ	0.22		25.8	0.17		51.7 θ	0.27	
IRON	21,500	3.3		21,800	3.7		20,300	3.2		28,400	4.2		20,100	3.8		23,800	4.4		17,700	3.3		28,200	5.3	
LEAD	32.5	0.32	J	9.5	0.36	J	26.0	0.30		71.6 θΓσ	0.40		154 *θΓσ	0.36		176 *θΓσ	0.42		140 *θΓσ	0.32		84.1 θΓσ	0.50	
MAGNESIUM	8,080	3.5		8,200	3.9		7,740	3.4		11,500	4.4		10,900	3.9		9,490	4.6		7,660	3.5		11,000	5.5	
MANGANESE	601	0.13		788	0.14		719	0.12		348	0.16		793	0.14		291	0.17		487	0.13		305	0.20	
MERCURY	ND	0.13	J	ND	0.060	U	0.080	0.080		0.25 Γσ	0.10		ND	0.060	U	0.23 Γσ	0.10		0.15	0.10		0.32 Γσ	0.10	
MOLYBDENUM	ND	0.19	U	ND	0.21	U	ND	0.19	U	ND	0.39	U	ND	0.22	U	ND	0.28	J	0.37	0.19		1.5	0.30	
NICKEL	49.2 θ	0.70		66.1 #θ	0.78		61.2 #θ	0.66		78.1 #θ	0.88		67.1 #θ	0.79		62.7 #θ	0.92		58.9 #θ	0.70		63.9 #θ	1.1	
POTASSIUM	2,750	5.9	J	2,250	6.6	J	3,270	5.7	J	3,410	7.4	J	2,710	5.7	J	3,520	7.8	J	2,940	5.9	J	4,700	9.3	J
SELENIUM	ND	0.72	U	ND	0.81	U	ND	0.70	U	ND	0.91	U	ND	0.81	U	ND	0.95	U	ND	0.99	J	ND	1.4	U
SILVER	ND	0.13	U	ND	0.14	U	ND	0.12	U	ND	0.16	U	ND	0.14	U	ND	0.22	U	ND	0.13	U	ND	0.20	U
SODIUM	ND	27.0	U	1,780	30.3		154	26.3		4,480	34.1		4,750	30.6		8,450	35.8		698	27.1		10,400	42.9	

Notes: Detected concentrations are shaded.

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBB08			RADSBB08			RADSBC03			RADSBC04			RADSBC05			RADSBC05			RADSBC06			RADSBC07		
Sample ID	281RADSS015			281RADSS017			281RADSS043			281RADSS044			281RADSS045			281RADSS046			281RADSS047			281RADSS048		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/01/95			08/01/95			08/03/95			08/03/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.42	U	ND	0.47	U	0.72	0.41		ND	0.53	U	2.4 I	0.48		ND	0.56	U	ND	0.42	U	ND	0.67	U
VANADIUM	62.0	0.13		56.2	0.14		52.4	0.12		66.1	0.16		56.7	0.14		60.1	0.17		47.3	0.13		74.5	0.20	
ZINC	87.8	0.060		62.1	0.070		73.1	0.060		155 @	0.080		35.8	0.070		204 @I#	0.080		148	0.060		173 @#	0.10	
Hexavalent Chromium (in ug/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/Kg)																								
SULFIDE	NA			NA			ND	10.6	UJ	NA			ND	11.6	U	ND	13.4	U	NA			NA		
TOTAL ORGANIC CARBON	ND	109	U	ND	117	U	2,450	100	J	NA			29,900	100	J	ND	135	UJ	NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	8.0	1.0		16.0	1.0		6.0			NA			15.0			NA			NA			NA		
Miscellaneous																								
PH	7.5			7.6			7.7			7.5			7.8			7.3			8.1			8.5		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

I = Detected concentrations greater than the ambient metals concentrations in soils.

5 = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBC08			RADSBD03			RADSBD04			RADSBD05			RADSBD05			RADSBD06			RADSBD06			RADSBD06		
Sample ID	281RADSS091			281RADSS118			281RADSS121			281RADSS053			281RADSS054			281RADSS050			281RADSS051			281RADSS052		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/04/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50			0.50 - 1.00			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in ug/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
1,1-DICHLOROETHANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
1,1-DICHLOROETHENE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
1,2-DICHLOROETHANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
1,2-DICHLOROPROPANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
2-BUTANONE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	23	23	J
2-HEXANONE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
4-METHYL-2-PENTANONE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
ACETONE	NA			NA			NA			NA			ND	95	U	NA			ND	67	U	ND	350	U
BENZENE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
BROMODICHLOROMETHANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
BROMOFORM	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
BROMOMETHANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
CARBON DISULFIDE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
CARBON TETRACHLORIDE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
CHLOROBENZENE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
CHLOROETHANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
CHLOROFORM	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
CHLOROMETHANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
ETHYLBENZENE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
METHYLENE CHLORIDE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
STYRENE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
TETRACHLOROETHENE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
TOLUENE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
TRICHLOROETHENE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
VINYL CHLORIDE	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U
XYLENE (TOTAL)	NA			NA			NA			NA			ND	20	U	NA			ND	20	U	ND	23	U

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBC08			RADSBD03			RADSBD04			RADSBD05			RADSBD05			RADSBD06			RADSBD06			RADSED06		
Sample ID	281RADSS091			281RADSS118			281RADSS121			281RADSS053			281RADSS054			281RADSS050			281RADSS051			281RADSSC52		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/04/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50			0.50 - 1.00			4.80 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
1,2,4-TRICHLOROBENZENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
1,2-DICHLOROBENZENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
1,3-DICHLOROBENZENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
1,4-DICHLOROBENZENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
1-METHYLNAPETHALENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
1-METHYLPHENANTHRENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
2,4,5-TRICHLOROPHENOL	ND	170	U	ND	94	U	NA			ND	430	U	NA			ND	490	U	NA			NA		
2,4,6-TRICHLOROPHENOL	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
2,4-DICHLOROPHENOL	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
2,4-DIMETHYLPHENOL	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
2,4-DINITROPHENOL	ND	170	U	ND	94	U	NA			ND	430	U	NA			ND	490	U	NA			NA		
2,4-DINITROTOLUENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
2,6-DIMETHYLNAPHTHALENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
2,6-DINITROTOLUENE	ND	69	U	ND	38	UJ	NA			ND	170	U	NA			ND	190	UJ	NA			NA		
2-CHLORONAPETHALENE	ND	69	U	ND	38	UJ	NA			ND	170	U	NA			ND	190	UJ	NA			NA		
2-CHLOROPHENOL	ND	69	U	ND	38	UJ	NA			ND	170	U	NA			ND	190	UJ	NA			NA		
2-METHYLNAPETHALENE	ND	69	U	ND	38	UJ	NA			ND	170	U	NA			ND	190	UJ	NA			NA		
2-METHYLPHENOL	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	UJ	NA			NA		
2-NITROANILINE	ND	170	U	ND	94	U	NA			ND	430	UJ	NA			ND	490	UJ	NA			NA		
2-NITROPHENOL	ND	69	UJ	ND	38	U	NA			ND	170	UJ	NA			ND	190	UJ	NA			NA		
3,3'-DICHLOROBENZIDINE	ND	69	U	ND	38	U	NA			ND	170	UJ	NA			ND	190	UJ	NA			NA		
3-NITROANILINE	ND	170	U	ND	94	U	NA			ND	430	UJ	NA			ND	490	UJ	NA			NA		
4,6-DINITRO-2-METHYLPHENOL	ND	170	U	ND	94	U	NA			ND	430	UJ	NA			ND	490	UJ	NA			NA		
4-BROMOPHENYL-PHENYLETHER	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
4-CHLORO-3-METHYLPHENOL	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
4-CHLOROANILINE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
4-CHLOROPHENYL-PHENYLETHER	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
4-METHYLPHENOL	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
4-NITROANILINE	ND	170	U	ND	94	U	NA			ND	430	U	NA			ND	490	U	NA			NA		
4-NITROPHENOL	ND	170	U	ND	94	UJ	NA			ND	430	U	NA			ND	490	U	NA			NA		
ACENAPHTHENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 282, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBC08			RADSBD03			RADSBD04			RADSBD05			RADSBD05			RADSBD06			RADSBD06			RADSBD06		
Sample ID	281RADSS091			281RADSS118			281RADSS121			281RADSS053			281RADSS054			281RADSS050			281RADSS051			281RADSS052		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/04/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50			0.60 - 1.00			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
ACENAPHTHYLENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
ANTHRACENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BENZO(A)ANTHRACENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BENZO(A)PYRENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BENZO(B)FLUORANTHENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BENZO(E)PYRENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BENZO(G,H,I)PERYLENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BENZO(K)FLUORANTHENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BENZOIC ACID	ND	170	U	ND	94	U	NA			ND	430	U	NA			ND	490	U	NA			NA		
BENZYL ALCOHOL	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BIS(2-CHLOROETHOXY)METHANE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BIS(2-CHLOROETHYL)ETHER	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
BUTYLBENZYLPHTHALATE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
CARBAZOLE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
CHRYSENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
DI-N-BUTYLPHTHALATE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
DI-N-OCTYLPHTHALATE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
DIBENZ(A,H)ANTHRACENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
DIBENZOFURAN	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
DIBENZOTHIOPHENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
DIETHYLPHTHALATE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
DIMETHYLPHTHALATE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
FLUORANTHENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
FLUORENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
HEXACHLOROBENZENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
HEXACHLOROBUTADIENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
HEXACHLOROCYCLOPENTADIENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	UJ	NA			NA		
HEXACHLOROETHANE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
INDENO(1,2,3-CD)PYRENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
ISOPHORONE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
N-NITROSODIPHENYLAMINE (1)	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
NAPHTHALENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1952).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBC08			RADSBD03			RADSBD04			RADSBD05			RADSBD05			RADSBD06			RADSBD06			RADSBD06		
Sample ID	281RADSSC91			281RADSS118			281RADSS121			281RADSS053			281RADSS054			281RADSS050			281RADSS051			281RADSSC52		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/04/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50			0.60 - 1.00			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
PENTACHLOROPHENOL	ND	170	U	ND	94	U	NA			ND	430	U	NA			ND	490	U	NA			NA		
PERYLENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
PHENANTHRENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U						
PHENOL	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
PYRENE	ND	69	U	ND	38	U	NA			ND	170	U	NA			ND	190	U	NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
1,2-DICHLOROBENZENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
1,3-DICHLOROBENZENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
1,4-DICHLOROBENZENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			ND	1,700	U	NA			ND	1,700	U	ND	1,900	U
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2,4-DICHLOROPHENOL	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2,4-DINITROPHENOL	NA			NA			NA			NA			ND	1,700	U	NA			ND	1,700	U	ND	1,900	U
2,4-DINITROTOLUENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2,6-DINITROTOLUENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2-CHLORONAPETHALENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2-CHLOROPHENOL	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2-METHYLNAPETHALENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2-METHYLPHENOL	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
2-NITROANILINE	NA			NA			NA			NA			ND	1,700	U	NA			ND	1,700	U	ND	1,900	U
2-NITROPHENOL	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
3-NITROANILINE	NA			NA			NA			NA			ND	1,700	U	NA			ND	1,700	U	ND	1,900	U
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			ND	1,700	U	NA			ND	1,700	U	ND	1,900	U
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
4-CHLORCANILINE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
4-METHYLPHENOL	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
4-NITROANILINE	NA			NA			NA			NA			ND	1,700	U	NA			ND	1,700	U	ND	1,900	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND: U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBC08			RADSBD03			RADSBD04			RADSBD05			RADSBD05			RADSBD06			RADSBD05			RADSBD06		
Sample ID	281RADSS091			281RADSS118			281RADSS121			281RADSS063			281RADSS054			281RADSS050			281RADSS051			281RADSS052		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/04/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50			0.60 - 1.00			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-NITROPHENOL	NA			NA			NA			NA			ND	1,700	U	NA			ND	1,700	U	ND	1,900	U
ACENAPHTHENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
ACENAPHTHYLENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
ANTHRACENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
BENZO(A)ANTHRACENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
BENZO(A)PYRENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
BIS(2-CELOROETHOXY)METHANE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
BIS(2-CELOROETHYL)ETHER	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
BIS(2-ETHYLHEXYL)PETHALATE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
CARBAZOLE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
CHRYSENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
DIBENZOFURAN	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
DIETHYLPHTHALATE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
DIMETHYLPHTHALATE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
FLUORANTHENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
FLUORENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
HEXACHLOROBENZENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
HEXACHLOROBUTADIENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
HEXACHLOROETHANE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			ND	660	U	NA			ND	670	U	ND	760	U
ISOPHORONE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
NAPHTHALENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
NITROBENZENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
PENTACHLOROPHENOL	NA			NA			NA			NA			ND	1,700	U	NA			ND	1,700	U	ND	1,900	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBD03			RADSBD03			RADSBD04			RADSBD05			RADSBD05			RADSBD06			RADSBD06			RADSBD06		
Sample ID	281RADSS091			281RADSS118			281RADSS121			281RADSS053			281RADSS054			281RADSS050			281RADSS051			281RADSS052		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/04/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50			0.60 - 1.00			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHRENE	NA			NA			NA			NA			ND	680	U	NA			ND	670	U	ND	760	U
PHENOL	NA			NA			NA			NA			ND	680	U	NA			ND	570	U	ND	760	U
PYRENE	NA			NA			NA			NA			ND	680	U	NA			ND	570	U	ND	760	U
Low Level Pesticides/PCBs (in ng/Kg)																								
2,4'-DDD	ND	0.2	U	ND	0.1	U	NA			4	0.3		NA			0.9	0.2		NA			NA		
2,4'-DDE	ND	0.2	U	ND	0.1	U	NA			0.6	0.3		NA			ND	0.2	U	NA			NA		
2,4'-DDT	0.8	0.2		0.1	0.1		NA			0.8	0.3		NA			0.6	0.2		NA			NA		
4,4'-DDD	ND	0.2	U	ND	0.1	U	NA			6.8	0.3		NA			1	0.2		NA			NA		
4,4'-DDE	0.7	0.2		0.5	0.1		NA			3.6	0.3	J	NA			1	0.2	J	NA			NA		
4,4'-DDT	0.8	0.2		0.9	0.1		NA			2.6	0.3	J	NA			0.4	0.2		NA			NA		
ALDRIN	ND	0.2	U	ND	0.1	U	NA			ND	0.3	U	NA			0.9	0.2		NA			NA		
ALPHA-CHLORDANE	ND	0.2	U	ND	0.1	U	NA			3.6	0.3		NA											
DIELDRIN	ND	0.2	U	ND	0.1	U	NA			1.6	0.3		NA			0.58	0.2		NA			NA		
GAMMA-BHC (LINDANE)	ND	0.2	U	ND	0.1	U	NA			0.8	0.3		NA			0.5	0.2	U	NA			NA		
HEPTACHLOR	ND	0.2	U	ND	0.1	U	NA			ND	0.3	U	NA			ND	0.2		NA			NA		
HEPTACHLOR EPOXIDE	ND	0.2	U	ND	0.1	U	NA			0.6	0.3		NA			0.8	0.2		NA			NA		
HEXACHLOROBENZENE	ND	0.2	U	ND	0.1	U	NA			0.6	0.3		NA			0.5	0.2		NA			NA		
MIREX	ND	0.2	U	0.2	0.1		NA			0.5	0.3		NA			1	0.2		NA			NA		
PCB-101 (2,2',3,5,5')	ND	0.2	U	ND	0.1	U	NA			1	0.3		NA			0.8	0.2		NA			NA		
PCB-105 (2,3,3',4,4')	ND	0.2	U	ND	0.1	U	NA			0.7	0.3		NA			0.6	0.2		NA			NA		
PCB-118 (2,3',4,4',5)	ND	0.2	U	ND	0.1	U	NA			1	0.3		NA			0.8	0.2		NA			NA		
PCB-126 (3,3',4,4',5)	ND	0.2	U	ND	0.1	U	NA			ND	0.3	U	NA			ND	0.2	U	NA			NA		
PCB-128 (2,2',3,3',4,4')	ND	0.2	U	ND	0.1	U	NA			0.6	0.2		NA			0.4	0.2		NA			NA		
PCB-138 (2,2',3,4,4',5')	ND	0.2	U	0.3	0.1		NA			2	0.3		NA			1	0.2		NA			NA		
PCB-153 (2,2',4,4',5,5')	ND	0.2	U	ND	0.1	U	NA			1	0.3		NA			0.6	0.2		NA			NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.2	U	ND	0.1	U	NA			ND	0.3	U	NA			0.3	0.2		NA			NA		
PCB-18 (2,2',5)	ND	0.2	U	ND	0.1	U	NA			ND	0.3	U	NA			ND	0.2	U	NA			NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.2	U	ND	0.1	U	NA			0.7	0.3		NA			0.5	0.2		NA			NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.2	U	ND	0.1	U	NA			0.5	0.3		NA			0.4	0.2		NA			NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.2	U	ND	0.1	U	NA			ND	0.3	U	NA			ND	0.2	U	NA			NA		
PCB-206 (2,2,',3,3',4,4',5,5',	ND	0.2	U	ND	0.1	U	NA			0.5	0.3		NA			0.5	0.2		NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.2	U	ND	0.1	U	NA			ND	0.3	U	NA			ND	0.2	U	NA			NA		
PCB-28 (2,4,4')	ND	0.2	U	ND	0.1	U	NA			ND	0.3	U	NA			ND	0.2	U	NA			NA		
PCB-44 (2,2',3,5')	ND	0.2	U	ND	0.1	U	NA			ND	0.3	U	NA			0.3	0.2		NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 933

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBD08			RADSBD03			RADSBD04			RADSBD05			RADSBD05			RADSBD06			RADSBD06			RADSBD06		
Sample ID	281RADSS091			281RADSS118			281RADSS121			281RADSS053			281RADSS054			281RADSS050			281RADSS051			281RADSS052		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/04/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50			0.60 - 1.00			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/Kg)																								
PCB-52 (2,2',5,5') PCB-66 (2,3',4,4') PCB-77 (3,3',4,4') PCB-8 (2,4')	ND ND ND ND	0.2 0.2 0.2 0.2	U U U U	ND ND ND ND	0.1 0.1 0.1 0.1	U U U U	NA NA NA NA			ND 0.6 0.8 ND	0.3 0.3 0.3 0.3	U U	NA NA NA NA			ND 0.4 ND ND	0.2 0.2 0.2 0.2	U U U	NA NA NA NA			NA NA NA NA		
TRANS-NONACHLOR	ND	0.2	U	ND	0.1	U	NA			2	0.3		NA			2	0.2		NA			NA		
Pesticides/PCBs (in ug/Kg)																								
4,4'-DDD 4,4'-DDE 4,4'-DDT ALDRIN	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			ND ND ND ND	7 7 7 3	U U U U	NA NA NA NA			ND ND ND ND	7 7 7 3	U U U U	ND ND ND ND	8 8 8 4	U U U U
ALPHA-BHC ALPHA-CHLORDANE AROCLOR-1016 AROCLOR-1221	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			ND ND ND ND	3 3 68 140	U U U U	NA NA NA NA			ND ND ND ND	3 3 67 130	U U U U	ND ND ND ND	4 4 76 150	U U U U
AROCLOR-1232 AROCLOR-1242 AROCLOR-1248 AROCLOR-1254	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			ND ND ND ND	68 68 68 68	U U U U	NA NA NA NA			ND ND ND ND	67 67 67 67	U U U U	ND ND ND ND	76 76 76 76	U U U U
AROCLOR-1260 BETA-BHC DELTA-BHC DIELDRIN	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			ND ND ND ND	68 3 3 7	U U U U	NA NA NA NA			ND ND ND ND	67 3 3 7	U U U U	ND ND ND ND	76 4 4 8	U U U U
ENDOSULFAN I ENDOSULFAN II ENDOSULFAN SULFATE ENDRIN	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			ND ND ND ND	3 7 7 7	U U U U	NA NA NA NA			ND ND ND ND	3 7 7 7	U U U U	ND ND ND ND	4 8 8 8	U U U U
ENDRIN ALDEHYDE ENDRIN KETONE GAMMA-BHC (LINDANE) GAMMA-CHLORDANE	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			ND ND ND ND	7 7 3 3	U U U U	NA NA NA NA			ND ND ND ND	7 7 3 3	U U U U	ND ND ND ND	8 8 4 4	U U U U
HEPTACHLOR HEPTACHLOR EPOXIDE METHOXYCHLOR TOXAPHENE	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			ND ND ND ND	3 3 34 340	U U U U	NA NA NA NA			ND ND ND ND	3 3 33 330	U U U U	ND ND ND ND	4 4 38 380	U U U U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

γ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBC08			RADSBD03			RADSBD04			RADSBD05			RADSBD05			RADSBD06			RADSBD05			RADSBD05		
Sample ID	281RADSS091			281RADSS118			281RADSS121			281RADSS053			281RADSS054			281RADSS050			281RADSS051			281RADSS052		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/04/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.20 - 2.30			0.00 - 0.50			0.60 - 1.00			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	16,000	3.4	J	12,600	3.5	U	17,200	4.3	J	15,800	4.2	UJ	22,200	6.6	UJ	16,400	4.3	J	14,700	5.5	UJ	17,200	7.4	UJ
ANTIMONY	1.2	0.44		ND	1.5		ND	1.4		ND	0.55		ND	0.85		0.74	0.56		ND	0.84		ND	0.96	
ARSENIC	8.0 *	0.58		8.9 *θ	0.50		16.1 *θ	0.75		9.6 *θ	0.73		ND	3.2	J	8.0 *	0.74		13.6 *θ	1.1		5.1 *	1.3	
BARIUM	168	0.060		141	0.050		169	0.080		160	0.080		37.7	0.12		149	0.080		52.8	0.12		49.6	0.14	
BERYLLIUM	ND	0.020	U	ND	0.020	U	ND	0.24	U	ND	0.27	J	ND	0.040	U	ND	0.29	J	ND	0.040	U	ND	0.050	U
CADMIUM	ND	0.040	U	ND	0.040	U	ND	0.050	U	0.83 Γ	0.050		ND	0.080	U	ND	0.050	J	ND	0.080	UJ	ND	0.090	U
CALCIUM	5,300	3.0		6,750	3.1		2,690	3.8		2,210	3.8		5,580	5.9		3,220	3.8		4,250	5.8		1,160	5.6	
CHROMIUM	ND	38.7	U	13.5	0.39	J	54.7	0.48	J	45.9	0.47		72.4	0.73		47.4	0.48		80.9	0.72		69.2	0.82	
COBALT	15.9	0.10		13.0	0.11		21.6	0.13		14.9	0.13		9.0	0.20		15.2	0.13		5.3	0.20		7.5	0.23	
COPPER	31.5	0.17		40.3 θ	0.17	J	48.7 θ	0.21	J	37.9 θ	0.21		34.2 θ	0.33		39.2 θ	0.21		36.8 θ	0.32		28.1	0.36	
IRON	25,100	3.3		27,200	3.4		31,500	4.2		24,100	4.1		24,100	6.4		24,100	4.2		30,000	6.3		16,700	7.2	
LEAD	45.5	0.31	J	67.1 θΓσ	0.32		120 θΓσ	0.40		68.0 θΓσ	0.39		7.5	0.61		79.0 θΓσ	0.49		17.2	0.60	J	11.2	0.68	
MAGNESIUM	7,870	3.4		8,150	3.5		11,500	4.4		11,400	4.3		12,300	6.7		11,300	4.4		11,500	6.6		10,300	7.5	
MANGANESE	567	0.13		504	0.13		517	0.16		1,250 Γ	0.16		220	0.24		657	0.15		238	0.24		132	0.27	
MERCURY	0.12	0.10		0.25 θΓ	0.10		0.29 θΓ	0.10		0.27 θΓ	0.10		ND	0.10	U	0.24 θΓ	0.10		NC	0.10	U	ND	0.11	U
MOLYBDENUM	ND	0.19	U	0.95	0.19		ND	0.24	U	ND	0.23	U	2.8	0.37		ND	0.24	U	5.8	0.36		2.7	0.41	
NICKEL	70.0 #θ	0.69		57.0 #θ	0.71		71.5 #θ	0.88		80.8 #θ	0.86		48.3 θ	1.3		67.0 #θ	0.88		52.2 #θ	1.3		42.5 θ	1.5	
POTASSIUM	1,360	5.8	J	3,610	6.0	J	5,610	7.4	J	4,520	7.2	J	5,690	11.3	J	4,300	7.4	J	5,620	11.1	J	4,750	12.7	J
SELENIUM	ND	0.71	U	ND	0.73	U	ND	0.91	U	ND	0.89	U	ND	1.4	U	ND	0.90	U	ND	3.6	U	ND	1.5	U
SILVER	ND	0.13	U	ND	0.13	U	ND	0.16	U	ND	0.16	U	ND	0.24	U	ND	0.16	U	ND	0.24	U	ND	0.27	U
SODIUM	48.2	26.7	J	1,100	27.5	J	8,180	34.1	J	9,270	33.3		21,100	104		4,440	34.0		15,800	51.2		21,800	116	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBC08			RADSBD03			RADSBD04			RADSBD05			RADSBD05			RADSBD06			RADSBD06			RADSBD06		
Sample ID	281RADSS091			281RADSS118			281RADSS121			281RADSS053			281RADSS054			281RADSS050			281RADSS051			281RADSS052		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/04/95			08/04/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			0.00 - 0.50			0.60 - 1.00			4.50 - 5.70		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.42	U	ND	0.43	U	ND	0.53	U	1.3	0.52		ND	0.81	U	ND	0.53	U	ND	0.80	UJ	ND	0.91	U
VANADIUM	70.8	0.13		60.0	0.13		67.0	0.16		46.9	0.16		65.1	0.24		45.8	0.16		82.4	0.24		63.4	0.27	
ZINC	122	0.060		120	0.060		203 #Σ	0.080		172 #Σ	0.080		77.8	0.12		179 #σ	0.080		84.1	0.12		65.9	0.24	
Hexavalent Chromium (in ug/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			ND	50.0	UJ	NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/Kg)																								
SULFIDE	ND	10.2	UJ	ND	11.1	UJ	NA			ND	13.0	J	ND	17.5	U	ND	14.5	U	ND	14.3	U	ND	19.1	U
TOTAL ORGANIC CARBON	12,900	100	J	34,100	100		NA			28,600	100	J	26,100	100	J	41,800	100	J	14,900	100	J	16,100	100	J
Percent Moisture (percent)																								
PERCENT MOISTURE	4.0			12.0			NA			24.0			NA			12.6			NA			NA		
Miscellaneous																								
PH	6.8			7			5.9			5.1			4.1			6			4.4			4.4		

Notes: Detected concentrations are shaded.

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* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

***R* Area Disposal Site (Site 2)**

Point ID	RADSBD07			RADSBD08			RADSBE02			RADSBE03			RADSBE03			RADSBE04			RADSBE05			RADSBE06		
Sample ID	281RADSS095			281RADSS090			281RADSS117			281RADSS076			281RADSS077			281RADSS122			281RADSS103			281RADSS097		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			ND	96	U	NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
ACETONE	NA			NA			NA			NA			ND	330	U	NA			NA			NA		
BENZENE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			ND	41	U	NA			NA			NA		
STYRENE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
TOLUENE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			ND	43	U	NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			ND	43	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 035

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBD07			RADSBD08			RADSBE02			RADSBE03			RADSBE03			RADSBE04			RADSBE05			RADSBE06		
Sample ID	281RADSS095			281RADSS090			281RADSS117			281RADSS076			281RADSS077			281RADSS122			281RADSS103			281RADSS097		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
1,2,4-TRICHLOROBENZENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
1,2-DICHLOROBENZENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
1,3-DICHLOROBENZENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
1,4-DICHLOROBENZENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
1-METEYLNAPHTHALENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
1-METEYLPHENANTHRENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2,4,5-TRICHLOROPHENOL	ND	380	U	ND	460	U	ND	91	U	ND	300	U	NA			NA			ND	190	U	NA		
2,4,6-TRICHLOROPHENOL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2,4-DICELOROPHENOL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2,4-DIMETHYLPHENOL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2,4-DINITROPHENOL	ND	380	U	ND	460	U	ND	91	U	ND	300	U	NA			NA			ND	190	U	NA		
2,4-DINITROTOLUENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2,6-DIMETHYLNAPHTHALENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2,6-DINITROTOLUENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2-CHLORONAPHTHALENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2-CHLOROPHENOL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2-METHYLNAPHTHALENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2-METHYLPHENOL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
2-NITROANILINE	ND	380	U	ND	460	U	ND	91	U	ND	300	U	NA			NA			ND	190	U	NA		
2-NITROPHENOL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
3,3'-DICHLOROBENZIDINE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
3-NITROANILINE	ND	380	U	ND	460	U	ND	91	U	ND	300	U	NA			NA			ND	190	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	380	U	ND	460	U	ND	91	U	ND	300	U	NA			NA			ND	190	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
4-CHLORO-3-METHYLPHENOL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
4-CHLOROANILINE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
4-METHYLPHENOL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
4-NITROANILINE	ND	380	U	ND	460	U	ND	91	U	ND	300	U	NA			NA			ND	190	U	NA		
4-NITROPHENOL	ND	380	U	ND	460	U	ND	91	UJ	ND	300	U	NA			NA			ND	190	U	NA		
ACENAPHTHENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CCOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBD07			RADSBD08			RADSBE02			RADSBE03			RADSBE03			RADSBE04			RADSBE05			RADSBE06		
Sample ID	281RADSS095			281RADSS090			281RADSS117			281RADSS076			281RADSS077			281RADSS122			281RADSS103			281RADSS097		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
ACENAPHTHYLENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
ANTHRACENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
BENZO(A)ANTHRACENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
BENZO(A)PYRENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
BENZO(B)FLUORANTHENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
BENZO(E)PYRENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
BENZO(G,H,I)PERYLENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
BENZO(K)FLUORANTHENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
BENZOIC ACID	ND	380	U	ND	460	U	ND	91	U	520	300	J	NA			NA			ND	190	U	NA		
BENZYL ALCOHOL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA								
BIS(2-ETHYLHEXYL)PHTHALATE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
BUTYLBENZYLPHTHALATE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
CARBAZOLE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
CHRYSENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
DI-N-BUTYLPHTHALATE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
DI-N-OCTYLPHTHALATE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
DIBENZ(A,H)ANTHRACENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
DIBENZOFURAN	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
DIBENZOTHIOPHENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
DIETHYLPHTHALATE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
DIMETHYLPHTHALATE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
FLUORANTHENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
FLUORENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
HEXACHLOROBENZENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
HEXACHLOROBUTADIENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
HEXACHLOROCYCLOPENTADIENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
HEXACHLOROETHANE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
INDENO(1,2,3-CD)PYRENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
ISOPHORONE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA								
N-NITROSODIPHENYLAMINE (1)	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
NAPHTHALENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram. mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE07			RADSBE06			RADSBE02			RADSBE03			RADSBE01			RADSBE04			RADSBE05			RADSBE06		
Sample ID	281RADSS095			281RADSS090			281RADSS117			281RADSS076			281RADSS077			281RADSS122			281RADSS103			281RADSS097		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
NITROBENZENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
PENTACHLOROPHENOL	ND	380	U	ND	460	U	ND	91	U	ND	300	U	NA			NA			ND	190	U	NA		
PERYLENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
PHENANTHRENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
PHENOL	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
PYRENE	ND	150	U	ND	180	U	ND	36	U	ND	120	U	NA			NA			ND	75	U	NA		
Semivolatiles (in ug/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			ND	3,500	U	NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			ND	3,500	U	NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			ND	3,500	U	NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			ND	3,500	U	NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			ND	3,500	U	NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			ND	3,500	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 261, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBD07			RADSBD08			RADSBE02			RADSBEC3			RADSBE03			RADSBE04			RADSBE05			RADSBE06		
Sample ID	281RADSS095			281RADSS090			281RADSS117			281RADSS076			281RADSS077			281RADSS122			281RADSS102			281RADSS097		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			NA			NA			ND	3,500	U	NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			ND	1,400	UJ	NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
FLUORENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			ND	3,500	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBD07			RADSBD08			RADSBE02			RADSBE03			RADSBE03			RADSBE04			RADSBE05			RADSBE06		
Sample ID	281RADSS095			281RADSS090			281RADSS117			281RADSS076			281RADSS077			281RADSS122			281RADSS103			281RADSS097		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
PHENANTHRENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
PHENOL	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
PYRENE	NA			NA			NA			NA			ND	1,400	U	NA			NA			NA		
Low Level Pesticides/PCBs (in µg/kg)																								
2,4'-DDD	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.2	U	NA			NA			ND	0.1	U	NA		
2,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.2	U	NA			NA			ND	0.1	U	NA		
2,4'-DDT	0.4	0.1		ND	0.1	U	ND	0.1	U	0.5	0.2		NA			NA			0.2	0.1		NA		
4,4'-DDD	0.3	0.1		ND	0.1	U	ND	0.1	U	ND	0.2	U	NA			NA			0.3	0.1		NA		
4,4'-DDE	0.6	0.1		0.5	0.1		0.7	0.1		ND	0.2	U	NA			NA			0.4	0.1		NA		
4,4'-DDT	2.6	0.1		2.9	0.1		1.6	0.1		0.5	0.2		NA			NA			0.6	0.1		NA		
ALDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.8	0.2		NA			NA			ND	0.1	U	NA		
ALPHA-CHLORDANE	ND	0.1	U	ND	0.1	U	0.3	0.1		ND	0.2	U	NA			NA			ND	0.1	U	NA		
DIELDRIN	ND	0.1	U	0.26	0.1		ND	0.1	U	ND	0.2	U	NA			NA			ND	0.1	U	NA		
GAMMA-BHC (LINDANE)	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.2	U	NA			NA			ND	0.1	U	NA		
HEPTACHLOR	ND	0.1	U	ND	0.1	U	ND	0.5	U	ND	0.2	U	NA			NA			ND	0.2	U	NA		
HEPTACHLOR EPOXIDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.5	0.2		NA			NA			ND	0.1	U	NA		
HEXACHLOROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.3	0.2		NA			NA			ND	0.1	U	NA		
MIREX	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-101 (2,2',3,5,5')	ND	0.1	U	ND	0.1	U	0.2	0.1		ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-105 (2,3,3',4,4')	ND	0.1	U	ND	0.1	U	0.1	0.1		ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-118 (2,3',4,4',5)	ND	0.1	U	ND	0.1	U	0.09	0.1	J	ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-126 (3,3',4,4',5)	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.4	0.2		NA			NA			ND	0.1	U	NA		
PCB-128 (2,2',3,3',4,4')	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-138 (2,2',3,4,4',5')	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.2	0.2		NA			NA			ND	0.1	U	NA		
PCB-153 (2,2',4,4',5,5')	ND	0.1	U	ND	0.1	U	0.07	0.1	J	ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-18 (2,2',5)	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.3	0.2		NA			NA			ND	0.1	U	NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.1	U	ND	0.1	U	ND	0.4	U	ND	0.2	U	NA			NA			ND	0.2	U	NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.3	0.2		NA			NA			ND	0.1	U	NA		
PCB-206 (2,2',3,3',4,4',5,5',	ND	0.1	U	ND	0.1	U	0.09	0.1	J	ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-28 (2,4,4')	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.4	0.2		NA			NA			ND	0.1	U	NA		
PCB-44 (2,2',3,5')	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.2	UJ	NA			NA			ND	0.1	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBD07			RADSBD08			RADSBE02			RADSBE03			RADSBE03			RADSBE04			RADSBE05			RADSBE06		
Sample ID	281RADSS095			281RADSS090			281RADSS117			281RADSS076			281RADSS077			281RADSS122			281RADSS102			281RADSS097		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.3	0.2		NA			NA			ND	0.1	U	NA		
PCB-66 (2,3',4,4')	ND	0.1	U	ND	0.1	U	0.09	0.1	J	ND	0.2	U	NA			NA			ND	0.1	U	NA		
PCB-77 (3,3',4,4')	ND	0.1	U	ND	0.1	U	ND	0.1	U	1	0.2		NA			NA			ND	0.1	U	NA		
PCB-8 (2,4')	ND	0.9	U	ND	0.1	U	0.8	0.1		2	0.2		NA											
TRANS-NONACHLOR	ND	0.1	U	ND	0.1	U	0.5	0.1		ND	0.2	U	NA			NA			ND	0.1	U	NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			NA			NA			ND	14	U	NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			ND	14	U	NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			ND	14	UJ	NA			NA			NA		
ALDRIN	NA			NA			NA			NA			ND	7	UJ	NA			NA			NA		
ALPHA-BHC	NA			NA			NA			NA			ND	7	U	NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			ND	7	U	NA			NA			NA		
AROCLOR-1016	NA			NA			NA			NA			ND	140	U	NA			NA			NA		
AROCLOR-1221	NA			NA			NA			NA			ND	290	U	NA			NA			NA		
AROCLOR-1232	NA			NA			NA			NA			ND	140	U	NA			NA			NA		
AROCLOR-1242	NA			NA			NA			NA			ND	140	U	NA			NA			NA		
AROCLOR-1248	NA			NA			NA			NA			ND	140	U	NA			NA			NA		
AROCLOR-1254	NA			NA			NA			NA			ND	140	U	NA			NA			NA		
AROCLOR-1260	NA			NA			NA			NA			ND	140	U	NA			NA			NA		
BETA-BHC	NA			NA			NA			NA			ND	7	U	NA			NA			NA		
DELTA-BHC	NA			NA			NA			NA			ND	7	U	NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			ND	14	UJ	NA			NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			ND	7	U	NA			NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			ND	14	U	NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			ND	14	U	NA			NA			NA		
ENDRIN	NA			NA			NA			NA			ND	14	UJ	NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			ND	14	U	NA			NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			ND	14	U	NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			ND	7	UJ	NA			NA			NA		
GAMMA-CHLORDANE	NA			NA			NA			NA			ND	7	U	NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			ND	7	UJ	NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			ND	7	U	NA			NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			ND	72	U	NA			NA			NA		
TOXAPHENE	NA			NA			NA			NA			ND	720	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBD07			RADSBD08			RADSBE02			RADSBE03			RADSBE03			RADSBE04			RADSBE05			RADSBE06		
Sample ID	281RADSSC95			281RADSSC90			281RADSSL17			281RADSSD75			281RADSS077			281RADSS122			281RADSSL03			281RADSSC97		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	29,800 †	4.4		21,300	3.5		15,400	3.5		32,500 †	8.1		8,640	14.4		15,100	4.7		21,600	3.6		33,500 †	4.8	
ANTIMONY	0.87	0.56	J	1.2	0.45	J	ND	0.82	U	2.2 θΓ	1.0	J	ND	1.9	UJ	ND	0.60	UJ	ND	0.47	J	0.69	0.61	J
ARSENIC	13.3 *θ	0.75		12.4 *θ	0.60		5.0 *θ	0.62		29.9 *θΓ	1.4		ND	2.5	U	9.0 *θ	0.80		9.6 *θ	0.63		18.3 *θ	0.82	
BARIUM	160	0.080		81.6	0.060		198	0.070		155	0.15		25.7	0.26		205	0.090		101	0.070		168	0.090	
BERYLLIUM	ND	0.22	U	ND	0.020	U	ND	0.12	U	ND	0.050	U	ND	0.090	U	ND	0.070	U	0.29 #Γ	0.020		ND	0.31	U
CADMIUM	ND	0.050	U	ND	0.040	U	ND	0.060	U	ND	0.10	U	ND	0.18	U	ND	0.060	U	ND	0.040	U	ND	0.060	U
CALCIUM	3,220	3.9		4,820	3.1		14,700	3.2		6,290	7.1		7,260	12.7		5,150	4.1		4,000	3.2		3,330	4.2	
CHROMIUM	74.5	0.48		73.9	0.38		17.8	0.40	J	203 θΓ	0.99		27.4	1.6		48.0	0.51	J	61.4	0.40		80.9	0.53	
COBALT	17.7	0.13		14.1	0.11		16.4	0.11		11.6	0.25		3.7	0.44		12.4	0.14		15.9	0.11		18.1	0.15	
COPPER	49.1 θ	0.21		29.6	0.17		33.0	0.18	J	76.9 θΓ	0.40		13.0	0.70		34.7 θ	0.23	J	47.0 θ	0.18		46.5 θ	0.23	
IRON	35,200	4.2		33,500	3.3		25,300	3.5		41,900	7.8		12,100	13.8		40,000	4.5		31,100	3.5		44,000	4.6	
LEAD	83.4 θΓγ	0.40	J	43.1	0.32	J	11.2	0.33		55.8 θΓ	0.74		4.7	1.3		51.1 θΓ	0.43		113 θΓγ	0.34	J	76.2 θΓγ	0.44	J
MAGNESIUM	14,200	4.4		11,500	3.5		10,100	3.7		13,800	8.1		20,900	14.4		13,000	4.7		13,200	3.7		14,500	4.8	
MANGANESE	784	0.16		376	0.13		753	0.13		240	0.30		105	0.53		290	0.17		574	0.13		351	0.18	
MERCURY	0.30 θΓ	0.10		0.13	0.10		0.080	0.080		ND	0.12	U	ND	0.22	U	0.30 θΓ	0.10		0.34 θΓ	0.020		0.29 θ	0.10	
MOLYBDENUM	ND	0.24	U	ND	1.4	U	ND	0.20	U	3.1	0.45	J	2.4	0.79	J	0.32	0.26		ND	0.20	U	ND	0.25	U
NICKEL	106 #θ	0.88		71.4 #θ	0.70		67.6 #θ	0.74		85.4 #θ	1.6		25.0 θ	2.9		52.5 #θ	0.94		79.6 #θ	0.74		84.6 #θ	0.96	
POTASSIUM	7,060	7.4	J	5,450	5.9	J	3,630	6.2	J	7,610	13.8	J	5,020	24.5	J	7,160	7.9	J	6,550	6.2	J	8,540	8.1	J
SELENIUM	ND	0.92	U	ND	0.72	U	ND	0.76	U	ND	1.7	U	ND	3.0	UJ	ND	0.97	U	ND	0.76	J	ND	0.99	U
SILVER	ND	0.16	U	ND	0.13	U	ND	0.13	U	ND	0.30	U	ND	0.53	UJ	ND	0.17	U	ND	0.13	J	ND	0.18	U
SODIUM	6,200	34.2	J	128	27.2	J	ND	94.0	UJ	10,100	53.5		83,600	128		31,800	36.5	J	4,220	28.5	J	13,700	37.4	J

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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R Area Disposal Site (Site 2)

Point ID	RADSBD07			RADSBD08			RADSBE02			RADSBE03			RADSBE03			RADSBE04			RADSBE05			RADSBE06		
Sample ID	281RADSS095			281RADSS090			281RADSS117			281RADSS076			281RADSS077			281RADSS122			281RADSS103			281RADSS097		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/kg)																								
THALLIUM	ND	0.53	U	ND	0.43	J	1.6	0.45		ND	0.99	U	ND	1.8	U	ND	0.57	U	ND	0.45	U	ND	0.58	U
VANADIUM	74.4	0.16		79.1	0.13		57.6	0.13		130 I	0.30		37.3	0.53		53.2	0.17		59.7	0.13		86.9	0.18	
ZINC	235 σFe	0.080		118	0.060		74.1	0.070		127	0.15		40.4	0.26		119	0.090		201 σFe	0.070		229 σFe	0.090	
Hexavalent Chromium (in ug/kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	ND	13.4	UJ	ND	10.9	UJ	ND	10.6	UJ	ND	17.8	UJ	ND	46.0	UJ	NA			ND	11.1	U	NA		
TOTAL ORGANIC CARBON	9,970	100	J	17,400	100	J	1,640	100		110,000	100		120,000	100		NA			12,500	100	J	NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	28.0			10.6			9.0			45.0			NA			NA			12.0			NA		
Miscellaneous																								
PE	6.3			5.5			6.7			5.2			7.8			4.1			6.6			4.6		

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Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE07			RADSBE08			RADSBF02			RADSBF03			RADSBF04			RADSBF05			RADSBF06			RADSBF07		
Sample ID	281RADSS094			281RADSS089			281RADSS116			281RADSS124			281RADSS123			281RADSS102			281RADSS098			281RADSS093		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95			08/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
ACETONE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
STYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

ϕ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE07			RADSBE08			RADSBF02			RADSBF03			RADSBF04			RADSBF05			RADSBF06			RADSBF07		
Sample ID	281RADSS094			281RADSS089			281RADSS116			281RADSS124			281RADSS123			281RADSS102			281RADSS098			281RADSS093		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95			08/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/kg)																								
1,1'-BIPHENYL	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
1,2,4-TRICHLOROBENZENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
1,2-DICHLOROBENZENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
1,3-DICHLOROBENZENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
1,4-DICHLOROBENZENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
1-METHYLNAPHTHALENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
1-METHYLPHENANTHRENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2,4,5-TRICHLOROPHENOL	NA			ND	190	U	ND	250	U	ND	110	U	NA			NA			ND	510	U	NA		
2,4,6-TRICHLOROPHENOL	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2,4-DICHLOROPHENOL	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2,4-DIMETHYLPHENOL	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2,4-DINITROPHENOL	NA			ND	190	U	ND	250	U	ND	110	U	NA			NA			ND	510	U	NA		
2,4-DINITROTOLUENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2,6-DIMETHYLNAPHTHALENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2,6-DINITROTOLUENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2-CHLORONAPHTHALENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2-CHLOROPHENOL	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2-METHYLNAPHTHALENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2-METHYLPHENOL	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
2-NITROANILINE	NA			ND	190	U	ND	250	U	ND	110	U	NA			NA			ND	510	U	NA		
2-NITROPHENOL	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
3,3'-DICHLOROBENZIDINE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
3-NITROANILINE	NA			ND	190	U	ND	250	U	ND	110	U	NA			NA			ND	510	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			ND	190	U	ND	250	U	ND	110	U	NA			NA			ND	510	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
4-CHLOROANILINE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
4-CHLOROPHENYL-PHENYLETHER	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
4-METEYLPHENOL	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	510	U	NA		
4-NITROANILINE	NA			ND	190	U	ND	250	U	ND	110	U	NA			NA			ND	510	U	NA		
4-NITROPHENOL	NA			ND	190	U	ND	250	UJ	ND	110	UJ	NA			NA			ND	510	U	NA		
ACENAPHTHENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE07			RADSBE08			RADSBF02			RADSBF03			RADSBF04			RADSBF05			RADSBF06			RADSBF07		
Sample ID	281RADSS094			281RADSS089			281RADSS116			281RADSS124			281RADSS123			281RADSS102			281RADSS098			281RADSS093		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95			08/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/kg)																								
ACENAPHTHYLENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
ANTHRACENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BENZO(A)ANTHRACENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BENZO(A)PYRENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BENZO(B)FLUORANTHENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BENZO(E)PYRENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BENZO(G,H,I)PERYLENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BENZO(K)FLUORANTHENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BENZOIC ACID	NA			ND	190	J	220	250	J	ND	110	U	NA			NA			ND	510	U	NA		
BENZYL ALCOHOL	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
BUTYLBENZYLPHTHALATE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
CARBAZOLE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
CHRYSENE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
DI-N-BUTYLPHTHALATE	NA			ND	42	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
DI-N-OCTYLPHTHALATE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
DIBENZ(A,H)ANTHRACENE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
DIBENZOFURAN	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
DIBENZOTHIOPHENE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
DIETHYLPHTHALATE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
DIMETHYLPHTHALATE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
FLUORANTHENE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
FLUORENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
HEXACHLOROBENZENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
HEXACHLOROBUTADIENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
HEXACHLOROETHANE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
INDENO(1,2,3-CD)PYRENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
ISOPHORONE	NA			ND	78	J	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
NAPHTHALENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE07			RADSBE08			RADSBF02			RADSBF03			RADSBF04			RADSBF05			RADSBF06			RADSBF07		
Sample ID	281RADSS094			281RADSS089			281RADSS116			281RADSS124			281RADSS123			281RADSS102			281RADSS096			281RADSS093		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95			08/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
PENTACHLOROPHENOL	NA			ND	190	U	ND	250	U	ND	110	U	NA			NA			ND	510	U	NA		
PERYLENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
PHENANTHRENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
PHENOL	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
PYRENE	NA			ND	78	U	ND	100	U	ND	45	U	NA			NA			ND	200	U	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 285, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE07			RADSBE08			RADSBF02			RADSBF03			RADSBF04			RADSBF05			RADSBF06			RADSBF07		
Sample ID	281RADSS094			281RADSS089			281RADSS116			281RADSS124			281RADSS123			281RADSS102			281RADSS098			281RADSS093		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95			08/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim. Qual.		Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE07			RADSBE08			RADSBF02			RADSBF03			RADSBF04			RADSBF05			RADSBF06			RADSBF07		
Sample ID	281RADSS094			281RADSS089			281RADSS116			281RADSS124			281RADSS123			281RADSS102			281RADSS098			281RADSS093		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95			08/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHERENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			ND	0.1	U	3	0.2		4	0.1		NA			NA			0.3	0.1	J	NA		
2,4'-DDE	NA			ND	0.1	U	0.3	0.2		0.3	0.1		NA			NA			1	0.1	U	NA		
2,4'-DDT	NA			ND	0.1	U	ND	0.2	U	0.7	0.1		NA			NA			0.4	0.1		NA		
4,4'-DDD	NA			ND	0.1	U	0.8	0.2		7.0	0.1		NA			NA			0.4	0.1		NA		
4,4'-DDE	NA			ND	0.1	U	2	0.2		3.0	0.1		NA			NA			0.3	0.1		NA		
4,4'-DDT	NA			ND	0.1	U	0.5	0.2		3.0	0.1		NA			NA			1	0.1		NA		
ALDRIN	NA			ND	0.1	U	0.4	0.2		ND	0.1	U	NA			NA			0.2	0.1	J	NA		
ALPHA-CHLORDANE	NA			ND	0.1	U	1.8	0.2		0.2	0.1		NA			NA			ND	0.1	U	NA		
DIELDRIN	NA			ND	0.1	U	0.40	0.2		0.20	0.1		NA			NA			ND	0.1	U	NA		
GAMMA-BHC (LINDANE)	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
HEPTACHLOR	NA			0.3	0.1		ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
HEPTACHLOR EPOXIDE	NA			ND	0.1	U	0.4	0.2		ND	0.1	U	NA			NA								
HEXACHLOROBENZENE	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
MIREX	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-101 (2,2',3,5,5')	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-105 (2,3,3',4,4')	NA			ND	0.1	U	0.3	0.2		ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-118 (2,3',4,4',5)	NA			ND	0.1	U	0.3	0.2		ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-126 (3,3',4,4',5)	NA			0.3	0.1		ND	0.2	U	1	0.1		NA			NA			ND	0.1	U	NA		
PCB-128 (2,2',3,3',4,4')	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-138 (2,2',3,4,4',5')	NA			ND	0.1	U	0.5	0.2		ND	0.1	U	NA			NA								
PCB-153 (2,2',4,4',5,5')	NA			ND	0.1	U	0.2	0.2		ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-170 (2,2',3,3',4,4',5)	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-18 (2,2',5)	NA			ND	0.2	U	ND	0.3	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-180 (2,2',3,4,4',5,5')	NA			ND	0.1	U	0.1	0.2	J	ND	0.1	U	NA											
PCB-187 (2,2',3,4',5,5',6)	NA			0.4	0.1		ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-195 (2,2',3,3',4,4',5,6)	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-206 (2,2,*,3,3',4,4',5,5',	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			0.3	0.1	J	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-28 (2,4,4')	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-44 (2,2',3,5')	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			0.2	0.1	J	NA		

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

ϕ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE07			RADSBE08			RADSBF02			RADSBF03			RADSBF04			RADSBF05			RADSBF06			RADSBF07		
Sample ID	281RADSS094			281RADSS089			281RADSS116			281RADSS124			281RADSS123			281RADSS102			281RADSS098			281RADSS093		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95			08/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/Kg)																								
PCB-52 (2,2',5,5')	NA			ND	0.1	U	ND	0.2	U	ND	0.1	U	NA			NA			ND	0.1	J	NA		
PCB-66 (2,3',4,4')	NA			ND	0.1	U	0.2	0.2		ND	0.1	U	NA			NA			ND	0.1	J	NA		
PCB-77 (3,3',4,4')	NA			ND	0.1	U	ND	0.2	U	0.4	0.1		NA			NA			0.7	0.1	J	NA		
PCB-8 (2,4')	NA			ND	0.1	U	4	0.2		ND	0.1	U	NA			NA			0.6	0.1	J	NA		
TRANS-NONACHLOR	NA			ND	0.1	U	1	0.2		ND	0.1	U	NA			NA			ND	0.1	U	NA		
Pesticides/PCBs (in ug/Kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			NA		
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA			NA		

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Sample ID	281RADSS094			281RADSS089			281RADSS116			281RADSS124			281RADSS123			281RADSS102			281RADSS098			281RADSS093		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95			08/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	22,300	6.1		9,380	3.9		20,400	4.7		10,000	5.5		20,500	5.1		33,700 †	4.8		14,300	4.0		32,900 †	5.2	
ANTIMONY	3.1 θΓ	0.78	J	ND	0.51	UJ	ND	1.3	U	ND	1.8	U	ND	1.5	U	1.0	0.61	J	2.2 θΓ	0.52	J	1.4	0.67	J
ARSENIC	5.8 *θ	1.0		7.4 *	0.68		15.3 *θ	0.82		18.3 *θ	0.94		12.4 *θ	0.88		11.4 *θ	0.82		7.5 *	0.69		16.7 *θ	0.89	
BARIUM	7,710 *Γ	0.11		126	0.070		127	0.090		94.2	0.10		99.5	0.090		121	0.090		44.0	0.070		139	0.10	
BERYLLIUM	ND	0.040	U	ND	0.040	U	ND	0.060	U	ND	0.19	U	ND	0.30	U	ND	0.19	U	ND	0.96	U	ND	0.23	U
CADMIUM	ND	0.070	U	ND	0.050	U	ND	6.0	U	ND	0.070	U	ND	0.60	U	ND	0.060	U	ND	0.050	U	ND	0.060	U
CALCIUM	5,640	5.4		7,260	3.5		20,000	4.2		13,300	4.8		7,320	4.5		3,610	4.2		6,230	3.6		2,970	4.6	
CHROMIUM	66.3	0.67		ND	22.7	U	68.6	0.52	J	36.8	0.61	J	79.2	0.56	J	95.0 θΓ	0.52		ND	38.4	U	84.7 θΓ	0.58	
COBALT	14.1	0.19		14.9	0.12		13.2	0.15		21.9	0.17		14.5	0.16		17.0	0.15		14.0	0.12		15.6	0.16	
COPPER	87.8 θΓ	0.30		18.0	0.19		43.4 θ	0.23	J	46.5 θ	0.27	J	38.9 θ	0.25	J	49.8 θ	0.23		63.2 θΓ	0.20		46.0 θ	0.26	
IRON	24,400	5.9		17,400	3.8		37,800	4.6		36,300	5.3		43,600	4.9		40,000	4.6		19,800	3.9		43,000	5.0	
LEAD	235 *θΓσ	0.56	J	7.5	0.36	J	65.4 θΓσ	0.44		68.4 θΓσ	0.50		49.2 θ	0.47		44.6	0.44	J	208 *θΓσ	0.37	J	117 θΓσ	0.48	J
MAGNESIUM	11,600	5.1		6,490	4.0		11,700	4.8		23,200	5.5		13,100	5.1		15,000	4.8		8,510	4.0		14,300	5.2	
MANGANESE	450	0.22		652	0.14		292	0.17		1,090 Γ	0.20		432	0.19		330	0.17		489	0.15		287	0.19	
MERCURY	0.36 θΓ	0.10		0.050	0.066		0.14	0.10		0.35 θΓ	0.10		0.14	0.10		0.15	0.10		0.54 θΓσ	0.10		0.32 θΓ	0.10	
MOLYBDENUM	ND	1.2	U	ND	0.35	U	ND	0.26	U	2.9	0.30		ND	0.28	U	ND	0.26	U	ND	2.2	U	ND	0.74	U
NICKEL	120 θΓ	1.2		43.7 θ	0.80		52.1 θθ	0.96		64.1 θθ	1.1		66.6 θθ	1.0		93.8 θθ	0.96		146 θθΓσ	0.81		80.8 θθ	1.1	
POTASSIUM	5,970	10.4	J	2,050	6.7	J	4,500	8.1	J	8,370	9.3	J	5,060	8.7	J	7,110	8.1	J	3,170	6.9	J	7,290	8.9	J
SELENIUM	ND	1.3	U	ND	0.82	U	ND	0.99	U	ND	1.1	U	ND	1.1	U	ND	0.99	U	ND	0.84	U	ND	1.1	U
SILVER	0.72 Γ	0.22		ND	0.14	U	ND	0.17	U	ND	0.20	U	ND	0.19	U	ND	0.17	U	0.62 Γ	0.15		ND	0.19	U
SODIUM	19,300	47.7	J	4,680	30.9	J	9,820	37.2	J	86,800	43.0	J	12,000	40.0	J	10,200	37.3	J	13,300	31.5	J	6,150	40.9	J

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND: U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE07			RADSBE08			RADSBF02			RADSBF03			RADSBF04			RADSBF05			RADSBF06			RADSBF07		
Sample ID	281RADSS094			281RADSS089			281RADSS116			281RADSS124			281RADSS123			281RADSS102			281RADSS098			281RADSS093		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95			08/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.75	U	1.6 Γ	0.48		ND	0.58	U	ND	0.67	U	ND	0.63	U	ND	0.58	U	ND	0.49	U	ND	0.64	U
VANADIUM	80.3	0.22		48.4	0.14		68.5	0.17		57.7	0.20		74.3	0.19		87.8 Γ	0.17		55.9	0.15		91.9 Γ	0.19	
ZINC	135 Θ#	0.11		50.5	0.070		111	0.090		89.9	0.10		105	0.090		154 θ	0.090		142	0.070		236 θΓσ	0.10	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			ND	11.6	UJ	ND	14.9	UJ	ND	13.0	UJ	NA			NA			ND	12.2	UJ	NA		
TOTAL ORGANIC CARBON	NA			1,650	100	J	27,000	100		15,600	100		NA			NA			36,500	100	J	NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			15.0			35.0			27.0			NA			NA			19.0			NA		
Miscellaneous																								
PH	5			6.2			5.1			4.1			4.8			5			5			5.8		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBF08			RADSBG02			RADSBG03			RADSBG04			RADSBG04			RADSBG04			RADSBG05			RADSBG06		
Sample ID	281RADSS088			281RADSS125			281RADSS126			281RADSS078			281RADSS079			281RADSS080			281RADSS100			281RADSS099		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.80			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
2-BUTANONE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
2-HEXANONE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
ACETONE	NA			NA			NA			NA			ND	68	U	ND	87	U	NA			NA		
BENZENE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
BROMOFORM	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
BROMOMETHANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			ND	18	U	21	24	J	NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
CHLOROETHANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
CHLOROFORM	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			ND	25	U	ND	28	U	NA			NA		
STYRENE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
TOLUENE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			ND	18	U	ND	24	U	NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

γ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBP08			RADSBG02			RADSBG03			RADSBG04			RADSBG04			RADSBG04			RADSBG05			RADSBG06		
Sample ID	281RADSS088			281RADSS125			281_RADSS126			281RADSS078			281RADSS079			281RADSS080			281RADSS100			281RADSS099		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.80			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
1,2,4-TRICHLOROBENZENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
1,2-DICHLOROBENZENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
1,3-DICHLOROBENZENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
1,4-DICHLOROBENZENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
1-METHYLNAPHTHALENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
1-METHYLPHENANTHRENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2,3,5-TRIMETHYLNAPHTHALENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2,4,5-TRICHLOROPHENOL	ND	300	U	NA			NA			ND	210	U	NA			NA			ND	130	U	ND	120	U
2,4,6-TRICHLOROPHENOL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2,4-DICHLOROPHENOL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2,4-DIMETHYLPHENOL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2,4-DINITROPHENOL	ND	300	U	NA			NA			ND	210	U	NA			NA			ND	130	U	ND	120	U
2,4-DINITROTOLUENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2,6-DIMETHYLNAPHTHALENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2,6-DINITROTOLUENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2-CHLORONAPHTHALENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2-CHLOROPHENOL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2-METEYLNAPHTHALENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2-METEYLPHENOL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
2-NITROANILINE	ND	300	U	NA			NA			ND	210	U	NA			NA			ND	130	U	ND	120	U
2-NITROPHENOL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
3,3'-DICHLOROBENZIDINE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
3-NITROANILINE	ND	300	U	NA			NA			ND	210	U	NA			NA			ND	130	U	ND	120	U
4,6-DINITRO-2-METHYLPHENOL	ND	300	U	NA			NA			ND	210	U	NA			NA			ND	130	U	ND	120	U
4-BROMOPHENYL-PHENYLETHER	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
4-CHLORO-3-METHYLPHENOL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
4-CHLOROANILINE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
4-CHLOROPHENYL-PHENYLETHER	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
4-METHYLPHENOL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
4-NITROANILINE	ND	300	U	NA			NA			ND	210	U	NA			NA			ND	130	U	ND	120	U
4-NITROPHENOL	ND	300	U	NA			NA			ND	210	UJ	NA			NA			ND	130	U	ND	120	U
ACENAPHTHENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

6 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBF08			RADSBG02			RADSBG03			RADSBG04			RADSBG04			RADSBG04			RADSBG05			RADSBG06		
Sample ID	281RADSS088			281RADSS125			281RADSS126			281RADSS078			281RADSS079			281RADSS080			281RADSS100			281RADSS099		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.80			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
ACENAPHTHYLENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
ANTHRACENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BENZO(A)ANTHRACENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BENZO(A)PYRENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BENZO(B)FLUORANTHENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BENZO(E)PYRENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BENZO(G,H,I)PERYLENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BENZO(K)FLUORANTHENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BENZOIC ACID	ND	300	U	NA			NA			120	210	J	NA			NA			280	130		83	120	J
BENZYL ALCOHOL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BIS(2-CHLOROETHOXY)METHANE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BIS(2-CHLOROETHYL)ETHER	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
BUTYLBENZYLPHTHALATE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
CARBAZOLE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
CHRYSENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
DI-N-BUTYLPHTHALATE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	71	U	ND	38	U
DI-N-OCTYLPHTHALATE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
DIBENZ(A,H)ANTHRACENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
DIBENZOFURAN	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
DIBENZOTHIOPHENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
DIETHYLPHTHALATE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
DIMETHYLPHTHALATE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
FLUORANTHENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
FLUORENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
HEXACHLOROBENZENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
HEXACHLOROBUTADIENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
HEXACHLOROCYCLOPENTADIENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
HEXACHLOROETHANE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
INDENO(1,2,3-CD)PYRENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
ISOPHORONE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
N-NITROSO-DI-N-PROPYLAMINE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
N-NITROSODIPHENYLAMINE (1)	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
NAPHTHALENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBP08			RADSBG02			RADSBG03			RADSBG04			RADSBG04			RADSBG04			RADSBG05			RADSBG06		
Sample ID	281RADSS088			281RADSS125			281RADSS126			281RADSS078			281RADSS079			281RADSS080			281RADSS100			281RADSS099		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.80			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
PENTACHLOROPHENOL	ND	300	U	NA			NA			ND	210	U	NA			NA			ND	130	U	ND	120	U
PERYLENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
PHENANTHRENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
PHENOL	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
PYRENE	ND	120	U	NA			NA			ND	86	U	NA			NA			ND	53	U	ND	50	U
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			ND	1,500	U	ND	2,000	J	NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			ND	1,500	U	ND	2,000	J	NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
2-NITROANILINE	NA			NA			NA			NA			ND	1,500	U	ND	2,000	J	NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
3-NITROANILINE	NA			NA			NA			NA			ND	1,500	U	ND	2,000	J	NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			ND	1,500	U	ND	2,000	J	NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			ND	610	U	ND	810	J	NA			NA		
4-NITROANILINE	NA			NA			NA			NA			ND	1,500	U	ND	2,000	J	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBF08			RADSBG02			RADSBG03			RADSBG04			RADSBG04			RADSBG04			RADSBG05			RADSBG06		
Sample ID	281RADSS088			281RADSS125			281RADSS126			281RADSS078			281RADSS079			281RADSS080			281RADSS100			281RADSS099		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.80			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			NA			NA			ND	1,500	U	ND	2,000	U	NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			ND	510	U	ND	810	U	NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			ND	510	U	ND	810	U	NA			NA		
ANTHRACENE	NA			NA			NA			NA			ND	510	U	ND	810	U	NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
CARBAZOLE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
CHRYSENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
FLUORANTHENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
FLUORENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
ISOPHORONE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
NAPHTHALENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
NITROBENZENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			ND	1,500	U	ND	2,000	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBP08			RADSBG02			RADSBG03			RADSBG04			RADSBG04			RADSBG04			RADSBG05			RADSBG06		
Sample ID	281RADSS088			281RADSS125			281RADSS126			281RADSS078			281RADSS079			281RADSS080			281RADSS100			281RADSS099		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.80			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/Kg)																								
PHENANTHRENE	NA			NA			NA			NA			ND	610	J	ND	810	U	NA			NA		
PHENOL	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
PYRENE	NA			NA			NA			NA			ND	610	U	ND	810	U	NA			NA		
Low Level Pesticides/PCBs (in ug/Kg)																								
2,4'-DDD	ND	0.5	U	NA			NA			3	0.3		NA			NA			ND	0.2	J	ND	0.2	U
2,4'-DDE	ND	0.1	U	NA			NA			0.5	0.3		NA			NA			ND	0.2	J	ND	0.2	U
2,4'-DDT	0.4	0.1		NA			NA			2	0.3		NA			NA			ND	0.2	J	0.4	0.2	
4,4'-DDD	1	0.1		NA			NA			11 θ	0.3		NA			NA			0.4	0.2		0.4	0.2	
4,4'-DDE	2	0.1		NA			NA			2	0.3		NA			NA			ND	0.2	U	0.4	0.2	
4,4'-DDT	2 θ	0.1		NA			NA			6 θ	0.3		NA			NA			ND	0.2	U	ND	0.2	U
ALDRIN	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			0.4	0.2		0.3	0.2	
ALPHA-CHLORDANE	0.6 θ	0.1		NA			NA			0.4	0.3		NA			NA			ND	0.2	U	ND	0.2	U
DIELDRIN	0.3 θ	0.1		NA			NA			0.5 θ	0.3		NA			NA			ND	0.2	U	ND	0.2	U
GAMMA-BHC (LINDANE)	ND	0.1	U	NA			NA			0.9	0.3		NA			NA			ND	0.2	U	ND	0.2	U
HEPTACHLOR	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.3	U	ND	0.2	U
HEPTACHLOR EPOXIDE	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
HEXACHLOROBENZENE	ND	0.1	U	NA			NA			0.9	0.3		NA			NA			0.2	0.2		ND	0.2	U
MIREX	0.1	0.1	J	NA			NA			ND	0.3	U	NA			NA			0.2	0.2		ND	0.2	U
PCB-101 (2,2',3,5,5')	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-105 (2,3,3',4,4')	0.3	0.1		NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-118 (2,3',4,4',5)	0.6	0.1		NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-126 (3,3',4,4',5)	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	2	0.2	
PCB-128 (2,2',3,3',4,4')	0.3	0.1		NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-138 (2,2',3,4,4',5')	0.4	0.1		NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-153 (2,2',4,4',5,5')	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	0.4	0.2	
PCB-170 (2,2',3,3',4,4',5)	0.3	0.1		NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-18 (2,2',5)	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-180 (2,2',3,4,4',5,5')	0.3	0.1		NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-187 (2,2',3,4',5,5',6)	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-195 (2,2',3,3',4,4',5,6)	0.4	0.1		NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-206 (2,2,',3,3',4,4',5,5',	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-28 (2,4,4')	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-44 (2,2',3,5')	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBF08			RADSBG02			RADSBG03			RADSBG04			RADSBG04			RADSBG04			RADSBG05			RADSBG06		
Sample ID	281RADSS088			281RADSS125			281RADSS126			281RADSS078			281RADSS079			281RADSS080			281RADSS100			281RADSS099		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/22/95			08/23/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.80			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	0.3	0.2	
PCB-66 (2,3',4,4')	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
PCB-77 (3,3',4,4')	ND	0.1	U	NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	0.9	0.2	
PCB-8 (2,4')	ND	0.1	U	NA			NA			0.9	0.3		NA			NA			ND	0.2	U	ND	0.2	U
TRANS-NONACHLOR	0.7	0.1		NA			NA			ND	0.3	U	NA			NA			ND	0.2	U	ND	0.2	U
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			NA			NA			ND	6	U	ND	8	U	NA			NA		
4,4'-DDE	NA			NA			NA			NA			ND	6	U	ND	8	U	NA			NA		
4,4'-DDT	NA			NA			NA			NA			ND	6	U	ND	8	U	NA			NA		
ALDRIN	NA			NA			NA			NA			ND	3	U	ND	4	U	NA			NA		
ALPHA-BHC	NA			NA			NA			NA			ND	3	U	ND	4	U	NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			ND	3	U	ND	4	U	NA			NA		
AROCLOR-1016	NA			NA			NA			NA			ND	61	U	ND	81	U	NA			NA		
AROCLOR-1221	NA			NA			NA			NA			ND	120	U	ND	160	U	NA			NA		
AROCLOR-1232	NA			NA			NA			NA			ND	61	U	ND	81	U	NA			NA		
AROCLOR-1242	NA			NA			NA			NA			ND	61	U	ND	81	U	NA			NA		
AROCLOR-1248	NA			NA			NA			NA			ND	61	U	ND	81	U	NA			NA		
AROCLOR-1254	NA			NA			NA			NA			ND	61	U	ND	81	U	NA			NA		
AROCLOR-1260	NA			NA			NA			NA			ND	61	U	ND	81	U	NA			NA		
BETA-BHC	NA			NA			NA			NA			ND	3	U	ND	4	U	NA			NA		
DELTA-BHC	NA			NA			NA			NA			ND	3	U	ND	4	U	NA			NA		
DIELDRIN	NA			NA			NA			NA			ND	5	U	ND	8	U	NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			ND	3	U	ND	4	U	NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			ND	5	U	ND	8	U	NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			ND	5	U	ND	8	U	NA			NA		
ENDRIN	NA			NA			NA			NA			ND	6	U	ND	8	U	NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			ND	5	U	ND	8	U	NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			ND	6	U	ND	8	U	NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			ND	3	U	ND	4	U	NA			NA		
GAMMA-CHLORDANE	NA			NA			NA			NA			ND	3	U	ND	4	U	NA			NA		
HEPTACHLOR	NA			NA			NA			NA			ND	3	U	ND	4	U	NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			ND	3	U	ND	4	U	NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			ND	30	U	ND	41	U	NA			NA		
TOXAPHENE	NA			NA			NA			NA			ND	300	U	ND	410	U	NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBF08			RADSBG02			RADSBG03			RADSBG04			RADSBG04			RADSBG04			RADSBG05			RADSBG06		
Sample ID	281RADSS088			281RADSS125			281RADSS126			281RADSS078			281RADSS079			281RADSS080			281RADSS100			281RADSS099		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.80			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	17,600	4.0	J	12,700	3.5	U	17,000	4.6	J	19,300	4.2	U	26,700 E	5.9	U	16,600	8.0	UJ	13,000	6.2	J	12,700 J	4.9	J
ANTIMONY	0.53	0.51		ND	0.75		ND	0.59		ND	0.83		ND	1.6		ND	1.0		0.30	0.80		1.7	0.63	
ARSENIC	10.1 *e	0.68		5.9 *	0.60		14.7 *e	0.79		10.6 *e	0.72		12.4 *e	1.0		13.6 *e	1.4		22.0 *e	1.1		16.8 *e	0.85	
BARIUM	269	0.070		189	0.060		100	0.080		79.3	0.080		47.5	0.11		54.8	0.15		90.7	0.11		58.7	0.090	
BERYLLIUM	ND	0.020	U	ND	0.11	U	ND	0.030	U	ND	0.030	U	ND	0.040	U	ND	0.050	U	ND	0.11	U	ND	0.13	U
CADMIUM	ND	0.050	U	ND	0.040	U	ND	0.060	U	ND	0.050	U	ND	0.070	U	ND	0.10	UJ	ND	0.080	U	ND	0.060	U
CALCIUM	23,000	3.5		1,320	3.1		6,090	4.1		2,840	3.7		3,180	5.2		6,160	7.0		11,300	5.5		2,910	4.4	
CHROMIUM	ND	34.1	J	12.4	0.39	J	58.9	0.51	J	70.2	0.47	J	89.1 dr	0.65	J	61.7	0.88	J	45.2	0.68		93.8 dr	0.54	
COBALT	14.7	0.12		14.9	0.11		15.9	0.14		10.9	0.13		18.0	0.18		11.6	0.24		15.2	0.19		14.6	0.15	
COPPER	42.8 #	0.19		28.4	0.17	J	49.2 #	0.23	J	27.3	0.21	J	36.4 #	0.29	J	23.0	0.39	J	26.0	0.30		44.4 #	0.24	
IRON	24,900	3.8		23,600	3.4		26,800	4.4		37,900	4.1		33,300	5.7		48,300	7.7		73,200	6.0		36,600	4.7	
LEAD	26.8	0.36	J	9.5	0.32		46.7	0.42		14.8	0.39		16.0	0.55		9.5	0.73	J	46.6	0.57	J	26.1	0.45	J
MAGNESIUM	8,790	4.0		7,290	3.5		14,300	4.6		11,600	4.2		13,290	6.0		12,600	8.0		11,700	6.2		10,980	5.0	
MANGANESE	588	0.15		702	0.13		478	0.17		249	0.16		319	0.22		408	0.29		301	0.23		294	0.18	
MERCURY	ND	0.060	U	0.070	0.070		0.23 dr	0.10		0.16	0.10		0.14	0.10		ND	0.12	U	0.46 dTc	0.10		0.11	0.10	
MOLYBDENUM	ND	0.22	U	ND	0.19	U	2.2	0.25		ND	0.23	U	1.5	0.33		2.6	0.44		ND	3.1	U	ND	2.8	J
NICKEL	52.9 #e	0.80		55.9 #e	0.71		72.7 #e	0.93		53.6 #e	0.85		62.1 #e	1.2		50.7 e	1.6		56.2 #e	1.3		78.9 #e	1.0	
POTASSIUM	3,480	6.8	J	1,860	5.5	J	6,530	7.9	J	4,010	7.2	J	6,310	10.1	J	5,050	13.6	J	5,160	10.6	J	5,310	8.4	J
SELENIUM	ND	0.83	U	ND	0.73	U	ND	0.96	U	ND	0.88	U	ND	1.2	U	ND	1.7	U	ND	1.3	U	ND	1.0	U
SILVER	ND	0.15	U	ND	0.13	U	ND	0.17	U	ND	0.16	U	ND	0.22	U	ND	0.29	U	ND	0.23	U	ND	0.18	U
SODIUM	6,810	31.1	J	ND	28.3	U	33,900	36.2	J	7,530	33.0	J	17,000	46.5	J	23,900	62.5	J	42,500	48.6	J	5,120	38.5	J

Notes: Detected concentrations are shaded.

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@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

^ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBG08			RADSBG02			RADSBG03			RADSBG04			RADSBG04			RADSBG04			RADSBG05			RADSBG06		
Sample ID	281RADSS088			281RADSS125			281RADSS126			281RADSS078			281RADSS079			281RADSS080			281RADSL00			281RADSS099		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/23/95			08/23/95			08/23/95			08/23/95			08/23/95			08/22/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.80			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.49	U	ND	0.43	U	ND	0.57	U	ND	0.52	J	ND	0.73	U	ND	0.98	UJ	ND	0.76	J	ND	0.60	U
VANADIUM	71.4	0.15		55.4	0.13		69.4	0.17		53.6	0.16		91.3 T	0.22		82.7	0.29		57.6	0.23		107 T	0.18	
ZINC	78.4	0.070		63.2	0.060		101	0.080		79.7	0.080		81.6	0.11		70.1	0.15		92.2	0.11		127	0.090	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			ND	50.0	UJ	NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	ND	14.0	UJ	NA			NA			ND	12.5	UJ	ND	18.2	UJ	ND	18.8	UJ	ND	15.8	UJ	ND	14.4	UJ
TOTAL ORGANIC CARBON	58,800	100	J	NA			NA			39,600	100		39,800	100		20,900	100		35,900	100	J	63,000	100	J
Percent Moisture (percent)																								
PERCENT MOISTURE	31.0			NA			NA			23.0			NA			NA			38.9			34.0		
Miscellaneous																								
PH	8.1			7.2			4.8			4.4			4.6			7.4			4.7			5.2		

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBG07			RADSBG08			RADSBG08			RADSBG08			RADSBH02			RADSBH03			RADSBH04			RADSBH05		
Sample ID	281RADSS092			281RADSS085			281RADSS086			281RADSS087			281RADSS129			281RADSS128			281RADSS133			281RADSS104		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.70 - 2.00			4.00 - 5.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
2-BUTANONE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
2-HEXANONE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
ACETONE	NA			NA			ND	13	U	ND	100	U	NA			NA			NA			NA		
BENZENE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
BROMOFORM	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
BROMOMETHANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
CHLOROETHANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
CHLOROFORM	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
STYRENE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
TOLUENE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			ND	13	U	ND	29	U	NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBG07			RADSBG08			RADSBG08			RADSBG08			RADSBH02			RADSBH03			RADSBH04			RADSBH05		
Sample ID	281RADSS092			281RADSS085			281RADSS086			281RADSS087			281RADSS129			281RADSS128			281RADSS133			281RADSS134		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.70 - 2.00			4.00 - 5.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
1,2,4-TRICHLOROBENZENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
1,2-DICHLOROBENZENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
1,3-DICHLOROBENZENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
1,4-DICHLOROBENZENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
1-METHYLNAPHTHALENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
1-METHYLPHENANTHRENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2,3,5-TRIMETHYLNAPHTHALENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2,4,5-TRICHLOROPHENOL	NA			ND	97	U	NA			NA			ND	87	U	ND	240	U	NA			ND	610	U
2,4,6-TRICHLOROPHENOL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2,4-DICHLOROPHENOL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2,4-DIMETHYLPHENOL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2,4-DINITROPHENOL	NA			ND	97	U	NA			NA			ND	87	U	ND	240	U	NA			ND	610	U
2,4-DINITROTOLUENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2,6-DIMETHYLNAPHTHALENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2,6-DINITROTOLUENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2-CHLORONAPHTHALENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2-CHLOROPHENOL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2-METHYLNAPHTHALENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2-METHYLPHENOL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
2-NITROANILINE	NA			ND	97	U	NA			NA			ND	87	U	ND	240	U	NA			ND	610	U
2-NITROPHENOL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
3,3'-DICHLOROBENZIDINE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
3-NITROANILINE	NA			ND	97	U	NA			NA			ND	87	U	ND	240	U	NA			ND	610	U
4,6-DINITRO-2-METHYLPHENOL	NA			ND	97	U	NA			NA			ND	87	U	ND	240	U	NA			ND	610	U
4-BROMOPHENYL-PHENYLETHER	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
4-CHLORO-3-METHYLPHENOL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
4-CHLOROANILINE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
4-CHLOROPHENYL-PHENYLETHER	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
4-METHYLPHENOL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
4-NITROANILINE	NA			ND	97	U	NA			NA			ND	87	U	ND	240	U	NA			ND	610	U
4-NITROPHENOL	NA			ND	97	U	NA			NA			ND	87	U	ND	240	U	NA			ND	610	U
ACENAPHTHENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBG07			RADSBG08			RADSBG06			RADSBG08			RADSBH02			RADSBH03			RADSBH04			RADSBH05		
Sample ID	281RADSS092			281RADSS085			281RADSS086			281RADSS087			281RADSS129			281RADSS128			281RADSS133			281RADSS104		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.70 - 2.00			4.00 - 5.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
ACENAPHTHYLENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
ANTERACENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BENZO(A)ANTHRACENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BENZO(A)PYRENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BENZO(B)FLUORANTHENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BENZO(E)PYRENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BENZO(G,H,I)PERYLENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BENZO(K)FLUORANTHENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BENZOIC ACID	NA			ND	97	U	NA			NA			ND	87	U	ND	240	U	NA			ND	610	U
BENZYL ALCOHOL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BIS(2-CHLOROETHOXY)METHANE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BIS(2-CHLOROETHYL)ETHER	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
BUTYLBENZYLPHTHALATE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
CARBAZOLE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
CHRYSENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
DI-N-BUTYLPHTHALATE	NA			ND	61	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
DI-N-OCTYLPHTHALATE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
DIBENZ(A,H)ANTHRACENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
DIBENZOFURAN	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
DIBENZOTHIOPHENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
DIETHYLPHTHALATE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
DIMETHYLPHTHALATE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
FLUORANTHENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
FLUORENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
HEXACHLOROBENZENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
HEXACHLOROBUTADIENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
HEXACHLOROCYCLOPENTADIENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
HEXACHLOROETHANE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
INDENO(1,2,3-CD)PYRENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
ISOPHORONE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
N-NITROSODIPHENYLAMINE (1)	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
NAPHTHALENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

9 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

ŋ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 035

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBG07			RADSBG08			RADSBG08			RADSBG08			RADSBE02			RADSBH03			RADSBH04			RADSBH05		
Sample ID	281RADSS092			281RADSS085			281RADSS086			281RADSS087			281RADSS129			281RADSS128			281RADSS133			281RADSS104		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.70 - 2.00			4.00 - 5.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
NITROBENZENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
PENTACHLOROPHENOL	NA			ND	97	U	NA			NA			ND	87	U	ND	240	U	NA			ND	610	U
PERYLENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
PHENANTHRENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
PHENOL	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
PYRENE	NA			ND	39	U	NA			NA			ND	35	U	ND	96	U	NA			ND	240	U
Semivolatiles (in ug/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			ND	1,100	U	ND	2,500	U	NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			ND	1,100	U	ND	2,500	U	NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
2-NITROANILINE	NA			NA			ND	1,100	U	ND	2,500	U	NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
3-NITROANILINE	NA			NA			ND	1,100	U	ND	2,500	U	NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			ND	1,100	U	ND	2,500	U	NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
4-NITROANILINE	NA			NA			ND	1,100	U	ND	2,500	U	NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBG07			RADSBG08			RADSBG08			RADSBG08			RADSBH02			RADSBH03			RADSBH04			RADSBH05		
Sample ID	281RADSS092			281RADSS085			281RADSS086			281RADSS087			281RADSS129			281RADSS128			281RADSS133			281RADSS104		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.70 - 2.00			4.00 - 5.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			ND	1,100	U	ND	2,500	U	NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			660 #θ	430		ND	980	U	NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
ANTHRACENE	NA			NA			1,200 #θ	430		ND	980	U	NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			2,000 *#θ	430		ND	980	U	NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			1,500 *θ	430	J	ND	980	UJ	NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			2,300 *	430	J	ND	980	UJ	NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			520	430	J	ND	980	UJ	NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			820 *	430	J	ND	980	UJ	NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
CARBAZOLE	NA			NA			1,100	430	J	ND	980	UJ	NA			NA			NA			NA		
CHRYSENE	NA			NA			1,800 θ	430		ND	980	U	NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			ND	430	UJ	ND	980	UJ	NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			ND	430	UJ	ND	980	UJ	NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			503	430		ND	980	U	NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
FLUORANTHENE	NA			NA			5,000 θ	430		ND	980	U	NA			NA			NA			NA		
FLUORENE	NA			NA			600 #θ	430		ND	980	U	NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			ND	430	UJ	ND	980	UJ	NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			530	430	J	ND	980	UJ	NA			NA			NA			NA		
ISOPHORONE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
NAPHTHALENE	NA			NA			500 θ	430	J	ND	980	U	NA			NA			NA			NA		
NITROBENZENE	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			ND	1,100	U	ND	2,500	U	NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND: U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBG07			RADSBG08			RADSBG08			RADSBG08			RADSBE02			RADSBH03			RADSBH04			RADSBH05		
Sample ID	281RADSS092			281RADSS085			281RADSS085			281RADSS087			281RADSS129			281RADSS128			281RADSS133			281RADSS104		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.70 - 2.00			4.00 - 5.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHRENE	NA			NA			5,900 #θ	430		ND	980	U	NA			NA			NA			NA		
PHENOL	NA			NA			ND	430	U	ND	980	U	NA			NA			NA			NA		
PYRENE	NA			NA			4,300 #θ	430		ND	980	U	NA			NA			NA			NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			ND	0.1	U	NA			NA			ND	0.1	U	0.8	0.1		NA			0.5	0.2	
2,4'-DDE	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			0.3	0.2	
2,4'-DDT	NA			ND	0.1	U	NA			NA			0.3	0.1		0.4	0.1		NA			ND	0.2	U
4,4'-DDD	NA			ND	0.1	U	NA			NA			ND	0.1	J	2	0.1		NA			1	0.2	
4,4'-DDE	NA			0.2	0.1		NA			NA			ND	0.1	U	0.6	0.1		NA			0.9	0.2	
4,4'-DDT	NA			ND	0.1	U	NA			NA			0.3	0.1		0.3	0.1		NA			1.9	0.2	
ALDRIN	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
ALPHA-CHLORDANE	NA			ND	0.1	U	NA			NA			0.2	0.1		ND	0.1	U	NA			0.3	0.2	
DIELDRIN	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			0.3 θ	0.2	
GAMMA-BHC (LINDANE)	NA			ND	0.1	U	NA			NA			0.3	0.1		ND	0.1	U	NA			ND	0.2	U
HEPTACHLOR	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.6	U
HEPTACHLOR EPOXIDE	NA			ND	0.1	U	NA			NA			0.3	0.1		0.3	0.1		NA			ND	0.2	U
HEXACHLOROBENZENE	NA			ND	0.1	U	NA			NA			0.2	0.1	J	0.2	0.1		NA			0.5	0.2	
MIREX	NA			ND	0.1	U	NA			NA			ND	0.1	UJ	ND	0.1	U	NA			ND	0.2	U
PCB-101 (2,2',3,5,5')	NA			ND	0.1	U	NA			NA			0.1	0.1		ND	0.1	U	NA			0.1	0.2	J
PCB-105 (2,3,3',4,4')	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-118 (2,3',4,4',5)	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-126 (3,3',4,4',5)	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			0.7	0.2	
PCB-128 (2,2',3,3',4,4')	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-138 (2,2',3,4,4',5')	NA			0.3	0.1		NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-153 (2,2',4,4',5,5')	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-170 (2,2',3,3',4,4',5)	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-18 (2,2',5)	NA			ND	0.1	U	NA			NA			0.4	0.1		ND	0.1	U	NA			ND	0.2	U
PCB-180 (2,2',3,4,4',5,5')	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.8	U
PCB-187 (2,2',3,4',5,5',6)	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-195 (2,2',3,3',4,4',5,6)	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-206 (2,2,',3,3',4,4',5,5',	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-209 (2,2',3,3',4,4',5,5',6	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-28 (2,4,4')	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U
PCB-44 (2,2',3,5')	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	U	NA			ND	0.2	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

c = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 282, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBG07			RADSBG08			RADSBG08			RADSBG08			RADSBH02			RADSBH03			RADSBH04			RADSBH05		
Sample ID	281RADSS092			281RADSS065			281RADSS086			281RADSS087			281RADSS129			281RADSS128			281RADSS133			281RADSS104		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.70 - 2.00			4.00 - 5.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	J	NA			0.2	0.2	
PCB-66 (2,3',4,4')	NA			ND	0.1	U	NA			NA			ND	0.1	U	ND	0.1	J	NA			0.2	0.2	
PCB-77 (3,3',4,4')	NA			ND	0.1	U	NA			NA			ND	0.1	U	0.5	0.1		NA			0.4	0.2	
PCB-8 (2,4')	NA			ND	0.1	U	NA			NA			0.6	0.1		ND	0.1	U	NA			ND	0.2	U
TRANS-NONACHLOR	NA			ND	0.1	U	NA			NA			0.3	0.1		ND	0.1	U	NA			0.2	0.2	
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			ND	4	U	ND	10	J	NA			NA			NA			NA		
4,4'-DDE	NA			NA			ND	4	U	ND	10	J	NA			NA			NA			NA		
4,4'-DDT	NA			NA			ND	4	U	ND	10	J	NA			NA			NA			NA		
ALDRIN	NA			NA			ND	2	U	ND	5	J	NA			NA			NA			NA		
ALPHA-BHC	NA			NA			ND	2	U	ND	5	J	NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			ND	2	U	ND	5	J	NA			NA			NA			NA		
AROCLOR-1016	NA			NA			ND	43	U	ND	98	U	NA			NA			NA			NA		
AROCLOR-1221	NA			NA			ND	85	U	ND	200	U	NA			NA			NA			NA		
AROCLOR-1232	NA			NA			ND	43	U	ND	98	U	NA			NA			NA			NA		
AROCLOR-1242	NA			NA			ND	43	U	ND	98	U	NA			NA			NA			NA		
AROCLOR-1248	NA			NA			ND	43	U	ND	98	U	NA			NA			NA			NA		
AROCLOR-1254	NA			NA			ND	43	U	ND	98	U	NA			NA			NA			NA		
AROCLOR-1260	NA			NA			ND	43	U	ND	98	U	NA			NA			NA			NA		
BETA-BHC	NA			NA			ND	2	U	ND	5	U	NA			NA			NA			NA		
DELTA-BHC	NA			NA			ND	2	U	ND	5	U	NA			NA			NA			NA		
DIELDRIN	NA			NA			ND	4	U	ND	10	U	NA			NA			NA			NA		
ENDOSULFAN I	NA			NA			ND	2	U	ND	5	U	NA			NA			NA			NA		
ENDOSULFAN II	NA			NA			ND	4	U	ND	10	U	NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			ND	4	U	ND	10	U	NA			NA			NA			NA		
ENDRIN	NA			NA			ND	4	U	ND	10	U	NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			ND	4	U	ND	10	U	NA			NA			NA			NA		
ENDRIN KETONE	NA			NA			ND	4	U	ND	10	U	NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			ND	2	U	ND	5	U	NA			NA			NA			NA		
GAMMA-CHLORDANE	NA			NA			ND	2	U	ND	5	U	NA			NA			NA			NA		
HEPTACHLOR	NA			NA			ND	2	U	ND	5	U	NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			ND	2	U	ND	5	J	NA			NA			NA			NA		
METHOXYCHLOR	NA			NA			ND	21	U	ND	49	J	NA			NA			NA			NA		
TOXAPHENE	NA			NA			ND	210	U	ND	490	J	NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBG07			RADSBG08			RADSBG08			RADSBG08			RADSBH02			RADSBH03			RADSBH04			RADSBH05		
Sample ID	281RADSS092			281RADSS085			281RADSS086			281RADSS087			281RADSS129			281RADSS128			281RADSS133			281RADSS104		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.70 - 2.00			4.00 - 5.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	28,000 J	7.3	J	10,500	3.8	J	19,700	4.2	J	10,100	5.6	JJ	10,400	3.5	UJ	25,200 J	4.7	J	20,100	4.5	J	10,400	4.4	J
ANTIMONY	2.0 J	0.94		0.97	0.48	J	1.5	0.54		ND	1.2		ND	0.45		1.3	0.61		0.87	0.60		2.6 BE	0.56	
ARSENIC	13.5 *#	1.3		ND	5.2	U	10.3 *#	0.72		25.7 *BI	1.6		5.9 *	0.60		6.8 *#	0.81		10.2 *#	0.80		6.3 *	0.75	
BARIUM	140	0.13		140	0.370		185	0.080		40.8	0.18		132	0.060		95.1	0.090		93.9	0.090		42.5	0.080	
BERYLLIUM	ND	0.24	U	ND	0.020	U	ND	0.15	J	ND	0.060	U	ND	0.070	U	ND	0.040	J	ND	0.090	U	0.39 *I	0.080	
CADMIUM	ND	0.090	U	ND	0.050	U	ND	0.050	U	ND	0.12	U	ND	0.040	U	ND	0.060	J	ND	0.060	U	ND	0.050	U
CALCIUM	4,130	6.4		6,200	3.3		6,830	3.7		13,800	8.5		2,540	3.1		3,790	4.2		3,880	4.1		7,050	3.9	
CHROMIUM	74.7	0.81		ND	24.7	U	48.6	0.46		ND	30.2	U	27.6	0.38		82.8 #I	0.52		89.5	0.51		35.9	0.48	
COBALT	11.3	0.22		12.1	0.12		12.7	0.13		5.9	0.29		14.1	0.11		13.9	0.15		12.8	0.14		11.0	0.13	
COPPER	47.6 9	0.36		24.6	0.18		60.4 #I	0.20		24.7	0.47		28.7	0.27		40.6 9	0.23		36.0 9	0.23		48.8 9	0.21	
IRON	23,500	7.0		16,600	3.6		27,700	4.0		17,300	9.2		22,700	3.4		33,700	4.5		32,200	4.5		16,700	4.2	
LEAD	51.6 Be	0.67	J	39.3	0.35	J	1,160 *BI#	0.38	J	11.6	0.88	J	7.3	0.32	J	14.6	0.44	J	21.6	0.43	J	172 *BI#	0.40	J
MAGNESIUM	10,100	7.3		7,620	3.8		8,470	4.2		7,900	9.6		7,440	3.5		13,600	4.8		15,000	4.7		5,220	4.4	
MANGANESE	325	0.27		443	0.14		303	0.15		207	0.35		669	0.13		278	0.17		302	0.17		225	0.16	
MERCURY	0.13	0.10		0.12	0.10		0.15	0.10		ND	0.15	U	0.050	0.020	U	ND	0.070	U	0.11	0.030		ND	0.070	U
MOLYBDENUM	ND	3.1	U	ND	0.32	U	ND	0.23	U	6.2 I	0.53		ND	0.19	U	ND	0.26	U	ND	0.46	U	ND	1.1	U
NICKEL	79.5 #B	1.5	J	44.5 9	0.76	J	31.0 9	0.84	J	49.3 9	1.9	J	50.4 #9	0.71	J	67.6 #9	0.96	J	60.7 #B	0.94	J	34.4 #9	0.89	J
POTASSIUM	5,690	12.4	J	3,450	6.4	U	3,270	7.1	U	2,020	16.4	J	1,950	5.9	J	5,200	8.1	J	4,960	7.9	J	3,140	7.5	J
SELENIUM	ND	1.5	U	ND	0.78	U	ND	0.87	U	4.8 #BI#	2.0	U	ND	0.73	U	ND	0.99	U	ND	0.97	U	ND	0.91	U
SILVER	ND	0.27	U	ND	0.14	U	ND	0.15	U	ND	0.35	U	ND	0.13	U	ND	0.17	U	ND	0.17	U	0.47 I	0.16	
SODIUM	3,930	57.2	J	4,800	29.5	J	3,750	32.7	J	15,800	75.2	J	3,560	27.3	J	11,700	37.1	J	15,800	36.4	J	13,400	34.3	J

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I = Detected concentrations greater than the ambient metals concentrations in soils.

B = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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R Area Disposal Site (Site 2)

Point ID	RADSBG07			RADSBG08			RADSBG08			RADSBG08			RADSBH02			RADSBH03			RADSBH04			RADSBH05		
Sample ID	281RADSS092			281RADSS085			281RADSS086			281RADSS087			281RADSS129			281RADSS128			281RADSS133			281RADSS104		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/21/95			08/21/95			08/21/95			08/21/95			08/23/95			08/23/95			08/23/95			08/22/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.70 - 2.00			4.00 - 5.30			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.89	U	ND	0.46	U	ND	0.51	U	ND	1.2	J	ND	0.43	U	ND	0.58	J	ND	0.57	U	ND	0.54	U
VANADIUM	31.8 T	0.27		47.5	0.14		56.5	0.15		51.0	0.35		50.1	0.13		71.2	0.17		64.0	0.17		46.8	0.16	
ZINC	142	0.13		115	0.070		488 #@Tg	0.080		56.5	0.18		64.3	0.060		36.7	0.090		81.5	0.050		119	0.080	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			ND	250	UJ	NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			ND	11.5	UJ	ND	12.1	UJ	ND	12.4	UJ	ND	10.1	UJ	ND	13.7	UJ	NA			ND	14.2	U
TOTAL ORGANIC CARBON	NA			1,640	100	J	12,600	100	J	319,000	100	J	ND	106	UJ	14,500	100	J	NA			32,300	100	J
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			15.0			22.0			66.0			5.0			31.0			NA			32.5		
Miscellaneous																								
PH	6.2			7.7			7.6			6.7			7.2			4.7			4.7			4.9		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analysed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

T = Detected concentrations greater than the ambient metals concentrations in soils.

t = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBH06			RADSBH06			RADSBH06			RADSBH07			RADSBH08			RADSBI01			RADSBI02			RADSBI03		
Sample ID	281RADSS003			281RADSS004			281RADSS152			281RADSS112			281RADSS113			281RADSS121			281RADSS130			281RADSS135		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			09/18/95			08/22/95			08/22/95			08/23/95			08/23/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
ACETONE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
BENZENE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			14	26	J	NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
STYRENE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
TOLUENE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			ND	26	U	NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			ND	26	U	NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

¢ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 231, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBH05			RADSBH06			RADSBH06			RADSBH07			RADSBH08			RADSBI01			RADSBI02			RADSBI03		
Sample ID	281RADSS003			281RADSS004			281RADSS152			281RADSS112			281RADSS113			281RADSS131			281RADSS130			281RADSS135		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			09/18/95			08/22/95			08/22/95			08/23/95			08/23/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
1,2,4-TRICHLOROBENZENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
1,2-DICHLOROBENZENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
1,3-DICHLOROBENZENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
1,4-DICHLOROBENZENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
1-METHYLNAPHTHALENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
1-METHYLPHENANTHRENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2,4,5-TRICHLOROPHENOL	ND	1,300	U	NA			NA			ND	520	U	NA			ND	88	U	ND	110	U	NA		
2,4,6-TRICHLOROPHENOL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2,4-DICHLOROPHENOL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2,4-DIMETHYLPHENOL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2,4-DINITROPHENOL	ND	1,300	U	NA			NA			ND	520	U	NA			ND	88	U	ND	110	U	NA		
2,4-DINITROTOLUENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2,6-DIMETHYLNAPHTHALENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2,6-DINITROTOLUENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2-CHLORONAPHTHALENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2-CHLOROPHENOL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2-METHYLNAPHTHALENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2-METHYLPHENOL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
2-NITROANILINE	ND	1,300	U	NA			NA			ND	520	U	NA			ND	88	U	ND	110	U	NA		
2-NITROPHENOL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
3,3'-DICHLOROBENZIDINE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
3-NITROANILINE	ND	1,300	U	NA			NA			ND	520	U	NA			ND	88	U	ND	110	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	1,300	U	NA			NA			ND	520	U	NA			ND	88	U	ND	110	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
4-CHLORO-3-METHYLPHENOL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
4-CHLOROANILINE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
4-METHYLPHENOL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
4-NITROANILINE	ND	1,300	U	NA			NA			ND	520	U	NA			ND	88	U	ND	110	U	NA		
4-NITROPHENOL	ND	1,300	U	NA			NA			ND	520	U	NA			ND	88	U	ND	110	U	NA		
ACENAPHTHENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE06			RADSBH05			RADSBH06			RADSBH07			RADSBH08			RADSBI01			RADSBI02			RADSBI03		
Sample ID	281RADSS003			281RADSS004			281RADSS152			281RADSS112			281RADSS113			281RADSS131			281RADSS130			281RADSS135		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			09/18/95			08/22/95			08/22/95			08/23/95			08/23/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
ACENAPHTHYLENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
ANTHRACENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
BENZO(A)ANTHRACENE	61	500	J	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
BENZO(A)PYRENE	59	500	J	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
BENZO(B)FLUORANTHENE	84	500	J	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
BENZO(E)PYRENE	62	500	J	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
BENZO(G,H,I)PERYLENE	61	500	J	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
BENZO(K)FLUORANTHENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
BENZOIC ACID	ND	1,300	U	NA			NA			ND	520	U	NA			ND	88	U	ND	110	U	NA		
BENZYL ALCOHOL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	500	U	NA			NA			ND	320	U	NA			ND	35	U	ND	42	U	NA		
BUTYLBENZYLPHTHALATE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
CARBAZOLE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
CHRYSENE	86	500	J	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
DI-N-BUTYLPHTHALATE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
DI-N-OCTYLPHTHALATE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
DIBENZ(A,H)ANTHRACENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
DIBENZOFURAN	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
DIBENZOTHIOPHENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
DIETHYLPHTHALATE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
DIMETHYLPHTHALATE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
FLUORANTHENE	110	500	J	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
FLUORENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
HEXACHLOROBENZENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
HEXACHLOROBUTADIENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
HEXACHLOROCYCLOPENTADIENE	ND	500	UJ	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
HEXACHLOROETHANE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
INDENO(1,2,3-CD)PYRENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
ISOPHORONE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
N-NITROSODIPHENYLAMINE (1)	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
NAPHTHALENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBH06			RADSBH06			RADSBH06			RADSBH07			RADSBH08			RADSBI01			RADSBI02			RADSBI03		
Sample ID	281RADSS003			281RADSS004			281RADSS152			281RADSS112			281RADSS113			281RADSS131			281RADSS130			281RADSS135		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			09/18/95			08/22/95			08/22/95			08/23/95			08/23/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	J	ND	42	U	NA		
PENTACHLOROPHENOL	ND	1,300	U	NA			NA			ND	520	U	NA			ND	86	J	ND	110	U	NA		
PERYLENE	ND	500	U	NA			NA			ND	210	U	NA			ND	35	J	ND	42	U	NA		
PHENANTHRENE	52	500	J	NA			NA			ND	210	U	NA			ND	35	J	ND	42	U	NA		
PHENOL	ND	500	U	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
PYRENE	110	500	J	NA			NA			ND	210	U	NA			ND	35	U	ND	42	U	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			ND	800	U	NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			ND	800	U	NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			ND	800	U	NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			ND	800	U	NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			ND	800	U	NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			ND	800	U	NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBH06			RADSBH06			RADSBH06			RADSBH07			RADSBH08			RADSBI01			RADSBI02			RADSBI03		
Sample ID	281RADSS003			281RADSS004			281RADSS152			281RADSS112			281RADSS113			281RADSS131			281RADSS130			281RADSS135		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			09/18/95			08/22/95			08/22/95			08/23/95			08/23/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			ND	800	U	NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
FLUORENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			ND	800	U	NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND: U = Not detected, J = Estimated value. NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Ω = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBH05			RADSBH06			RADSBH04			RADSBH07			RADSBH08			RADSBI01			RADSBI02			RADSBI03		
Sample ID	281RADSS003			281RADSS004			281RADSS152			281RADSS112			281RADSS113			281RADSS131			281RADSS130			281RADSS135		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			09/18/95			08/22/95			08/22/95			08/23/95			08/23/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHRENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
PHENOL	NA			NA			500	330		NA			NA			NA			NA			NA		
PYRENE	NA			NA			ND	330	U	NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	3	0.3	J	NA			NA			0.3	0.2		NA			ND	0.1	U	0.6	0.1	J	NA		
2,4'-DDE	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
2,4'-DDT	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.1	U	0.3	0.1		NA		
4,4'-DDD	6.6	0.3		NA			NA			0.8	0.2		NA			0.4	0.1		0.6	0.1		NA		
4,4'-DDE	4.9	0.3		NA			NA			0.4	0.2		NA			0.2	0.1		0.3	0.1	J	NA		
4,4'-DDT	ND	0.3	U	NA			NA			0.4	0.2		NA			0.2	0.1		0.2	0.1	J	NA		
ALDRIN	ND	0.3	U	NA			NA			0.8	0.2		NA			ND	0.1	U	0.3	0.1	J	NA		
ALPHA-CHLORDANE	2.6	0.3		NA			NA			ND	0.2	U	NA			ND	0.1	U	0.2	0.1	J	NA		
DIELDRIN	1.6	0.3		NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
GAMMA-BHC (LINDANE)	0.7	0.3	J	NA			NA			ND	0.2	U	NA			0.3	0.1		ND	0.1	U	NA		
HEPTACHLOR	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.4	U	ND	0.1	U	NA		
HEPTACHLOR EPOXIDE	ND	0.3	U	NA			NA			ND	0.2	U	NA			0.2	0.1		1	0.1		NA		
HEXACHLOROBENZENE	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
MIREX	0.1	0.3		NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-101 (2,2',3,5,5')	0.8	0.3	J	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-105 (2,3,3',4,4')	0.5	0.3	J	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-118 (2,3',4,4',5)	0.9	0.3		NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-126 (3,3',4,4',5)	2	0.3	J	NA			NA			0.6	0.2		NA			0.4	0.1		ND	0.1	U	NA		
PCB-128 (2,2',3,3',4,4')	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-138 (2,2',3,4,4',5')	1	0.3	J	NA			NA			ND	0.2	U	NA			0.2	0.1		ND	0.1	U	NA		
PCB-153 (2,2',4,4',5,5')	1	0.3		NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-18 (2,2',5)	0.3	0.3	J	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-187 (2,2',3,4',5,5',6)	0.2	0.3	J	NA			NA			ND	0.2	U	NA			0.6	0.1		ND	0.1	U	NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-206 (2,2,',3,3',4,4',5,5',	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-28 (2,4,4')	ND	0.3	U	NA			NA			ND	0.2	U	NA			0.5	0.1		ND	0.1	U	NA		
PCB-44 (2,2',3,5')	ND	0.3	U	NA			NA			ND	0.2	U	NA			ND	0.3	U	ND	0.1	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

γ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBH06			RADSBH06			RADSBH06			RADSBH07			RADSBH08			RADSBI01			RADSBI02			RADSBI03		
Sample ID	281RADSS003			281RADSS004			281RADSS152			281RADSS112			281RADSS113			281RADSS131			281RADSS130			281RADSS135		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			09/18/95			08/22/95			08/22/95			08/23/95			08/23/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	ND	0.3	U	NA			NA			0.3	0.2		NA			0.2	0.1		ND	0.1	U	NA		
PCB-66 (2,3',4,4')	0.8	0.3		NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
PCB-77 (3,3',4,4')	ND	0.3	U	NA			NA			0.7	0.2		NA			ND	0.1	U	0.4	0.1	J	NA		
PCB-8 (2,4')	ND	0.3	U	NA			NA			2	0.2		NA			ND	0.1	U	ND	0.1	U	NA		
TRANS-NONACHLOR	2	0.3		NA			NA			ND	0.2	U	NA			ND	0.1	U	ND	0.1	U	NA		
Pesticides/PCBs (in ug/Kg)																								
4,4'-DDD	NA			ND	9	U	NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			ND	9	U	NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			ND	9	U	NA			NA			NA			NA			NA			NA		
ALDRIN	NA			ND	4	U	NA			NA			NA			NA			NA			NA		
ALPHA-BHC	NA			ND	4	U	NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			ND	4	U	NA			NA			NA			NA			NA			NA		
AROCLOR-1016	NA			ND	88	U	NA			NA			NA			NA			NA			NA		
AROCLOR-1221	NA			ND	180	U	NA			NA			NA			NA			NA			NA		
AROCLOR-1232	NA			ND	88	U	NA			NA			NA			NA			NA			NA		
AROCLOR-1242	NA			ND	88	U	NA			NA			NA			NA			NA			NA		
AROCLOR-1248	NA			ND	88	U	NA			NA			NA			NA			NA			NA		
AROCLOR-1254	NA			ND	88	U	NA			NA			NA			NA			NA			NA		
AROCLOR-1260	NA			ND	88	U	NA			NA			NA			NA			NA			NA		
BETA-BHC	NA			ND	4	U	NA			NA			NA			NA			NA			NA		
DELTA-BHC	NA			ND	4	U	NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			ND	9	U	NA			NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			ND	4	U	NA			NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			ND	9	U	NA			NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			ND	9	U	NA			NA			NA			NA			NA			NA		
ENDRIN	NA			ND	9	U	NA			NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			ND	9	U	NA			NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			ND	9	U	NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			ND	4	U	NA			NA			NA			NA			NA			NA		
GAMMA-CHLORDANE	NA			ND	4	U	NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			ND	4	U	NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			ND	4	U	NA			NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			ND	44	U	NA			NA			NA			NA			NA			NA		
TOXAPHENE	NA			ND	440	U	NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBH06			RADSBE06			RADSBH06			RADSBH07			RADSBH08			RADSBI01			RADSBI02			RADSBI03		
Sample ID	281RADSS003			281RADSS004			281RADSS152			281RADSS112			281RADSS113			281RADSS131			281RADSS130			281RADSS135		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			09/18/95			08/22/95			08/22/95			08/23/95			08/23/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	26,400 †	5.4		20,700	8.5		NA			14,400	5.9		17,000	3.5		9,450	3.4		17,100	3.9		16,300	4.0	
ANTIMONY	1.2	0.69	J	ND	1.1	UJ	NA			2.8 θΓ	0.75	J	0.98	0.45	J	ND	0.43	UJ	0.98	0.51	J	1.1	0.45	J
ARSENIC	8.6 *θ	0.93		40.1 *θΓσ	1.5		NA			10.9 *θΓ	1.0		8.3 *θ	0.60		4.5 *	0.58		7.1 *	0.67		5.4 *	0.61	
BARIUM	44.4	0.10		45.1	0.16		NA			258	0.11		273	0.060		124	0.060		76.2	0.070		117	0.060	
BERYLLIUM	ND	0.030	U	ND	0.050	U	NA			ND	0.040	J	ND	0.050	U	ND	0.070	U	ND	0.020	U	0.42	0.020	
CADMIUM	ND	0.070	U	0.40 Γ	0.10		NA			ND	0.070	J	ND	0.040	U	ND	0.040	U	ND	0.050	U	ND	0.040	U
CALCIUM	3,330	4.8		3,810	7.5		NA			5,610	5.2		45,900	3.1		4,370	3.0		3,990	2.5		3,360	3.1	
CHROMIUM	92.5 σΓ	0.60		81.0	0.94		NA			52.4	0.65		35.8	0.38		25.3	0.37		61.2	0.43		39.6	0.39	
COBALT	15.2	0.17		108 Γ	0.26		NA			12.2	0.18		13.5	0.11		10.2	0.10		11.5	0.12		18.1	0.10	
COPPER	30.1	0.25		80.6 σΓ	0.42		NA			77.3 σΓ	0.29		29.4	0.17		27.5	0.17		20.6	0.19		17.3	0.17	
IRON	34,600	5.2		27,000	8.2		NA			31,600	5.6		24,300	3.4		15,300	3.2		29,100	3.8		21,000	3.4	
LEAD	25.0	0.50		22.0	0.78		NA			101 σΓ*	0.54	J	12.3	0.32	J	23.5	0.31	J	7.7	0.36	J	12.4	0.32	
MAGNESIUM	13,100	5.4		9,930	8.6		NA			11,300	5.9		8,310	3.5		4,670	3.4		10,500	4.0		5,790	4.0	
MANGANESE	320	0.20		266	0.31		NA			258	0.22		581	0.13		384	0.12		285	0.14		537	0.13	
MERCURY	ND	0.20	J	ND	0.13	UJ	NA			0.41 σΓ*	0.040		0.050	0.020		0.070	0.020		ND	0.060	J	ND	0.050	U
MOLYBDENUM	1.2	0.30		17.2 Γ	0.47		NA			10.3 Γ	0.32		ND	0.19	U	ND	0.53	U	ND	0.22	J	0.51	0.19	J
NICKEL	78.0 #θ	1.1		242 *#θΓσ	1.7		NA			71.6 #θ	1.2		54.2 #θ	0.70		36.1 θ	0.68		54.9 #θ	0.80		69.4 #θ	0.70	
POTASSIUM	5,920	9.2	J	5,300	14.5	J	NA			8,040	10.0	J	2,800	5.9	J	3,350	5.7	J	2,870	5.7	J	5,120	6.5	J
SELENIUM	ND	1.1	U	ND	1.8	U	NA			ND	1.2	U	ND	0.73	U	ND	0.70	U	ND	0.82	U	ND	0.74	U
SILVER	ND	0.20	U	ND	0.31	U	NA			ND	0.22	U	ND	0.13	U	ND	0.12	U	ND	0.14	U	ND	0.13	U
SODIUM	4,860	42.3	J	21,800	66.8	J	NA			47,500	45.9	J	322	27.3	J	59.7	26.5	J	3,040	30.8	J	20,700	28.0	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBH06			RADSBH06			RADSBH06			RADSBH07			RADSBE08			RADSBI01			RADSBI02			RADSBIC3		
Sample ID	281RADSS003			281RADSS004			281RADSS152			281RADSS112			281RADSS113			281RADSS131			281RADSS130			281RADSS135		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			09/18/95			08/22/95			08/22/95			08/23/95			08/23/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.66	U	ND	1.0	U	NA			ND	0.72	J	ND	0.43	U	ND	0.41	U	ND	0.48	U	ND	0.43	U
VANADIUM	86.5 K	0.20		85.4	0.31		NA			95.6	0.22		61.4	0.13		36.5	0.12		54.6	0.14		49.4	0.13	
ZINC	136	0.10		62.4	0.16		NA			93.5	0.11		67.6	0.060		94.9	0.050		71.3	0.070		67.6	0.060	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	ND	50.0	UJ	NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	ND	29.9	U	ND	17.0	U	NA			ND	18.3	U	NA			ND	10.4	UJ	ND	12.4	UJ	NA		
TOTAL ORGANIC CARBON	237,000	100		12,200	100		NA			143,000	100	J	NA			28,300	100	J	3,570	100	J	NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	67.9			NA			NA			47.0			NA			6.0			22.0			NA		
Miscellaneous																								
PH	5.4			5			NA			3.9			8.5			7.1			5.4			6.2		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBI04			RADSBI04			RADSBI05			RADSBI06			RADSBI07			RADSBI08			RADSBI08			RADSBJ01		
Sample ID	281RADSS001			281RADSS002			281RADSS105			281RADSS106			281RADSS111			281RADSS005			281RADSS006			281RADSS132		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			08/22/95			08/22/95			08/22/95			07/27/95			07/27/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
1,1,2,2-TETRACHLOROETHANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
1,1,2-TRICHLOROETHANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
1,1-DICHLOROETHANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
1,1-DICHLOROETHENE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
1,2-DICHLOROETHANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
1,2-DICHLOROETHENE (TOTAL)	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
1,2-DICHLOROPROPANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
2-BUTANONE	NA			ND	110	U	NA			NA			NA			NA			ND	32	U	NA		
2-HEXANONE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
4-METHYL-2-PENTANONE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
ACETONE	NA			ND	360	U	NA			NA			NA			NA			ND	130	U	NA		
BENZENE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
BROMODICHLOROMETHANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
BROMOFORM	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
BROMOMETHANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
CARBON DISULFIDE	NA			ND	33	U	NA			NA			NA			NA			45	32		NA		
CARBON TETRACHLORIDE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
CHLOROBENZENE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
CHLOROETHANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
CHLOROFORM	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
CHLOROMETHANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
CIS-1,3-DICHLOROPROPENE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
DIBROMOCHLOROMETHANE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
ETHYLBENZENE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
METHYLENE CHLORIDE	NA			ND	36	U	NA			NA			NA			NA			ND	32	U	NA		
STYRENE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
TETRACHLOROETHENE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
TOLUENE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
TRANS-1,3-DICHLOROPROPENE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
TRICHLOROETHENE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
VINYL CHLORIDE	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		
XYLENE (TOTAL)	NA			ND	33	U	NA			NA			NA			NA			ND	32	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 035

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBI04			RADSBI04			RADSBI05			RADSBI06			RADSBI07			RADSBI08			RADSBI08			RADSBJ01		
Sample ID	281RADSS001			281RADSS002			281RADSS105			281RADSS106			281RADSS111			281RADSS005			281RADSS006			281RADSS132		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			08/22/95			08/22/95			08/22/95			07/27/95			07/27/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
2,2'-BIPHENYL	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
1,2,4-TRICHLOROBENZENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
1,2-DICHLOROBENZENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
1,3-DICHLOROBENZENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
1,4-DICHLOROBENZENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
1-METHYLNAPHTHALENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
1-METHYLPHENANTHRENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2,4,5-TRICHLOROPHENOL	ND	130	U	NA			ND	120	U	NA			NA			ND	260	U	NA			NA		
2,4,6-TRICHLOROPHENOL	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2,4-DICHLOROPHENOL	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2,4-DIMETHYLPHENOL	24	52	J	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2,4-DINITROPHENOL	ND	130	U	NA			ND	120	U	NA			NA			ND	260	U	NA			NA		
2,4-DINITROTOLUENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2,6-DIMETHYLNAPHTHALENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2,6-DINITROTOLUENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2-CHLORONAPHTHALENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2-CHLOROPHENOL	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2-METHYLNAPHTHALENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2-METHYLPHENOL	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
2-NITROANILINE	ND	130	U	NA			ND	120	U	NA			NA			ND	260	U	NA			NA		
2-NITROPHENOL	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
3,3'-DICHLOROBENZIDINE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
3-NITROANILINE	ND	130	U	NA			ND	120	U	NA			NA			ND	260	U	NA			NA		
4,6-DINITRO-2-METHYLPHENOL	ND	130	U	NA			ND	120	U	NA			NA			ND	260	U	NA			NA		
4-BROMOPHENYL-PHENYLETHER	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
4-CHLORO-3-METHYLPHENOL	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
4-CHLOROANILINE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
4-CHLOROPHENYL-PHENYLETHER	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
4-METHYLPHENOL	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
4-NITROANILINE	ND	130	U	NA			ND	120	U	NA			NA			ND	260	U	NA			NA		
4-NITROPHENOL	ND	130	U	NA			ND	120	U	NA			NA			ND	260	U	NA			NA		
ACENAPHTHENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBI04			RADSBI04			RADSBI05			RADSBI06			RADSBI07			RADSBI08			RADSBI08			RADSBC01		
Sample ID	281RADSS001			281RADSS002			281RADSS103			281RADSS106			281RADSS111			281RADSS095			281RADSS006			281RADSS132		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			08/22/95			08/22/95			08/22/95			07/27/95			07/27/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
ACENAPHTHYLENE	ND	52	U	NA			ND	46	J	NA			NA			ND	100	U	NA			NA		
ANTHRACENE	ND	52	U	NA			ND	46	J	NA			NA			ND	100	U	NA			NA		
BENZO(A)ANTHRACENE	ND	52	U	NA			ND	46	J	NA			NA			ND	100	U	NA			NA		
BENZO(A)PYRENE	ND	52	U	NA			ND	46	J	NA			NA			ND	100	U	NA			NA		
BENZO(B)FLUORANTHENE	6	52	J	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
BENZO(E)PYRENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
BENZO(G,H,I)PERYLENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
BENZO(K)FLUORANTHENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
BENZOIC ACID	59	130	J	NA			ND	120	U	NA			NA			53	250	J	NA			NA		
BENZYL ALCOHOL	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
BIS(2-CHLOROETHOXY)METHANE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
BIS(2-CHLOROETHYL)ETHER	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
BUTYLBENZYLPHTHALATE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
CARBAZOLE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
CHRYSENE	6	52	J	NA			ND	46	U	NA			NA			23	100	J	NA			NA		
DI-N-BUTYLPHTHALATE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
DI-N-OCTYLPHTHALATE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
DIBENZ(A,H)ANTHRACENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
DIBENZOFURAN	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
DIBENZOTHIOPHENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
DIETHYLPHTHALATE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
DIMETHYLPHTHALATE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
FLUORANTHENE	17	52	J	NA			ND	46	U	NA			NA			21	100	J	NA			NA		
FLUORENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
HEXACHLOROBENZENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
HEXACHLOROBUTADIENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
HEXACHLOROCYCLOPENTADIENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
HEXACHLOROETHANE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
INDENO(1,2,3-CD)PYRENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
ISOPHORONE	38	52	J	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
N-NITROSODIPHENYLAMINE (1)	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
NAPHTHALENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBI04			RADSBI04			RADSBI05			RADSBI06			RADSBI07			RADSBI06			RADSBI08			RADSBJC1		
Sample ID	281RADSSC01			281RADSSC02			281RADSS105			281RADSS106			281RADSS111			281RADSS005			281RADSS006			281RADSS132		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			08/22/95			08/22/95			08/22/95			07/27/95			07/27/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
PENTACHLOROPHENOL	ND	130	U	NA			ND	120	U	NA			NA			ND	260	U	NA			NA		
PERYLENE	9	52	J	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
PHENANTHRENE	7	52	J	NA			ND	46	U	NA			NA			ND	100	U						
PHENOL	ND	52	U	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
PYRENE	6	52	J	NA			ND	46	U	NA			NA			ND	100	U	NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
1,2-DICHLOROBENZENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
1,3-DICHLOROBENZENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
1,4-DICHLOROBENZENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2,4,5-TRICHLOROPHENOL	NA			ND	2,800	U	NA			NA			NA			NA			ND	2,700	U	NA		
2,4,6-TRICHLOROPHENOL	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2,4-DICHLOROPHENOL	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2,4-DIMETHYLPHENOL	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2,4-DINITROPHENOL	NA			ND	2,800	U	NA			NA			NA			NA			ND	2,700	U	NA		
2,4-DINITROTOLUENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2,6-DINITROTOLUENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2-CHLORONAPETHALENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2-CHLOROPHENOL	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2-METHYLNAPETHALENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2-METHYLPHENOL	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
2-NITROANILINE	NA			ND	2,800	U	NA			NA			NA			NA			ND	2,700	U	NA		
2-NITROPHENOL	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
3,3'-DICHLOROBENZIDINE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
3-NITROANILINE	NA			ND	2,800	U	NA			NA			NA			NA			ND	2,700	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			ND	2,800	U	NA			NA			NA			NA			ND	2,700	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
4-CHLOROANILINE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
4-CHLOROPHENYL-PHENYLETHER	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
4-METHYLPHENOL	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
4-NITROANILINE	NA			ND	2,800	U	NA			NA			NA			NA			ND	2,700	U	NA		

Notes: Detected concentrations are shaded.

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBI04			RADSBI04			RADSBI05			RADSBI06			RADSBI07			RADSBI08			RADSBI08			RADSBJC1		
Sample ID	281RADSS001			281RADSS002			281RADSS105			281RADSS106			281RADSS111			281RADSS005			281RADSS006			281RADSS132		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			08/22/95			08/22/95			08/22/95			07/27/95			07/27/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			ND	2,800	U	NA			NA			NA			NA			ND	2,700	U	NA		
ACENAPHTHENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
ACENAPHTHYLENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
ANTHRACENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
BENZO(A)ANTHRACENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
BENZO(A)PYRENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
BENZO(B)FLUORANTHENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
BENZO(G,H,I)PERYLENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
BENZO(K)FLUORANTHENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
BUTYLBENZYLPHTHALATE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
CARBAZOLE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
CHRYSENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
DI-N-BUTYLPHTHALATE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
DI-N-OCTYLPHTHALATE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
DIBENZ(A,H)ANTHRACENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
DIBENZOFURAN	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
DIETHYLPHTHALATE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
DIMETHYLPHTHALATE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
FLUORANTHENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
FLUORENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
HEXACHLOROBENZENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
HEXACHLOROBUTADIENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
HEXACHLOROETHANE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
INDENO(1,2,3-CD)PYRENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
ISOPHORONE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
NAPHTHALENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
NITROBENZENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
PENTACHLOROPHENOL	NA			ND	2,800	U	NA			NA			NA			NA			ND	2,700	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed. Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBI04			RADSBI04			RADSBI05			RADSBI06			RADSBI07			RADSBI08			RADSBI08			RADSBJ01		
Sample ID	281RADSS001			281RADSS002			281RADSS105			281RADSS106			281RADSS111			281RADSS005			281RADSS006			281RADSS132		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			08/22/95			08/22/95			08/22/95			07/27/95			07/27/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHRENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
PHENOL	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
PYRENE	NA			ND	1,100	U	NA			NA			NA			NA			ND	1,100	U	NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	3	0.2	J	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
2,4'-DDE	0.4	0.2		NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
2,4'-DDT	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
4,4'-DDD	8 θ	0.3		NA			ND	0.1	U	NA			NA			ND	0.4	U	NA			NA		
4,4'-DDE	1	0.2	J	NA			ND	0.1	U	NA			NA			0.8	0.2		NA			NA		
4,4'-DDT	ND	0.7	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
ALDRIN	ND	0.2	U	NA			0.4	0.1	J	NA			NA			ND	0.2	U	NA			NA		
ALPHA-CHLORDANE	1 θ	0.2		NA			ND	0.1	U	NA			NA			0.2	0.2	J	NA			NA		
DIELDRIN	0.6 θ	0.2		NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
GAMMA-BHC (LINDANE)	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
HEPTACHLOR	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
HEPTACHLOR EPOXIDE	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
HEXACHLOROBENZENE	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
MIREX	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-101 (2,2',3,5,5')	0.6	0.2		NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-105 (2,3,3',4,4')	0.3	0.2		NA			ND	0.1	U	NA			NA			0.1	0.2	J	NA			NA		
PCB-118 (2,3',4,4',5)	0.6	0.2		NA			0.2	0.1	J	NA			NA			ND	0.2	U	NA			NA		
PCB-126 (3,3',4,4',5)	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-128 (2,2',3,3',4,4')	0.2	0.2	J	NA			ND	0.1	U	NA			NA			0.2	0.2	J	NA			NA		
PCB-138 (2,2',3,4,4',5')	0.8	0.2	J	NA			ND	0.1	U	NA			NA			0.1	0.2	J	NA			NA		
PCB-153 (2,2',4,4',5,5')	0.6	0.2		NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.2	U	NA			ND	0.1	U	NA			NA			0.2	0.2	J	NA			NA		
PCB-18 (2,2',5)	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-180 (2,2',3,4,4',5,5')	0.3	0.2	J	NA			ND	0.1	U	NA			NA											
PCB-187 (2,2',3,4',5,5',6)	0.09	0.2	J	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-206 (2,2',3,3',4,4',5,5',	0.2	0.2	J	NA			ND	0.1	U	NA			NA			0.09	0.2	J	NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-28 (2,4,4')	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-44 (2,2',3,5')	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBI04			RADSBI04			RADSBI05			RADSBI06			RADSBI07			RADSBI08			RADSBI08			RADSBJ01		
Sample ID	281RADSSC01			281RADSSC02			281RADSS105			281RADSS106			281RADSS111			281RADSSC05			281RADSSC06			281RADSS132		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			08/22/95			08/22/95			08/22/95			07/27/95			07/27/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/Kg)																								
PCB-52 (2,2',5,5')	0.2	0.2	J	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-66 (2,3',4,4')	0.5	0.2		NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-77 (3,3',4,4')	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
PCB-8 (2,4')	ND	0.2	U	NA			ND	0.1	U	NA			NA			ND	0.2	U	NA			NA		
TRANS-NONACHLOR	0.6	0.2	J	NA			ND	0.1	U	NA			NA			0.4	0.2	J	NA			NA		
Pesticides/PCBs (in ug/Kg)																								
4,4'-DDD	NA			ND	11	U	NA			NA			NA			NA			ND	11	U	NA		
4,4'-DDE	NA			ND	11	U	NA			NA			NA			NA			ND	11	U	NA		
4,4'-DDT	NA			ND	11	U	NA			NA			NA			NA			ND	11	U	NA		
ALDRIN	NA			ND	5	U	NA			NA			NA			NA			ND	5	U	NA		
ALPHA-BHC	NA			ND	5	U	NA			NA			NA			NA			ND	5	U	NA		
ALPHA-CHLORDANE	NA			ND	5	U	NA			NA			NA			NA			ND	5	U	NA		
AROCLOR-1016	NA			ND	110	U	NA			NA			NA			NA			ND	110	U	NA		
AROCLOR-1221	NA			ND	220	U	NA			NA			NA			NA			ND	220	U	NA		
AROCLOR-1232	NA			ND	110	U	NA			NA			NA			NA			ND	110	U	NA		
AROCLOR-1242	NA			ND	110	U	NA			NA			NA			NA			ND	110	U	NA		
AROCLOR-1248	NA			ND	110	U	NA			NA			NA			NA			ND	110	U	NA		
AROCLOR-1254	NA			ND	110	U	NA			NA			NA			NA			ND	110	U	NA		
AROCLOR-1260	NA			ND	110	U	NA			NA			NA			NA			ND	110	U	NA		
BETA-BHC	NA			ND	6	U	NA			NA			NA			NA			ND	5	U	NA		
DELTA-BHC	NA			ND	6	U	NA			NA			NA			NA			ND	5	U	NA		
DIELDRIN	NA			ND	11	U	NA			NA			NA			NA			ND	11	U	NA		
ENDOSULFAN I	NA			ND	6	U	NA			NA			NA			NA			ND	5	U	NA		
ENDOSULFAN II	NA			ND	11	U	NA			NA			NA			NA			ND	11	U	NA		
ENDOSULFAN SULFATE	NA			ND	11	U	NA			NA			NA			NA			ND	11	U	NA		
ENDRIN	NA			ND	11	U	NA			NA			NA			NA			ND	11	U	NA		
ENDRIN ALDEHYDE	NA			ND	11	U	NA			NA			NA			NA			ND	11	U	NA		
ENDRIN KETONE	NA			ND	11	U	NA			NA			NA			NA			ND	11	U	NA		
GAMMA-BHC (LINDANE)	NA			ND	6	U	NA			NA			NA			NA			ND	5	U	NA		
GAMMA-CHLORDANE	NA			ND	6	U	NA			NA			NA			NA			ND	5	U	NA		
HEPTACHLOR	NA			ND	6	U	NA			NA			NA			NA			ND	5	U	NA		
HEPTACHLOR EPOXIDE	NA			ND	6	U	NA			NA			NA			NA			ND	5	U	NA		
METHOXYCHLOR	NA			ND	56	U	NA			NA			NA			NA			ND	54	U	NA		
TOXAPHENE	NA			ND	560	U	NA			NA			NA			NA			ND	540	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND, U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBI04			RADSBI04			RADSBI05			RADSBI06			RADSBI07			RADSBI08			RADSBI08			RADSEJ01		
Sample ID	281RADSS001			281RADSS002			281RADSS105			281RADSS106			281RADSS111			281RADSS005			281RADSS006			281RADSS132		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			08/22/95			08/22/95			08/22/95			07/27/95			07/27/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	25,100	5.2		17,900	10.8		25,600	4.7		12,500	6.9		29,400 Γ	6.6		6,410	5.5		18,800	10.5		12,200	3.5	
ANTIMONY	1.2	0.67	J	ND	1.4	UJ	1.2	0.61	J	2.5 #Γ	0.89	J	2.1 #Γ	0.85	J	ND	0.71	UJ	ND	1.4	UJ	0.71	0.45	J
ARSENIC	10.8 *#	0.89		ND	6.5	U	5.9 *	0.81		23.4 *#	1.2		17.8 *#	1.1		11.6 *#	0.94		25.6 *#Γ	1.8		6.0 *	0.60	
BARIUM	98.3	0.10		46.4	0.20		96.2	0.090		347 Γ	0.13		165	0.12		115	0.10		318 Γ	0.19		276	0.066	
BERYLLIUM	ND	0.030	U	ND	0.070	U	ND	0.030	U	ND	0.040	U	0.14 Γ	0.040		ND	0.030	U	ND	0.060	J	ND	0.020	U
CADMIUM	ND	0.060	U	ND	0.13	U	ND	0.060	U	ND	0.080	U	ND	0.080	U	ND	0.070	U	ND	0.13	J	ND	0.040	U
CALCIUM	3,470	4.6		10,400	9.6		4,470	4.2		8,990	6.1		4,260	5.8		28,100	4.8		41,000	9.3		4,850	3.1	
CHROMIUM	81.9 #Γ	0.57		63.2	1.2		80.7	0.52		40.9	0.76		82.6 #Γ	0.73		23.8	0.61		51.2	1.2		41.6	0.38	
COBALT	14.2	0.16		9.3	0.33		13.5	0.14		12.3	0.21		16.3	0.20		19.4	0.17		49.1 Γ	0.32		20.5	0.11	
COPPER	43.8 #	0.26		28.3	0.53		33.4	0.23		74.0 #Γ	0.34		59.8 #Γ	0.32		21.1	0.27		51.7 #	0.52		32.4	0.17	
IRON	38,200	5.0		14,500	10.4		35,100	4.5		33,300	5.7		47,000	5.3		25,800	5.3		58,600	10.1		22,900	3.3	
LEAD	51.7 #θ	0.48		ND	5.8	U	18.0	0.43	J	285 *#θΓ	0.64	J	63.7 #Γ	0.60	J	10.3	0.50		28.3	0.97		25.4	0.32	J
MAGNESIUM	13,000	5.2		17,000	10.9		13,800	4.7		16,000	7.0		14,400	5.6		6,840	5.5		15,300	10.6		7,560	3.5	
MANGANESE	276	0.19		165	0.40		304	0.17		317	0.25		293	0.24		2,030 Γ	0.20		6,300 *Γ	0.39		658	0.13	
MERCURY	ND	0.13	U	ND	0.17	U	ND	0.070	U	0.40 θΓ9	0.040		0.28 θΓ	0.040		ND	0.090	U	ND	0.17	U	4,070	0.020	
MOLYBDENUM	ND	0.29	U	5.2	0.60		ND	0.26	U	5.7 Γ	0.38		ND	1.0	U	ND	0.30	U	ND	0.58	U	ND	0.19	U
NICKEL	72.9 #θ	1.1		45.1 θ	2.2		69.2 #θ	0.95		57.6 #θ	1.4		82.1 #θ	1.3		54.6 #θ	1.1		115 #θΓ	2.1		73.4 #θ	0.70	
POTASSIUM	5,390	8.9	J	6,500	18.5	J	5,340	8.0	J	7,180	11.8	J	7,370	11.2	J	1,950	9.3	J	4,890	17.9	J	3,660	5.9	J
SELENIUM	ND	1.1	U	ND	2.3	U	ND	0.98	U	ND	1.4	U	ND	1.4	U	ND	1.1	U	ND	2.2	U	ND	0.72	U
SILVER	ND	0.19	U	ND	0.40	U	ND	0.17	U	0.84 Γ	0.25		ND	0.24	U	ND	0.20	U	ND	0.39	U	ND	0.13	U
SODIUM	12,200	40.8	J	49,600	85.0	J	12,600	36.9	J	51,500	54.3	J	17,500	51.6	J	3,340	43.0	J	11,200	82.5	J	283	27.3	J

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

9 = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBI04			RADSBI04			RADSBI05			RADSBI06			RADSBI07			RADSBI08			RADSBI08			RADSBJ01		
Sample ID	281RADSS001			281RADSS002			281RADSS105			281RADSS106			281RADSS111			281RADSS005			281RADSS006			281RADSS132		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/27/95			07/27/95			08/22/95			08/22/95			08/22/95			07/27/95			07/27/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.50 - 2.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.64	U	ND	1.3	U	ND	0.58	U	ND	0.85	U	ND	0.81	U	ND	0.67	J	5.4 Γ	1.3		ND	0.42	U
VANADIUM	79.2	0.19		65.0	0.40		70.3	0.17		71.1	0.25		86.3 Γ	0.24		40.3	0.20		84.8	0.39		50.6	0.12	
ZINC	111	0.10		74.8	0.20		104	0.090		87.3	0.13		215 #Γσ	0.12		67.8	0.10		188 #Γσ	0.19		75.7	0.060	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	ND	50.0	UJ	NA			NA			NA			NA			ND	50.0	UJ	NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	ND	15.7	U	ND	32.9	U	ND	13.7	U	NA			NA			100	1.0		ND	33.3	U	NA		
TOTAL ORGANIC CARBON	13,300	100		323,000	100		22,800	100	J	NA			NA			6,200	100		141,000	100		NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	17.0			NA			19.6			NA			NA			16.9			NA			NA		
Miscellaneous																								
PH	4.9			5.2			5			4.5			4.3			7.8			7.6			6.5		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBJ01			RADSBJ02			RADSBJ02			RADSBJ03			RADSBJ04			RADSBJ06			RADSBJ07			RADSBJ08		
Sample ID	281RADSS081			281RADSS082			281RADSS083			281RADSS142			281RADSS138			281RADSS107			281RADSS108			281RADSS143		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			08/23/95			08/28/95			08/23/95			08/22/95			08/22/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.00 - 2.20			4.70 - 6.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/kg)																								
1,1,1-TRICHLOROETHANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
2-BUTANONE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
2-HEXANONE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
ACETONE	NA			ND	12	U	ND	34	U	NA			NA			NA			NA			NA		
BENZENE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
BROMOFORM	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
BROMOMETHANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			ND	12	U	[illegible]	13	U	NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
CHLOROETHANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
CHLOROFORM	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			ND	18	U	ND	16	U	NA			NA			NA			NA			NA		
STYRENE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
TOLUENE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
TRANS-1,3-DICHLOROPROPENE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			ND	12	U	ND	13	U	NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al, 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBJ02			RADSBJ02			RADSBJ02			RADSBJ03			RADSBJ04			RADSBJ06			RADSBJ07			RADSBJ08		
Sample ID	281RADSS081			281RADSS082			281RADSS083			281RADSS142			281RADSS138			281RADSS107			281RADSS108			281RADSS143		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			08/23/95			08/28/95			08/28/95			08/22/95			08/22/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			1.00 - 2.20			4.70 - 6.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
1,2,4-TRICHLOROBENZENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
1,2-DICHLOROBENZENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
1,3-DICHLOROBENZENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
1,4-DICHLOROBENZENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
1-METHYLNAPHTHALENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
1-METHYLPHENANTHRENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2,4,5-TRICHLOROPHENOL	ND	99	U	NA			NA			ND	580	U	NA			NA			ND	220	U	NA		
2,4,6-TRICHLOROPHENOL	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2,4-DICHLOROPHENOL	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2,4-DIMETHYLPHENOL	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2,4-DINITROPHENOL	ND	99	U	NA			NA			ND	580	U	NA			NA			ND	220	U	NA		
2,4-DINITROTOLUENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2,6-DIMETHYLNAPHTHALENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2,6-DINITROTOLUENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2-CHLORONAPHTHALENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2-CHLOROPHENOL	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2-METHYLNAPHTHALENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2-METHYLPHENOL	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
2-NITROANILINE	ND	99	U	NA			NA			ND	580	U	NA			NA			ND	220	U	NA		
2-NITROPHENOL	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
3,3'-DICHLOROBENZIDINE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
3-NITROANILINE	ND	99	U	NA			NA			ND	580	U	NA			NA			ND	220	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	99	U	NA			NA			ND	580	U	NA			NA			ND	220	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
4-CHLORO-3-METHYLPHENOL	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
4-CHLOROANILINE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
4-METHYLPHENOL	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
4-NITROANILINE	ND	99	U	NA			NA			ND	580	U	NA			NA			ND	220	U	NA		
4-NITROPHENOL	ND	99	UJ	NA			NA			ND	580	U	NA			NA			ND	220	U	NA		
ACENAPHTHENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 332

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBJ02			RADSBJC2			RADSBJC2			RADSBJ03			RADSBJC4			RADSBJ06			RADSBJ07			RADSBJC8		
Sample ID	281RADSS081			281RADSS082			281RADSS083			281RADSS142			281RADSS138			281RADSS107			281RADSS108			281RADSS143		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			08/23/95			08/28/95			08/28/95			08/22/95			08/22/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			1.00 - 2.20			4.70 - 6.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
ACENAPHTHYLENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
ANTHRACENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BENZO(A)ANTERACENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BENZO(A)PYRENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BENZO(B)FLUORANTHENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BENZO(E)PYRENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BENZO(G,H,I)PERYLENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BENZO(K)FLUORANTHENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BENZOIC ACID	68	99	J	NA			NA			410	580	J	NA			NA			ND	220	U	NA		
BENZYL ALCOHOL	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
BUTYLBENZYLPHTHALATE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
CARBAZOLE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
CHRYSENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
DI-N-BUTYLPHTHALATE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
DI-N-OCTYLPHTHALATE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
DIBENZ(A,H)ANTERACENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
DIBENZOFURAN	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
DIBENZOTHIOPHENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
DIETHYLPHTHALATE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
DIMETHYLPHTHALATE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
FLUORANTHENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
FLUORENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
HEXACHLOROBENZENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
HEXACHLOROBUTADIENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
HEXACHLOROCYCLOPENTADIENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
HEXACHLOROETHANE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
INDENO(1,2,3-CD)PYRENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
ISOPHORONE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
N-NITROSODIPHENYLAMINE (1)	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
NAPHTHALENE	ND	40	U	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Ξ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBJ02			RADSBJ02			RADSBJ02			RADSBJ03			RADSBJ04			RADSBJ06			RADSBJ07			RADSBJ08		
Sample ID	281RADSS081			281RADSS082			281RADSSC83			281RADSS142			281RADSS138			281RADSS107			281RADSS108			281RADSS143		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			08/23/95			08/28/95			08/28/95			08/22/95			08/22/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			2.00 - 2.20			4.70 - 6.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	40	J	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
PENTACHLOROPHENOL	ND	99	J	NA			NA			ND	580	U	NA			NA			ND	220	U	NA		
PERYLENE	ND	40	J	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
PHENANTHRENE	ND	40	J	NA			NA			ND	230	U	NA			NA			ND	88	U	NA		
PHENOL	ND	40	J	NA			NA			ND	230	J	NA			NA			ND	88	U	NA		
PYRENE	ND	40	J	NA			NA			ND	230	J	NA			NA			ND	88	U	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			ND	1,000	U	ND	1,100	U	NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			ND	1,000	U	ND	1,100	U	NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
2-NITROANILINE	NA			ND	1,000	U	ND	1,100	U	NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
3-NITROANILINE	NA			ND	1,000	U	ND	1,100	U	NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			ND	1,000	U	ND	1,100	U	NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
4-NITROANILINE	NA			ND	1,000	U	ND	1,100	U	NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

ŧ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Ŧ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CCCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBJ02			RADSBJ02			RADSBJ02			RADSBJ03			RADSBJ04			RADSBJ05			RADSBJ07			RADSBJ08		
Sample ID	281RADSS081			281RADSS082			281RADSS083			281RADSS142			281RADSS138			281RADSS107			281RADSS108			281RADSS143		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			08/23/95			08/28/95			08/28/95			08/22/95			08/22/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			1.00 - 2.20			4.70 - 6.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/Kg)																								
4-NITROPHENOL	NA			ND	1,000	U	ND	1,100	U	NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
ANTHRACENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
CARBAZOLE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
CHRYSENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
FLUORANTHENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
FLUORENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
ISOPHORONE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
NAPHTHALENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
NITROBENZENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			ND	1,000	U	ND	1,100	U	NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBJ02			RADSBJ02			RADSBJ02			RADSBJ03			RADSBJ04			RADSBJ06			RADSBJ07			RADSBJ08		
Sample ID	281RADSS081			281RADSS082			281RADSS083			281RADSS142			281RADSS138			281RADSS107			281RADSS108			281RADSS143		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			08/23/95			08/28/95			08/28/95			08/22/95			08/22/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			1.00 - 2.20			4.70 - 5.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHRENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
PHENOL	NA			470	400	U	ND	430	U	NA			NA			NA			NA			NA		
PYRENE	NA			ND	400	U	ND	430	U	NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in ng/Kg)																								
2,4'-DDD	0.4	0.2		NA			NA			0.6	0.1		NA			NA			0.5	0.2		NA		
2,4'-DDE	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			0.3	0.2		NA		
2,4'-DDT	1	0.2		NA			NA			0.2	0.1		NA			NA			0.4	0.2		NA		
4,4'-DDD	0.8	0.2		NA			NA			1	0.1		NA			NA			0.9	0.2		NA		
4,4'-DDE	2	0.2		NA			NA			0.6	0.1		NA			NA			0.7	0.2		NA		
4,4'-DDT	11 #θ	0.2		NA			NA			0.6	0.1		NA			NA			2 θ	0.2		NA		
ALDRIN	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	U	NA		
ALPHA-CHLORDANE	ND	0.2	U	NA			NA			0.2	0.1		NA			NA			0.2	0.2		NA		
DIELDRIN	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			0.4 θ	0.2		NA		
GAMMA-BHC (LINDANE)	ND	0.2	U	NA			NA			0.6	0.1		NA			NA			ND	0.1	U	NA		
HEPTACHLOR	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.3	U	NA		
HEPTACHLOR EPOXIDE	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	U	NA		
HEXACHLOROBENZENE	0.6	0.2		NA			NA			0.6	0.1		NA			NA			0.5	0.2		NA		
MIREX	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			0.3	0.2		NA		
PCB-101 (2,2',3,5,5')	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			0.2	0.2		NA		
PCB-105 (2,3,3',4,4')	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			0.2	0.2		NA		
PCB-118 (2,3',4,4',5)	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-126 (3,3',4,4',5)	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			2	0.2		NA		
PCB-128 (2,2',3,3',4,4')	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-138 (2,2',3,4,4',5')	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-153 (2,2',4,4',5,5')	ND	0.2	U	NA			NA			ND	0.1	J	NA			NA			0.1	0.2	J	NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.2	U	NA			NA			ND	0.1	J	NA			NA			ND	0.1	U	NA		
PCB-18 (2,2',5)	ND	0.2	U	NA			NA			ND	0.1	J	NA			NA			ND	0.2	U	NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.2	U	NA			NA			ND	0.1	J	NA			NA			ND	0.1	U	NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-206 (2,2,',3,3',4,4',5,5',	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			0.2	0.2		NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-28 (2,4,4')	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	U	NA		
PCB-44 (2,2',3,5')	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBJ02			RADSBJ02			RADSBJ02			RADSBJ03			RADSBJ04			RADSBJ06			RADSBJ07			RADSBJ08		
Sample ID	281RADSS081			281RADSS082			281RADSS083			281RADSS142			281RADSS138			281RADSS107			281RADSS108			281RADSS143		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			08/23/95			08/28/95			08/28/95			08/22/95			08/22/95			08/23/95		
Sample Depth (in feet)	0.00 - 0.50			1.00 - 2.20			4.70 - 5.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-52 (2,2',5,5')	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			ND	0.1	J	NA		
PCB-66 (2,3',4,4')	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			0.2	0.2		NA		
PCB-77 (3,3',4,4')	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			1	0.2		NA		
PCB-8 (2,4')	0.8	0.2		NA			NA			0.9	0.1		NA			NA			1	0.2		NA		
TRANS-NONACHLOR	ND	0.2	U	NA			NA			ND	0.1	U	NA			NA			0.2	0.2		NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			ND	4	U	ND	4	U	NA			NA			NA			NA			NA		
4,4'-DDE	NA			ND	4	U	ND	4	U	NA			NA			NA			NA			NA		
4,4'-DDT	NA			ND	4	U	ND	4	U	NA			NA			NA			NA			NA		
ALDRIN	NA			ND	2	U	ND	2	U	NA			NA			NA			NA			NA		
ALPHA-BHC	NA			ND	2	U	ND	2	U	NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			ND	2	U	ND	2	U	NA			NA			NA			NA			NA		
AROCLOR-1016	NA			ND	40	U	ND	43	U	NA			NA			NA			NA			NA		
AROCLOR-1221	NA			ND	80	U	ND	87	U	NA			NA			NA			NA			NA		
AROCLOR-1232	NA			ND	40	U	ND	43	U	NA			NA			NA			NA			NA		
AROCLOR-1242	NA			ND	40	U	ND	43	U	NA			NA			NA			NA			NA		
AROCLOR-1248	NA			ND	40	U	ND	43	U	NA			NA			NA			NA			NA		
AROCLOR-1254	NA			ND	40	U	ND	43	U	NA			NA			NA			NA			NA		
AROCLOR-1260	NA			ND	40	U	ND	43	U	NA			NA			NA			NA			NA		
BETA-BHC	NA			ND	2	U	ND	2	U	NA			NA			NA			NA			NA		
DELTA-BHC	NA			ND	2	U	ND	2	U	NA			NA			NA			NA			NA		
DIELDRIN	NA			ND	4	U	ND	4	U	NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			ND	2	U	ND	2	U	NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			ND	4	U	ND	4	U	NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			ND	4	U	ND	4	U	NA			NA			NA			NA			NA		
ENDRIN	NA			ND	4	U	ND	4	U	NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			ND	4	U	ND	4	U	NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			ND	4	U	ND	4	U	NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			ND	2	U	ND	2	U	NA			NA			NA			NA			NA		
GAMMA-CHLORDANE	NA			ND	2	U	ND	2	U	NA			NA			NA			NA			NA		
HEPTACHLOR	NA			ND	2	U	ND	2	U	NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			ND	2	U	ND	2	U	NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			ND	20	U	ND	22	U	NA			NA			NA			NA			NA		
TOXAPHENE	NA			ND	200	U	ND	220	U	NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

^ = Detected concentrations greater than the ambient metals concentrations in soils.

~ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 231, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBJ02			RADSBJC2			RADSBJ02			RADSBJ03			RADSBJ04			RADSBJ06			RADSBJ07			RADSBJ08		
Sample ID	281RADSS081			281RADSS082			281RADSS083			281RADSS142			281RADSS138			281RADSS107			281RADSS108			281RADSS143		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/22/95			08/23/95			08/28/95			08/28/95			08/22/95			08/22/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			1.00 - 2.20			4.70 - 6.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in ug/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	13,000	3.8		19,900	3.9		16,600	4.3		14,500	4.7	J	30,400 *r	4.2	J	25,000	4.9		25,900	4.6		13,900	4.2	
ANTIMONY	ND	0.74	U	ND	1.0	UJ	ND	0.55	UJ	0.97	0.61		2.7 8r	0.54		0.78	0.63	J	1.4	0.59	J	1.9 r	0.54	J
ARSENIC	5.7 *	0.65		6.6 *	0.68		2.3 *	0.73		10.9 *8	0.81		42.8 *8r8	0.72		9.6 *8	0.84		13.5 *8	0.78		11.8 *8	0.72	
BARIUM	63.8	0.070		79.9	0.070		114	0.080		79.4	0.090		82.4	0.080		108	0.090		67.9	0.080		173	0.080	
BERYLLIUM	ND	0.020	U	ND	0.020	U	ND	0.19	U	0.15 *r	0.030		0.26 *r	0.030		ND	3.0	U	0.34 *r	0.030		ND	0.030	U
CADMIUM	ND	0.050	U	ND	0.050	U	ND	0.050	U	ND	0.060	J	ND	0.050	U	ND	0.060	U	ND	0.060	U	0.55 r	0.050	
CALCIUM	3,520	3.3		3,680	3.5		2,040	3.8		5,990	4.2		2,160	3.7		4,000	4.3		3,750	4.0		5,130	3.7	
CHROMIUM	52.2	0.42	J	69.2	0.43	J	40.3	0.47	J	69.1	0.52		62.9	0.47		88.2 8r	0.54		74.8	0.50		38.3	0.46	
COBALT	11.5	0.12		12.6	0.12		5.7	0.13		11.1	0.14		13.2	0.13		13.3	0.15		10.7	0.14		22.9	0.13	
COPPER	18.5	0.18	J	23.5	0.19	J	26.2	0.21	J	34.5 8	0.23		75.7 8r	0.21		39.6 8	0.24		70.4 8r	0.22		47.5 8	0.21	
IRON	25,500	3.6		31,900	3.8		19,800	4.1		25,700	4.5		25,500	4.1		40,000	4.7		28,500	4.4		27,200	4.0	
LEAD	7.8	0.35		7.7	0.36		9.6	0.39		19.3	0.43		196 *8r8	0.39		14.6	0.45	J	45.3	0.42	J	86.2 8r8	0.39	
MAGNESIUM	10,100	3.8		12,200	4.0		5,590	4.3		8,420	4.7		6,210	4.2		14,200	4.9		10,300	4.6		10,100	4.2	
MANGANESE	297	0.14		318	0.14		1,450 r	0.16		264	0.17	J	177	0.15	J	385	0.18		257	0.17		908 r	0.15	J
MERCURY	0.060	0.060		0.070	0.070		0.070	0.070		0.12	0.080		0.19 8	0.080		ND	0.070	U	0.20 8	0.080		0.17 8	0.080	U
MOLYBDENUM	ND	0.21	U	ND	0.22	U	ND	0.23	U	4.3	0.26		5.2	0.23		ND	0.35	U	2.2	0.25		ND	0.76	U
NICKEL	51.8 #8	0.76		60.9 #8	0.80		31.5 8	0.86		54.1 #8	0.95		126 #8r	0.85		69.8 #8	0.99		74.5 #8	0.92		76.0 #8	0.85	
POTASSIUM	2,720	6.4	J	3,700	6.7	J	6,150	7.2	J	4,410	8.0	J	4,820	7.2	J	5,300	8.3	J	5,750	7.8	J	4,290	7.2	J
SELENIUM	ND	0.78	U	ND	0.82	U	ND	0.89	U	ND	0.98	U	ND	0.88	U	ND	1.0	U	ND	0.95	U	ND	0.88	U
SILVER	ND	0.14	U	ND	0.14	U	ND	0.16	U	ND	0.17	U	0.29 r	0.16		ND	0.18	U	ND	0.17	U	ND	0.15	U
SODIUM	4,950	29.5	J	7,110	30.9	J	8,200	33.4	J	26,100	36.9		7,920	33.0		5,100	38.3	J	10,200	35.7	J	8,960	33.0	

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

8 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

r = Detected concentrations greater than the ambient metals concentrations in soils.

w = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBJ02			RADSBJ02			RADSBJ02			RADSBJ03			RADSBJ04			RADSBJ06			RADSBJ07			RADSBJ08		
Sample ID	281RADSS081			281RADSS082			281RADSS083			281RADSS142			281RADSS138			281RADSS107			281RADSS108			281RADSS143		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/23/95			08/23/95			08/28/95			08/28/95			08/22/95			08/22/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			1.00 - 2.20			4.70 - 6.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.46	U	ND	0.48	U	0.74	0.52		ND	0.58	U	ND	0.52	U	ND	0.60	U	ND	0.56	U	ND	0.52	U
VANADIUM	47.4	0.14		62.0	0.14		63.6	0.16		57.1	0.17		79.3	0.16		75.3	0.18		72.7	0.17		81.8	0.15	
ZINC	61.5	0.070		74.3	0.070		62.0	0.080		70.1	0.090		95.8	0.080		115	0.090		100	0.080		249 eFα	0.080	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	ND	50.0	UJ	NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	ND	11.7	UJ	ND	10.1	UJ	ND	12.6	UJ	ND	13.7	U	NA			NA			ND	13.0	U	NA		
TOTAL ORGANIC CARBON	8,050	100		ND	104	U	1,730	100		17,100	100		NA			NA			23,500	100	J	NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	17.0			NA			NA			29.0			NA			NA			25.0			NA		
Miscellaneous																								
PH	4.6			4.7			8.5			4.7			4.6			7.1			5.1			6.5		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBK01			RADSBK02			RADSBK03			RADSBK04			RADSBK07			RADSBK08			RADSBK08			RADSBL03		
Sample ID	281RADSS140			281RADSS141			281RADSS137			281RADSS139			281RADSS110			281RADSS008			281RADSS009			281RADSS144		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			08/28/95			08/28/95			08/28/95			08/22/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
ACETONE	NA			NA			NA			NA			NA			NA			ND	15	U	NA		
BENZENE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
STYRENE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
TOLUENE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			ND	12	U	NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			ND	12	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBK01			RADSBK02			RADSBK03			RADSBK04			RADSBK07			RADSBK08			RADSBK08			RADSBL03		
Sample ID	281RADSS140			281RADSS141			281RADSS137			281RADSS139			281RADSS110			281RADSS008			281RADSS009			281RADSS144		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			08/28/95			08/28/95			08/28/95			06/22/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
1,2,4-TRICHLOROBENZENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
1,2-DICHLOROBENZENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
1,3-DICHLOROBENZENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
1,4-DICHLOROBENZENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
1-METHYLNAPHTHALENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
1-METHYLPHENANTHRENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2,3,5-TRIMETHYLNAPHTHALENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2,4,5-TRICHLOROPHENOL	NA			ND	86	U	ND	210	U	NA			ND	96	U	ND	200	U	NA			ND	87	U
2,4,6-TRICHLOROPHENOL	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2,4-DICHLOROPHENOL	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2,4-DIMETHYLPHENOL	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2,4-DINITROPHENOL	NA			ND	86	U	ND	210	U	NA			ND	96	U	ND	200	U	NA			ND	87	U
2,4-DINITROTOLUENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2,6-DIMETHYLNAPHTHALENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2,6-DINITROTOLUENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2-CHLORONAPHTHALENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2-CHLOROPHENOL	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2-METHYLNAPHTEALENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2-METHYLPHENOL	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
2-NITROANILINE	NA			ND	86	U	ND	210	U	NA			ND	96	U	ND	200	U	NA			ND	87	U
2-NITROPHENOL	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
3,3'-DICHLOROBENZIDINE	NA			ND	34	UJ	ND	85	UJ	NA			ND	39	U	ND	78	U	NA			ND	35	U
3-NITROANILINE	NA			ND	86	UJ	ND	210	UJ	NA			ND	96	U	ND	200	U	NA			ND	87	U
4,6-DINITRO-2-METHYLPHENOL	NA			ND	86	U	ND	210	U	NA			ND	96	U	ND	200	U	NA			ND	87	U
4-BROMOPHENYL-PHENYLETHER	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
4-CHLORO-3-METHYLPHENOL	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
4-CHLOROANILINE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
4-CHLOROPHENYL-PHENYLETHER	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
4-METHYLPHENOL	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
4-NITROANILINE	NA			ND	86	UJ	ND	210	UJ	NA			ND	96	U	ND	200	U	NA			ND	87	U
4-NITROPHENOL	NA			ND	86	U	ND	210	U	NA			ND	96	U	ND	200	U	NA			ND	87	U
ACENAPHTHENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBK01			RADSBK02			RADSBK03			RADSBK04			RADSBK07			RADSBK08			RADSBK08			RADSBL03		
Sample ID	281RADSS140			281RADSS141			281RADSS137			281RADSS139			281RADSS110			281RADSS008			281RADSS009			281RADSS144		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			08/28/95			08/28/95			08/28/95			08/22/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
ACENAPHTHYLENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
ANTHRACENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
BENZO(A)ANTHRACENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	12	78	J	NA			26	35	J
BENZO(A)PYRENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	13	78	J	NA			28	35	J
BENZO(B)FLUORANTHENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	17	78	J	NA			41	35	
BENZO(E)PYRENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			20	35	J
BENZO(G,H,I)PERYLENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	15	78	J	NA			27	35	J
BENZO(K)FLUORANTHENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	11	78	J	NA			33	35	J
BENZOIC ACID	NA			ND	86	U	ND	210	U	NA			ND	96	U	ND	200	UJ	NA			ND	87	U
BENZYL ALCOHOL	NA			ND	34	UJ	ND	85	UJ	NA			ND	39	U	ND	78	U	NA			ND	35	U
BIS(2-CHLOROETHOXY)METHANE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
BIS(2-CHLOROETYL)ETHER	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	55	U	ND	85	U	NA			87	39		ND	78	U	NA			ND	35	U
BUTYLBENZYLPHTHALATE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
CARBAZOLE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
CHRYSENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	13	78	J	NA			48	35	
DI-N-BUTYLPHTHALATE	NA			ND	40	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
DI-N-OCTYLPHTHALATE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
DIBENZ(A,H)ANTHRACENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	10	78	J	NA			ND	35	U
DIBENZOFURAN	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
DIBENZOTHIOPHENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
DIETHYLPHTHALATE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
DIMETHYLPHTHALATE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
FLUORANTHENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			34	35	J
FLUORENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
HEXACHLOROBENZENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
HEXACHLOROBUTADIENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
HEXACHLOROCYCLOPENTADIENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
HEXACHLOROETHANE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
INDENO(1,2,3-CD)PYRENE	NA			ND	36	U	ND	85	U	NA			ND	39	U	12	78	J	NA			22	35	J
ISOPHORONE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
N-NITROSODIPHENYLAMINE (1)	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U
NAPHTHALENE	NA			ND	34	U	ND	85	U	NA			ND	39	U	ND	78	U	NA			ND	35	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBK01			RADSBK02			RADSBK03			RADSBK04			RADSBK07			RADSBK08			RADSBK08			RADSBL03		
Sample ID	281RADSS140			281RADSS141			281RADSS137			281RADSS139			281RADSS110			281RADSS008			281RADSS009			281RADSS144		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			08/28/95			08/28/95			08/28/95			08/22/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	NA			ND	34	U	ND	85	U	NA			ND	39	J	ND	78	U	NA			ND	35	U
PENTACHLOROPHENOL	NA			ND	86	U	ND	210	U	NA			ND	96	J	ND	200	U	NA			ND	87	U
PERYLENE	NA			ND	34	U	ND	85	U	NA			ND	39	J	ND	78	U	NA			ND	35	U
PHENANTHRENE	NA			ND	34	U	ND	85	U	NA			ND	39	J	ND	78	U	NA			ND	35	U
PHENOL	NA			ND	34	U	ND	85	U	NA			ND	39	J	ND	78	U	NA			ND	35	U
PYRENE	NA			ND	34	U	ND	85	U	NA			ND	39	J	ND	78	U	NA			30	35	J
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	1,000	U	NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			ND	1,000	U	NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			ND	1,000	U	NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			ND	1,000	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	1,000	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			ND	1,000	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBK01			RADSBK02			RADSBK03			RADSBK04			RADSBK07			RADSBK08			RADSBK08			RADSBL03		
Sample ID	281RADSS140			281RADSS141			281RADSS137			281RADSS139			281RADSS110			281RADSS006			281RADSS009			281RADSS144		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			08/28/95			08/28/95			08/28/95			08/22/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			ND	1,000	U	NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
FLUORENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	1,000	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND: U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBK01			RADSBK02			RADSBK03			RADSBK04			RADSBK07			RADSBK08			RADSBK09			RADSBL03		
Sample ID	281RADSS140			281RADSS141			281RADSS137			281RADSS139			281RADSS110			281RADSS008			281RADSS009			281RADSS144		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			08/28/95			08/28/95			08/28/95			08/22/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENANTHRENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
PHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
PYRENE	NA			NA			NA			NA			NA			NA			ND	410	U	NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			ND	0.1	U	ND	0.1	U	NA			2	0.5		ND	0.1	J	NA			ND	0.2	U
2,4'-DDE	NA			ND	0.1	U	0.3	0.1		NA			0.5	0.5		ND	0.1	J	NA			3.6	0.2	
2,4'-DDT	NA			ND	0.1	U	0.3	0.1		NA			4	0.5		0.3	0.1		NA			1	0.2	
4,4'-DDD	NA			ND	0.1	U	0.3	0.1		NA			4.8	0.5		ND	0.2	J	NA			0.5	0.2	
4,4'-DDE	NA			ND	0.1	U	0.6	0.1		NA			2	0.5		1	0.1		NA			5.8	0.2	
4,4'-DDT	NA			ND	0.1	U	0.6	0.1		NA			14 #0	0.5		ND	1	J	NA			8 #0	0.2	
ALDRIN	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	J	NA			ND	0.2	U
ALPHA-CHLORDANE	NA			ND	0.1	U	ND	0.1	U	NA			0.7 0	0.5		ND	0.1	J	NA			0.6 0	0.2	
DIELDRIN	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	J	NA			ND	0.2	U
GAMMA-BHC (LINDANE)	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	J	NA			ND	0.2	U
HEPTACHLOR	NA			ND	0.3	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	J	NA			ND	0.2	U
HEPTACHLOR EPOXIDE	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	J	NA			ND	0.2	U
HEXACHLOROBENZENE	NA			ND	0.1	U	0.3	0.1		NA			ND	0.5	U	ND	0.1	U	NA			ND	0.2	U
MIREX	NA			ND	0.1	U	ND	0.1	U	NA			0.4	0.5	J	ND	0.1	U	NA			ND	0.2	U
PCB-101 (2,2',3,5,5')	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	U	NA			0.7	0.2	
PCB-105 (2,3,3',4,4')	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	U	NA			1	0.2	
PCB-118 (2,3',4,4',5)	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	U	NA			1	0.2	
PCB-126 (3,3',4,4',5)	NA			ND	0.1	U	ND	0.1	U	NA			0.4	0.5	J	ND	0.1	U	NA			ND	0.2	U
PCB-128 (2,2',3,3',4,4')	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	U	NA			0.5	0.2	
PCB-138 (2,2',3,4,4',5')	NA			ND	0.1	U	ND	0.1	U	NA			0.5	0.5		ND	0.1	U	NA			2	0.2	
PCB-153 (2,2',4,4',5,5')	NA			ND	0.1	U	ND	0.1	U	NA			0.3	0.5	J	0.1	0.1	J	NA			2	0.2	
PCB-170 (2,2',3,3',4,4',5)	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	U	NA			0.9	0.2	
PCB-18 (2,2',5)	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	U	NA			ND	0.2	U
PCB-180 (2,2',3,4,4',5,5')	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	0.2	0.1	J	NA			2	0.2	
PCB-187 (2,2',3,4',5,5',6)	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	0.09	0.1	J	NA			0.8	0.2	
PCB-195 (2,2',3,3',4,4',5,6)	NA			ND	0.1	U	0.2	0.1		NA			ND	0.5	U	ND	0.1	U	NA			ND	0.2	U
PCB-206 (2,2,',3,3',4,4',5,5',	NA			ND	0.1	U	ND	0.1	U	NA			0.5	0.5		0.05	0.1	J	NA			1	0.2	
PCB-209 (2,2',3,3',4,4',5,5',6	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	U	NA			0.4	0.2	
PCB-28 (2,4,4')	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	U	NA			ND	0.2	U
PCB-44 (2,2',3,5')	NA			ND	0.1	UJ	ND	0.1	UJ	NA			ND	0.5	U	ND	0.1	U	NA			ND	0.2	U

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

0 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

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Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBK01			RADSBK02			RADSBK03			RADSBK04			RADSBK07			RADSBK08			RADSBK08			RADSBL03		
Sample ID	281RADSS140			281RADSS141			281RADSS137			281RADSS139			281RADSS110			281RADSS008			281RADSS009			281RADSS144		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			08/28/95			08/28/95			08/28/95			08/22/95			07/27/95			07/27/95			08/29/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/Kg)																								
PCB-52 (2,2',5,5')	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	J	NA			ND	0.2	J
PCB-66 (2,3',4,4')	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	J	NA			1	0.2	
PCB-77 (3,3',4,4')	NA			0.08	0.1	J	ND	0.1	U	NA			ND	0.5	U	ND	0.1	J	NA			0.4	0.2	
PCB-8 (2,4')	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.5	U	ND	0.1	J	NA			ND	0.2	U
TRANS-NONACHLOR	NA			0.2	0.1		ND	0.1	U	NA			0.6	0.5		0.2	0.1	J	NA			1	0.2	
Pesticides/PCBs (in ug/Kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			ND	4	U	NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			ND	4	U	NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			ND	4	U	NA		
ALDRIN	NA			NA			NA			NA			NA			NA			ND	2	U	NA		
ALPHA-BHC	NA			NA			NA			NA			NA			NA			ND	2	U	NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			ND	2	U	NA		
AROCLOR-1016	NA			NA			NA			NA			NA			NA			ND	41	U	NA		
AROCLOR-1221	NA			NA			NA			NA			NA			NA			ND	82	U	NA		
AROCLOR-1232	NA			NA			NA			NA			NA			NA			ND	41	U	NA		
AROCLOR-1242	NA			NA			NA			NA			NA			NA			ND	41	U	NA		
AROCLOR-1248	NA			NA			NA			NA			NA			NA			ND	41	U	NA		
AROCLOR-1254	NA			NA			NA			NA			NA			NA			ND	41	U	NA		
AROCLOR-1260	NA			NA			NA			NA			NA			NA			ND	41	U	NA		
BETA-BHC	NA			NA			NA			NA			NA			NA			ND	2	U	NA		
DELTA-BHC	NA			NA			NA			NA			NA			NA			ND	2	U	NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			ND	4	U	NA		
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			ND	2	U	NA		
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			ND	4	U	NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			ND	4	U	NA		
ENDRIN	NA			NA			NA			NA			NA			NA			ND	4	U	NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			ND	4	U	NA		
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			ND	4	U	NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			ND	2	U	NA		
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			ND	2	U	NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			ND	2	U	NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			ND	2	U	NA		
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			ND	21	U	NA		
TOXAPHENE	NA			NA			NA			NA			NA			NA			ND	210	U	NA		

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R Area Disposal Site (Site 2)

Point ID	RADSBK01			RADSBK02			RADSBK03			RADSBK04			RADSBK07			RADSBK08			RADSBK08			RADSBL03		
Sample ID	281RADSS140			281RADSS141			281RADSS137			281RADSS139			281RADSS110			281RADSS008			281RADSS009			281RADSS144		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			08/28/95			08/28/95			08/28/95			08/22/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	20,800	3.4	J	11,200	3.4	J	14,400	3.9	J	20,100	3.6	J	22,300	3.8	J	14,200	3.8	J	15,200	4.0	J	9,650	3.6	J
ANTIMONY	1.6	0.44	J	0.62	0.43	J	0.99	0.50	J	1.9 Γ	0.46	J	1.2	0.49	J	0.84	0.49	J	0.94	0.52	J	1.0	0.47	J
ARSENIC	6.8 *	0.58		4.2 *	0.58		7.9 *	0.66		12.8 *θ	0.62		5.4 *	0.66		7.4 *	0.65		2.1 *	0.69		7.2 *	0.53	
BARIUM	277	0.060		229	0.060		67.1	0.070		522	0.070		213	0.070		203	0.070		276	0.070		91.1	0.070	
BERYLLIUM	ND	0.020	U	0.23 *Γ	0.020		ND	0.020	U	ND	0.040	U	ND	0.020	U	ND	0.020	U	ND	0.060	U	ND	0.050	U
CADMIUM	ND	0.040	U	ND	0.040	U	ND	0.050	U	ND	0.040	U	ND	0.050	U	ND	0.050	U	ND	0.050	U	ND	0.040	U
CALCIUM	6,120	3.0		22,800	3.0		7,060	3.4		4,300	3.2		5,670	3.4		12,500	3.3		20,500	3.5		27,900	3.2	
CHROMIUM	65.3	0.38		181	0.37		66.2	0.43		72.6	0.40		39.4	0.42		34.3	0.42		38.1	0.44		33.7	0.40	
COBALT	20.4	0.10		15.4	0.10		14.3	0.12		18.7	0.11		20.0	0.12		16.2	0.12		16.8	0.12		12.5	0.11	
COPPER	40.3 θ	0.17		18.5	0.16		29.4	0.19		46.7 θ	0.18		51.0 θ	0.19		42.9 θ	0.19		34.1 θ	0.20		29.9	0.18	
IRON	33,100	3.3		20,700	3.2		23,400	3.7		40,600	3.5		39,400	3.7		24,400	3.6		23,200	3.9		22,500	3.5	
LEAD	51.7 θσ	0.31		12.7	0.31		36.2	0.36		35.0	0.33		11.7	0.35	J	25.6	0.35		8.5	0.37		25.5	0.33	
MAGNESIUM	10,100	3.4		7,100	3.4		10,700	3.9		13,100	3.6		13,400	3.8		11,100	3.8		10,000	4.0		7,390	3.7	
MANGANESE	469	0.13	C	650	0.12	J	562	0.14	J	412	0.13	J	970 Γ	0.14		667	0.14		567	0.15		710	0.13	J
MERCURY	0.050	0.020		ND	0.050	U	0.18 θ	0.020		0.11	0.020		0.090	0.020		ND	0.14	U	ND	0.10	U	0.18 θ	0.020	
MOLYBDENUM	ND	0.19	U	ND	0.26	U	ND	0.69	U	ND	0.20	U	ND	0.21	U	ND	0.21	U	ND	0.22	U	ND	0.98	U
NICKEL	63.4 #θ	0.69		30.6 θ	0.68		66.3 #θ	0.78		73.8 #θ	0.72		37.1 θ	0.77		86.1 #θ	0.76		62.9 #θ	0.81		73.1 #θ	0.74	
POTASSIUM	3,820	5.8	J	2,650	5.7	J	4,350	6.5	J	5,780	6.1	J	3,420	6.5	J	3,270	6.4	J	2,890	6.8	J	1,720	6.2	J
SELENIUM	ND	0.71	U	ND	0.70	U	ND	0.80	U	ND	0.75	U	ND	0.80	U	ND	0.79	U	ND	0.84	U	1.0 θΓσ	0.76	
SILVER	ND	0.13	U	ND	0.12	U	ND	0.14	U	ND	0.13	U	ND	0.14	U	ND	0.14	U	ND	0.15	U	ND	0.13	U
SODIUM	ND	71.1	U	ND	126	U	20,300	30.3		12,000	28.1		5,470	30.0	J	3,240	29.6	J	3,990	31.5	J	ND	910	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBK01			RADSBK02			RADSBK03			RADSBK04			RADSBK07			RADSBK08			RADSBK08			RADSBL03		
Sample ID	281RADSS140			281RADSS141			281RADSS137			281RADSS139			281RADSS110			281RADSS008			281RADSS009			281RADSS144		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			08/28/95			08/28/95			08/28/95			08/22/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
THALLIUM	ND	0.42	U	ND	0.41	U	ND	0.47	U	ND	0.44	U	ND	0.47	U	ND	0.46	U	ND	0.48	U	ND	0.45	U
VANADIUM	99.3 Γ	0.13		32.3	0.12		51.5	0.14		70.2	0.13		75.1	0.14		58.8	0.14		54.1	0.15		41.1	0.13	
ZINC	112	0.060		70.6	0.060		92.9	0.070		205 σΓσ	0.070		100	0.070		97.8	0.070		66.9	0.070		89.5	0.070	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			ND	50.0	UJ	NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			ND	10.1	U	ND	12.6	U	NA			ND	11.4	U	ND	11.6	U	ND	11.7	U	ND	10.1	U
TOTAL ORGANIC CARBON	NA			5,280	100		8,740	100		NA			67,300	100	J	64,100	100		ND	120	U	17,600	100	
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			4.0			22.0			NA			15.0			16.0			NA			5.0		
Miscellaneous																								
PH	6.5			8.2			8.9			6.5			7.7			8.6			6.8			7.7		

Notes: Detected concentrations are shaded.

µg/Kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

9 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBL08			RADSBM08			RADSBM08			RADSBN08		
Sample ID	281RADSS145			281RADSS010			281RADSS011			281RADSS145		
Matrix	SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)												
1,1,1-TRICHLOROETHANE	NA			NA			ND	12	U	NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			ND	12	U	NA		
1,1,2-TRICHLOROETHANE	NA			NA			ND	12	U	NA		
1,1-DICHLOROETHANE	NA			NA			ND	12	U	NA		
1,1-DICHLOROETHENE	NA			NA			ND	12	U	NA		
1,2-DICHLOROETHANE	NA			NA			ND	12	U	NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			ND	12	U	NA		
1,2-DICHLOROPROPANE	NA			NA			ND	12	U	NA		
2-BUTANONE	NA			NA			ND	12	U	NA		
2-HEXANONE	NA			NA			ND	12	U	NA		
4-METHYL-2-PENTANONE	NA			NA			ND	12	U	NA		
ACETONE	NA			NA			ND	24	U	NA		
BENZENE	NA			NA			ND	12	U	NA		
BROMODICHLOROMETHANE	NA			NA			ND	12	U	NA		
BROMOFORM	NA			NA			ND	12	U	NA		
BROMOMETHANE	NA			NA			ND	12	U	NA		
CARBON DISULFIDE	NA			NA			ND	12	U	NA		
CARBON TETRACHLORIDE	NA			NA			ND	12	U	NA		
CHLOROBENZENE	NA			NA			ND	12	U	NA		
CHLOROETHANE	NA			NA			ND	12	U	NA		
CHLOROFORM	NA			NA			ND	12	U	NA		
CHLOROMETHANE	NA			NA			ND	12	U	NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			ND	12	U	NA		
DIBROMOCHLOROMETHANE	NA			NA			ND	12	U	NA		
ETHYLBENZENE	NA			NA			ND	12	U	NA		
METHYLENE CHLORIDE	NA			NA			ND	12	U	NA		
STYRENE	NA			NA			ND	12	U	NA		
TETRACHLOROETHENE	NA			NA			ND	12	U	NA		
TOLUENE	NA			NA			ND	12	U	NA		
TRANS-1,3-DICHLOROPROPENE	NA			NA			ND	12	U	NA		
TRICHLOROETHENE	NA			NA			ND	12	U	NA		
VINYL CHLORIDE	NA			NA			ND	12	U	NA		
XYLENE (TOTAL)	NA			NA			ND	12	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBL08			RADSBM08			RADSBM08			RADSBN08		
Sample ID	281RADSS145			281RADSS010			281RADSS011			281RADSS146		
Matrix	SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)												
1,1'-BIPHENYL	ND	35	U	ND	270	U	NA			NA		
1,2,4-TRICHLOROBENZENE	ND	35	U	ND	270	U	NA			NA		
1,2-DICHLOROBENZENE	ND	35	U	ND	270	U	NA			NA		
1,3-DICHLOROBENZENE	ND	35	U	ND	270	U	NA			NA		
1,4-DICHLOROBENZENE	ND	35	U	ND	270	U	NA			NA		
1-METHYLNAPHTHALENE	ND	35	U	ND	270	U	NA			NA		
1-METHYLPHENANTHRENE	ND	35	U	ND	270	U	NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	35	U	ND	270	U	NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	35	U	ND	270	U	NA			NA		
2,4,5-TRICHLOROPHENOL	ND	89	U	ND	680	U	NA			NA		
2,4,6-TRICHLOROPHENOL	ND	35	U	ND	270	U	NA			NA		
2,4-DICHLOROPHENOL	ND	35	U	ND	270	U	NA			NA		
2,4-DIMETHYLPHENOL	ND	35	U	ND	270	U	NA			NA		
2,4-DINITROPHENOL	ND	89	U	ND	680	U	NA			NA		
2,4-DINITROTOLUENE	ND	35	U	ND	270	U	NA			NA		
2,6-DIMETHYLNAPHTHALENE	ND	35	U	ND	270	U	NA			NA		
2,6-DINITROTOLUENE	ND	35	U	ND	270	U	NA			NA		
2-CHLORONAPHTHALENE	ND	35	U	ND	270	U	NA			NA		
2-CHLOROPHENOL	ND	35	U	ND	270	U	NA			NA		
2-METHYLNAPHTHALENE	ND	35	U	ND	270	U	NA			NA		
2-METHYLPHENOL	ND	35	U	ND	270	U	NA			NA		
2-NITROANILINE	ND	89	U	ND	680	U	NA			NA		
2-NITROPHENOL	ND	35	U	ND	270	U	NA			NA		
3,3'-DICHLOROBENZIDINE	ND	35	U	ND	270	U	NA			NA		
3-NITROANILINE	ND	89	U	ND	680	U	NA			NA		
4,6-DINITRO-2-METHYLPHENOL	ND	89	U	ND	680	U	NA			NA		
4-BROMOPHENYL-PHENYLETHER	ND	35	U	ND	270	U	NA			NA		
4-CHLORO-3-METHYLPHENOL	ND	35	U	ND	270	U	NA			NA		
4-CHLOROANILINE	ND	35	U	ND	270	U	NA			NA		
4-CHLOROPHENYL-PHENYLETHER	ND	35	U	ND	270	U	NA			NA		
4-METHYLPHENOL	ND	35	U	ND	270	U	NA			NA		
4-NITROANILINE	ND	89	U	ND	680	U	NA			NA		
4-NITROPHENOL	ND	89	U	ND	680	U	NA			NA		
ACENAPHTHENE	ND	35	U	ND	270	U	NA			NA		

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

∂ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBL08			RADSBM08			RADSBM08			RADSBN08		
Sample ID	281RADSS145			281RADSS010			281RADSS011			281RADSS146		
Matrix	SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)												
ACENAPHTHYLENE	ND	35	U	ND	270	U	NA			NA		
ANTHRACENE	ND	35	U	ND	270	U	NA			NA		
BENZO(A)ANTHRACENE	ND	35	U	49	270	J	NA			NA		
BENZO(A)PYRENE	ND	35	U	53 *	270	J	NA			NA		
BENZO(B)FLUORANTHENE	ND	35	U	120	270	J	NA			NA		
BENZO(E)PYRENE	ND	35	U	64	270	J	NA			NA		
BENZO(G,H,I)PERYLENE	ND	35	U	ND	270	U	NA			NA		
BENZO(K)FLUORANTHENE	ND	35	U	43	270	J	NA			NA		
BENZOIC ACID	ND	89	U	ND	680	UJ	NA			NA		
BENZYL ALCOHOL	ND	35	U	ND	270	U	NA			NA		
BIS(2-CHLOROETHOXY)METHANE	ND	35	U	ND	270	U	NA			NA		
BIS(2-CHLOROETHYL)ETHER	ND	35	U	ND	270	U	NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	35	U	ND	270	U	NA			NA		
BUTYLBENZYLPHTHALATE	ND	35	U	ND	270	U	NA			NA		
CARBAZOLE	ND	35	U	ND	270	U	NA			NA		
CHRYSENE	ND	35	U	77	270	J	NA			NA		
DI-N-BUTYLPHTHALATE	ND	54	U	ND	270	U	NA			NA		
DI-N-OCTYLPHTHALATE	ND	35	U	ND	270	U	NA			NA		
DIBENZ(A,H)ANTHRACENE	ND	35	U	36	270	J	NA			NA		
DIBENZOFURAN	ND	35	U	ND	270	U	NA			NA		
DIBENZOTHIOPHENE	ND	35	U	ND	270	U	NA			NA		
DIETHYLPHTHALATE	ND	35	U	ND	270	U	NA			NA		
DIMETHYLPHTHALATE	ND	35	U	ND	270	U	NA			NA		
FLUORANTHENE	ND	35	U	67	270	J	NA			NA		
FLUORENE	ND	35	U	ND	270	U	NA			NA		
HEXACHLOROBENZENE	ND	35	U	ND	270	U	NA			NA		
HEXACHLOROBUTADIENE	ND	35	U	ND	270	U	NA			NA		
HEXACHLOROCYCLOPENTADIENE	ND	35	U	ND	270	U	NA			NA		
HEXACHLOROETHANE	ND	35	U	ND	270	U	NA			NA		
INDENO(1,2,3-CD)PYRENE	ND	35	U	67	270	J	NA			NA		
ISOPHORONE	ND	35	U	ND	270	U	NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	35	U	ND	270	U	NA			NA		
N-NITROSODIPHENYLAMINE (1)	ND	35	U	ND	270	U	NA			NA		
NAPHTHALENE	ND	35	U	ND	270	U	NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBL08			RADSBM08			RADSBM08			RADSBN08		
Sample ID	281RADSS145			281RADSSC10			281RADSSC11			281RADSS146		
Matrix	SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)												
NITROBENZENE	ND	35	U	ND	270	U	NA			NA		
PENTACHLOROPHENOL	ND	89	U	ND	680	U	NA			NA		
PERYLENE	ND	35	U	ND	270	U	NA			NA		
PHENANTHRENE	ND	35	J	44	270	J	NA			NA		
PHENOL	ND	35	U	ND	270	U	NA			NA		
PYRENE	ND	35	U	68	270	J	NA			NA		
Semivolatiles (in µg/Kg)												
1,2,4-TRICHLOROBENZENE	NA			NA			ND	410	U	NA		
1,2-DICHLOROBENZENE	NA			NA			ND	410	U	NA		
1,3-DICHLOROBENZENE	NA			NA			ND	410	U	NA		
1,4-DICHLOROBENZENE	NA			NA			ND	410	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			ND	410	U	NA		
2,4,5-TRICHLOROPHENOL	NA			NA			ND	1,000	U	NA		
2,4,6-TRICHLOROPHENOL	NA			NA			ND	410	U	NA		
2,4-DICHLOROPHENOL	NA			NA			ND	410	U	NA		
2,4-DIMETHYLPHENOL	NA			NA			ND	410	U	NA		
2,4-DINITROPHENOL	NA			NA			ND	1,000	U	NA		
2,4-DINITROTOLUENE	NA			NA			ND	410	U	NA		
2,6-DINITROTOLUENE	NA			NA			ND	410	U	NA		
2-CHLORONAPHTHALENE	NA			NA			ND	410	U	NA		
2-CHLOROPHENOL	NA			NA			ND	410	U	NA		
2-METHYLNAPHTHALENE	NA			NA			ND	410	U	NA		
2-METHYLPHENOL	NA			NA			ND	410	U	NA		
2-NITROANILINE	NA			NA			ND	1,000	U	NA		
2-NITROPHENOL	NA			NA			ND	410	U	NA		
3,3'-DICHLOROBENZIDINE	NA			NA			ND	410	U	NA		
3-NITROANILINE	NA			NA			ND	1,000	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			ND	1,000	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			ND	410	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			ND	410	U	NA		
4-CHLOROANILINE	NA			NA			ND	410	U	NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			ND	410	U	NA		
4-METHYLPHENOL	NA			NA			ND	410	U	NA		
4-NITROANILINE	NA			NA			ND	1,000	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

9 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBL08			RADSBX08			RADSBM08			RADSBN08		
Sample ID	281RADSS145			281RADSS010			281RADSS011			281RADSS146		
Matrix	SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)												
4-NITROPHENOL	NA			NA			ND	1,000	U	NA		
ACENAPHTHENE	NA			NA			ND	410	U	NA		
ACENAPHTHYLENE	NA			NA			ND	410	U	NA		
ANTHRACENE	NA			NA			ND	410	U	NA		
BENZO(A)ANTHRACENE	NA			NA			ND	410	U	NA		
BENZO(A)PYRENE	NA			NA			ND	410	U	NA		
BENZO(B)FLUORANTHENE	NA			NA			ND	410	U	NA		
BENZO(G,H,I)PERYLENE	NA			NA			ND	410	U	NA		
BENZO(K)FLUORANTHENE	NA			NA			ND	410	U	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			ND	410	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			ND	410	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			ND	410	U	NA		
BUTYLBENZYLPHTHALATE	NA			NA			ND	410	U	NA		
CARBAZOLE	NA			NA			ND	410	U	NA		
CHRYSENE	NA			NA			ND	410	U	NA		
DI-N-BUTYLPHTHALATE	NA			NA			ND	410	U	NA		
DI-N-OCTYLPHTHALATE	NA			NA			ND	410	U	NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			ND	410	U	NA		
DIBENZOFURAN	NA			NA			ND	410	U	NA		
DIETHYLPHTHALATE	NA			NA			ND	410	U	NA		
DIMETHYLPHTHALATE	NA			NA			ND	410	U	NA		
FLUORANTHENE	NA			NA			ND	410	U	NA		
FLUORENE	NA			NA			ND	410	U	NA		
HEXACHLOROBENZENE	NA			NA			ND	410	U	NA		
HEXACHLOROBUTADIENE	NA			NA			ND	410	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			ND	410	U	NA		
HEXACHLOROETHANE	NA			NA			ND	410	U	NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			ND	410	U	NA		
ISOPHORONE	NA			NA			ND	410	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			ND	410	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			ND	410	U	NA		
NAPHTHALENE	NA			NA			ND	410	U	NA		
NITROBENZENE	NA			NA			ND	410	U	NA		
PENTACHLOROPHENOL	NA			NA			ND	1,000	U	NA		

Notes: Detected concentrations are shaded.

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBL08			RADSBM08			RADSBM08			RADSBN08		
Sample ID	281RADSS145			281RADSS010			281RADSS011			281RADSS146		
Matrix	SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)												
PHENANTHRENE	NA			NA			ND	410	U	NA		
PHENOL	NA			NA			ND	410	U	NA		
PYRENE	NA			NA			ND	410	U	NA		
Low Level Pesticides/PCBs (in ug/Kg)												
2,4'-DDD	ND	0.1	U	0.4	0.2	J	NA			NA		
2,4'-DDE	ND	0.1	U	ND	0.2	U	NA			NA		
2,4'-DDT	0.5	0.1		ND	0.2	UJ	NA			NA		
4,4'-DDD	ND	0.1	U	ND	0.7	U	NA			NA		
4,4'-DDE	2	0.1		0.6	0.2		NA			NA		
4,4'-DDT	3.6	0.1		2.8	0.2		NA			NA		
ALDRIN	ND	0.1	U	ND	0.2	U	NA			NA		
ALPHA-CHLORDANE	ND	0.1	U	0.5	0.2		NA			NA		
DIELDRIN	ND	0.1	U	ND	0.2	U	NA			NA		
GAMMA-BHC (LINDANE)	ND	0.1	U	ND	0.2	U	NA			NA		
HEPTACHLOR	ND	0.3	U	ND	0.2	U	NA			NA		
HEPTACHLOR EPOXIDE	ND	0.1	U	ND	0.2	U	NA			NA		
HEXACHLOROBENZENE	ND	0.1	U	ND	0.2	U	NA			NA		
MIREX	ND	0.1	U	ND	0.2	U	NA			NA		
PCB-101 (2,2',3,5,5')	ND	0.1	U	0.3	0.2	J	NA			NA		
PCB-105 (2,3,3',4,4')	ND	0.1	U	0.2	0.2	J	NA			NA		
PCB-118 (2,3',4,4',5)	ND	0.1	U	0.4	0.2	J	NA			NA		
PCB-126 (3,3',4,4',5)	ND	0.1	U	ND	0.2	UJ	NA			NA		
PCB-128 (2,2',3,3',4,4')	ND	0.1	U	ND	0.2	UJ	NA			NA		
PCB-138 (2,2',3,4,4',5')	ND	0.1	U	0.5	0.2	J	NA			NA		
PCB-153 (2,2',4,4',5,5')	ND	0.1	U	0.3	0.2	J	NA			NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.1	U	ND	0.2	UJ	NA			NA		
PCB-18 (2,2',5)	ND	0.1	U	0.2	0.2	J	NA			NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.1	U	0.2	0.2	J	NA			NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.1	U	ND	0.2	UJ	NA			NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.1	U	ND	0.2	UJ	NA			NA		
PCB-206 (2,2',3,3',4,4',5,5',	ND	0.1	U	0.2	0.2	J	NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.1	U	ND	0.2	UJ	NA			NA		
PCB-28 (2,4,4')	ND	0.1	U	ND	0.2	UJ	NA			NA		
PCB-44 (2,2',3,5')	ND	0.1	U	ND	0.2	UJ	NA			NA		

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04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBL08			RADSBM08			RADSBM08			RADSBN08		
Sample ID	281RADSS145			281RADSS010			281RADSS011			281RADSS146		
Matrix	SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)												
PCB-52 (2,2',5,5') PCB-66 (2,3',4,4') PCB-77 (3,3',4,4') PCB-8 (2,4')	ND ND ND ND	0.1 0.1 0.1 0.1	J J J J	0.1 0.3 ND ND	0.2 0.2 0.2 0.2	J J JJ JJ	NA NA NA NA			NA NA NA NA		
TRANS-NONACHLOR	ND	0.1	J	0.6	0.2	J	NA			NA		
Pesticides/PCBs (in µg/Kg)												
4,4'-DDD 4,4'-DDE 4,4'-DDT ALDRIN	NA NA NA NA			NA NA NA NA			ND ND ND ND	4 4 4 2	U U U U	NA NA NA NA		
ALPHA-BHC ALPHA-CHLORDANE AROCLOR-1016 AROCLOR-1221	NA NA NA NA			NA NA NA NA			ND ND ND ND	2 2 41 82	U U U U	NA NA NA NA		
AROCLOR-1232 AROCLOR-1242 AROCLOR-1248 AROCLOR-1254	NA NA NA NA			NA NA NA NA			ND ND ND ND	41 41 41 41	U U U U	NA NA NA NA		
AROCLOR-1260 BETA-BHC DELTA-BHC DIELDRIN	NA NA NA NA			NA NA NA NA			ND ND ND ND	41 2 2 4	U U U U	NA NA NA NA		
ENDOSULFAN I ENDOSULFAN II ENDOSULFAN SULFATE ENDRIN	NA NA NA NA			NA NA NA NA			ND ND ND ND	2 4 4 4	U U U U	NA NA NA NA		
ENDRIN ALDEHYDE ENDRIN KETONE GAMMA-BHC (LINDANE) GAMMA-CHLORDANE	NA NA NA NA			NA NA NA NA			ND ND ND ND	4 4 2 2	U U U U	NA NA NA NA		
HEPTACHLOR HEPTACHLOR EPOXIDE METHOXYCHLOR TOXAPHENE	NA NA NA NA			NA NA NA NA			ND ND ND ND	2 2 21 210	U U U U	NA NA NA NA		

Notes: Detected concentrations are shaded.

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Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBL08			RADSBM08			RADSBM08			RADSBN08		
Sample ID	281RADSS145			281RADSS010			281RADSS011			281RADSS146		
Matrix	SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/kg)												
1,3,5-TRINITROBENZENE	NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA		
HMX	NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA		
RDX	NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA		
Total Metals (in mg/kg)												
ALUMINUM	13,200	3.2		24,700	4.5		11,100	4.0		16,300	3.8	
ANTIMONY	0.34	0.42	J	ND	0.58	UJ	ND	0.52	UJ	0.47	0.48	J
ARSENIC	6.5 *	0.57		30.1 #θ	0.77		ND	3.0	U	4.5 *	0.55	
BARIUM	177	0.060		231	0.080		107	0.070		174	0.070	
BERYLLIUM	ND	0.020	U	ND	0.030	U	ND	0.050	U	ND	0.020	U
CADMIUM	ND	0.040	U	ND	0.050	U	ND	0.050	U	ND	0.050	U
CALCIUM	31,300	2.9		10,800	3.9		14,600	3.6		13,100	3.3	
CHROMIUM	37.2	0.36		38.3	0.49		26.4	0.45		27.7	0.42	
COBALT	14.6	0.10		20.1	0.14		12.7	0.12		15.3	0.12	
COPPER	36.3 θ	0.16		34.1 θ	0.22		26.3	0.20		28.5	0.18	
IRON	21,600	3.2		26,400	4.3		17,500	3.9		25,700	3.6	
LEAD	31.2	0.30		11.9	0.41		6.9	0.37		37.4	0.35	
MAGNESIUM	5,270	3.2		10,500	4.5		7,690	4.1		5,630	3.8	
MANGANESE	672	0.12	J	446	0.16		673	0.15		859 Γ	0.14	J
MERCURY	0.12	0.020		ND	0.12	U	ND	0.060	U	ND	0.060	U
MOLYBDENUM	ND	0.18	U	ND	0.25	U	ND	0.22	U	ND	0.21	U
NICKEL	70.4 #θ	0.67		86.6 #θ	0.90		47.1 θ	0.82		29.0 θ	0.76	
POTASSIUM	2,770	5.6	J	3,560	7.6	J	2,160	6.9	J	2,150	6.4	J
SELENIUM	ND	0.69	U	ND	0.93	U	ND	0.84	U	ND	0.79	U
SILVER	ND	0.12	U	ND	0.16	U	ND	0.15	U	ND	0.14	U
SODIUM	ND	325	U	4,410	35.0	J	4,130	31.7	J	2,070	29.5	

Notes: Detected concentrations are shaded.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBL08			RADSBM08			RADSBM08			RADSBN08		
Sample ID	281RADSS145			281RADSS010			281RADSS011			281RADSS146		
Matrix	SOIL			SOIL			SOIL			SOIL		
Sample Date	08/28/95			07/27/95			07/27/95			08/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			1.30 - 2.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)												
THALLIUM	ND	0.40	U	ND	0.55	U	ND	0.50	U	ND	0.46	U
VANADIUM	56.5	0.12		61.5	0.16		44.5	0.15		76.4	0.14	
ZINC	91.4	0.060		56.8	0.080		56.1	0.070		109	0.070	
Hexavalent Chromium (in µg/Kg)												
HEXAVALENT CHROMIUM	NA			ND	50.0	JJ	NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)												
SULFIDE	ND	10.4	U	19.2	1.0		ND	12.9	U	NA		
TOTAL ORGANIC CARBON	3,540	100		55,800	100		10,600	100		NA		
Percent Moisture (percent)												
PERCENT MOISTURE	7.0			39.0			NA			NA		
Miscellaneous												
PH	7.8			8.2			8.6			7.2		

Notes: Detected concentrations are shaded.

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Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE04			RADSBB06			RADSBD06			RADSBE03			RADSBH06			RADSBI04			RADSBK08		
Sample ID	281RADSS035			281RADSS039			281RADSS050			281RADSS076			281RADSS003			281RADSS001			281RADSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			08/03/95			08/04/95			08/23/95			07/27/95			07/27/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Nitric Acid Metals (in µg/L)																					
ALUMINUM	158,000	16.3	J	141,000	16.3	J	252,000	16.3	J	260,000	16.3	J	218,000	6.3	J	257,000	6.3	J	172,000	6.3	J
ANTIMONY	ND	8.5	U	ND	11.1	U	ND	6.5	U	9.4	2.1	J	ND	6.0	U	ND	9.0	U	ND	3.1	U
ARSENIC	94.8 αß	2.8	J	122 αß	2.8	J	120 αß	2.8	J	445 αßγ	2.8	J	174 αß	1.4	J	285 αßγ	1.4	J	93.3 αß	1.4	J
BARIUM	5,020	0.30	J	2,710	0.30	J	5,380	0.30	J	2,280	0.30	J	663	0.40	J	1,400	0.40	J	3,190	0.40	J
BERYLLIUM	2.3	0.10	J	ND	0.10	U	14.4 γ	0.10	J	ND	0.10	U	12.0 γ	0.10	J	6.8 γ	0.10	J	3.2	0.10	J
CADMIUM	6.8 γ	0.20	J	3.1 γ	0.20	J	39.1 αßγ	0.20	J	ND	0.20	U	ND	0.10	U	ND	0.10	J	17.7 αßγ	0.10	J
CALCIUM	83,800	14.4	J	115,000	14.4	J	220,000	14.4	J	121,000	14.4	J	134,000	11.9	J	133,000	11.9	J	171,000	11.9	J
CHROMIUM	531 βγ	1.8	J	431 βγ	1.8	J	537 βγ	1.8	J	472 βγ	1.8	J	587 βγ	1.0	J	715 βγ	1.0	J	386 βγ	1.0	J
COBALT	318	0.50	J	322	0.50	J	622	0.50	J	126	0.50	J	319	0.40	J	288	0.40	J	654	0.40	J
COPPER	840 αγ	0.80	J	1,030 αγ	0.80	J	1,450 αγ	0.80	J	1,600 αγ	0.80	J	1,170 αγ	0.50	J	1,450 αγ	0.50	J	1,170 αγ	0.50	J
IRON	390,000 γ	15.7	J	364,000 γ	15.7	J	795,000 γ	78.5	J	586,000 γ	15.7	J	476,000 γ	10.1	J	744,000 γ	10.1	J	237,000 γ	10.1	J
LEAD	2,710 αßγ	1.5	J	3,010 αßγ	1.5	J	5,310 αßγ	1.5	J	1,690 αßγ	1.5	J	1,470 αßγ	1.3	J	2,210 αßγ	1.3	J	2,680 αßγ	1.3	J
MAGNESIUM	218,000	16.4	J	275,000	16.4	J	342,000	16.4	J	199,000	30.0	J	208,000	5.1	J	299,000	5.1	J	259,000	5.1	J
MANGANESE	4,290	0.60	J	9,090	0.60	J	42,800	3.0	J	2,700	0.60	J	7,360	0.20	J	5,780	0.20	J	30,100	0.20	J
MERCURY	ND	0.10	U	0.40 αßγ	0.10	J	1.4 αßγ	0.10	J	0.54 αßγ	0.10	J	0.73 αßγ	0.10	J	0.47 αßγ	0.10	J	1.1 αßγ	0.10	J
MOLYBDENUM	ND	0.90	U	ND	0.90	U	ND	0.90	U	ND	0.90	U	ND	0.80	U	ND	0.80	U	ND	0.80	U
NICKEL	1,750 αßγ	3.3	J	1,380 αßγ	3.3	J	1,920 αßγ	3.3	J	1,070 αßγ	3.3	J	1,530 αßγ	1.3	J	1,420 αßγ	1.3	J	1,590 αßγ	1.3	J
POTASSIUM	53,300	27.8	J	43,900	27.8	J	84,400	602	J	66,100	602	J	62,600	43.9	J	71,700	43.9	J	63,300	43.9	J
SELENIUM	ND	3.4	U	ND	3.4	U	ND	17.0	U	ND	3.4	U	ND	17.5	U	ND	17.5	U	ND	17.5	U
SILVER	ND	0.60	U	2.0 αßγ	0.60	J	ND	0.60	U	ND	3.0	U	ND	0.50	U	ND	0.50	U	ND	0.50	U
SODIUM	74,100	128	J	197,000	128	J	253,000	128	J	280,000	128	J	216,000	129	J	601,000	129	J	156,000	129	J
THALLIUM	ND	10.0	U	ND	10.0	U	31.3	10.0	J	ND	2.0	U	ND	7.5	U	ND	7.5	U	50.5 γ	1.5	J
VANADIUM	1,330	0.60	J	1,880	0.60	J	1,870	0.60	J	2,850	0.60	J	2,250	0.70	J	1,870	0.70	J	1,550	0.70	J
ZINC	1,830 αßγ	0.30	J	3,080 αßγ	0.30	J	3,150 αßγ	1.5	J	1,670 αßγ	0.30	J	2,870 αßγ	0.30	J	3,420 αßγ	0.30	J	3,650 αßγ	0.30	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

γ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBA01			RADSBA07			RADSBB04			RADSBB06			RADSBB08			RADSBC05			RADSBD05			RADSBD06		
Sample ID	281RADSS021			281RADSS029			281RADSS035			281RADSS039			281RADSS016			281RADSS045			281RADSS053			281RADSS050		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/02/95			08/03/95			08/03/95			08/03/95			08/01/95			08/04/95			08/04/95			08/04/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
WET DI Metals (in µg/L)																								
ALUMINUM	1,370	16.3	J	1,010	16.3	J	1,170	16.3	J	1,650	16.3	J	ND	48.8	U	ND	81.0	U	325	16.3	J	755	16.3	J
ANTIMONY	ND	9.3	U	ND	3.0	U	ND	4.4	U	ND	5.2	U	ND	2.7	U	ND	2.5	U	ND	2.1	U	ND	2.5	U
ARSENIC	46.4 αß	2.8	J	9.0	2.8	J	12.4	2.8	J	8.9	2.9	J	5.7	2.8	J	7.6	2.8	J	ND	2.8	U	8.0	2.8	J
BARIUM	20.7	0.30	J	43.4	0.30	J	53.0	0.30	J	35.9	0.30	J	125	0.30	J	33.0	0.30	J	43.2	0.30	J	46.7	0.30	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U
CADMIUM	ND	0.65	U	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.25	U	ND	0.32	U
CALCIUM	1,540	14.4	J	3,370	14.4	J	1,220	14.4	J	2,570	14.4	J	31,900	14.4	J	15,000	14.4	J	16,100	14.4	J	2,850	14.4	J
CHROMIUM	ND	7.4	U	ND	5.1	U	ND	2.9	U	ND	4.8	U	ND	1.8	U	ND	1.8	U	ND	1.8	U	ND	2.1	U
COBALT	2.3	0.50	J	1.5	0.50	J	3.0	0.50	J	1.8	0.50	J	ND	0.50	U	ND	0.50	U	ND	0.50	U	ND	0.50	U
COPPER	275 αr	0.80	J	43.8 αr	0.80	J	25.9 αr	0.80	J	19.1 αr	0.80	J	11.9 α	0.80	J	8.5 α	0.80	J	8.7 α	0.80	J	22.4 αr	0.80	J
IRON	2,450 r	15.7	J	1,960 r	15.7	J	2,560 r	15.7	J	5,250 r	15.7	J	45.6	15.7	J	ND	49.7	U	ND	78.2	U	1,140 r	15.7	J
LEAD	114 αßr	1.5	J	29.1 αßr	1.5	J	25.9 αßr	1.5	J	49.2 αßr	1.5	J	ND	1.5	U	ND	1.5	U	ND	1.5	U	15.8 αßr	1.5	J
MAGNESIUM	2,110	16.4	J	3,140	16.4	J	2,050	16.4	J	4,050	16.4	J	7,180	16.4	J	13,700	16.4	J	26,700	16.4	J	4,110	16.4	J
MANGANESE	52.2	0.60	J	32.4	0.60	J	39.7	0.60	J	51.0	0.60	J	7.8	0.60	J	ND	1.3	U	ND	2.4	U	15.8	0.60	J
MERCURY	0.42 αßr	0.10	J	ND	0.10	U	0.14 αßr	0.10	J	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U
MOLYBDENUM	ND	14.7	U	7.2	0.90	J	9.0	0.90	J	4.6	0.90	J	ND	2.2	U	ND	4.5	U	ND	2.8	U	ND	1.8	U
NICKEL	19.1 αß	3.3	J	12.7 αß	3.3	J	19.7 αß	3.3	J	22.7 αß	3.3	J	5.7	3.3	J	ND	3.3	U	3.6	3.3	J	9.2 αß	3.3	J
POTASSIUM	10,900	27.8	J	7,960	27.8	J	4,550	27.6	J	8,600	27.8	J	9,630	27.8	J	11,800	602	J	13,800	602	J	9,160	602	J
SELENIUM	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U
SILVER	ND	0.60	U	ND	0.60	U	ND	0.60	U	ND	0.60	U	ND	0.60	U	ND	0.78	J	ND	1.6	U	ND	0.60	U
SODIUM	58,300	128	J	99,500	128	J	37,200	128	J	141,000	128	J	2,260	128	J	280,000	128	J	406,000	128	J	167,000	128	J
THALLIUM	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U
VANADIUM	96.6	0.60	J	19.1	0.60	J	53.9	0.60	J	31.9	0.60	J	17.1	0.60	J	23.0	0.60	J	6.1	0.60	J	54.4	0.60	J
ZINC	65.9	0.30	J	ND	57.5	U	80.6	0.30	J	59.7	0.30	J	ND	11.2	U	ND	12.5	U	ND	12.9	U	55.4	0.30	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

r = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBE03			RADSBF06			RADSBG04			RADSBG08			RADSBH06			RADSBI02			RADSBI04			RADSBI08		
Sample ID	281RADSS076			281RADSS098			281RADSS078			281RADSS085			281RADSS003			281RADSS130			281RADSS001			281RADSS005		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/22/95			08/23/95			08/21/95			07/27/95			08/23/95			07/27/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
WET DI Metals (in µg/L)																								
ALUMINUM	3,380	16.3	J	232	16.3	J	175	16.3	J	ND	40.8	U	1,240	16.3	J	183	16.3	J	325	16.3	J	ND	199	U
ANTIMONY	ND	2.1	U	ND	2.1	U	ND	2.1	U	ND	2.1	U	ND	2.1	U	ND	2.1	U	ND	2.1	U	ND	2.7	U
ARSENIC	12.4	2.8	J	ND	2.8	U	ND	2.8	U	3.8	2.8	J	ND	2.8	U	ND	2.8	U	ND	2.8	U	25.4	2.8	J
BARIUM	31.6	0.30	J	22.7	0.30	J	39.6	0.30	J	96.3	0.30	J	43.5	0.30	J	28.5	0.30	J	47.8	0.30	J	87.3	0.30	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.13	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U
CADMIUM	ND	0.20	U	ND	0.20	U	ND	0.24	U	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.53	U	ND	0.20	U
CALCIUM	3,620	14.4	J	9,730	14.4	J	11,500	14.4	J	48,100	14.4	J	5,030	14.4	J	13,100	14.4	J	29,800	14.4	J	13,600	14.4	J
CHROMIUM	13.8	1.8	J	ND	3.4	U	ND	1.8	U	ND	2.3	U	ND	3.3	J	ND	3.5	U	ND	1.8	U	ND	1.8	U
COBALT	2.1	0.50	J	10.5	0.50	J	9.5	0.50	J	ND	0.78	U	0.69	0.50	J	ND	0.50	U	14.8	0.50	J	2.2	0.50	J
COPPER	27.5 αr	0.80	J	10.1 α	0.80	J	5.0 α	0.80	J	ND	8.2	U	9.3 ß	0.80	J	ND	3.8	U	7.4 α	0.80	J	ND	2.2	U
IRON	4,040 r	15.7	J	414	15.7	J	129	15.7	J	ND	40.8	U	1,680 r	15.7	J	234	15.7	J	203	15.7	J	907	15.7	J
LEAD	11.4 αßr	1.5	J	6.7 r	1.5	J	ND	1.5	U	ND	1.5	U	6.8 r	1.5	J	ND	2.0	U	ND	1.5	U	2.6	1.5	J
MAGNESIUM	6,550	30.0	J	20,000	30.0	J	31,000	30.0	J	38,200	30.0	J	8,830	30.0	J	16,000	16.4	J	66,700	30.0	J	15,600	30.0	J
MANGANESE	47.0	0.60	J	847	0.60	J	462	0.60	J	80.8	0.60	J	30.8	0.60	J	8.3	0.60	J	908	0.60	J	812	0.60	J
MERCURY	ND	0.19	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U
MOLYBDENUM	2.7	0.90	J	ND	3.1	U	ND	0.90	U	ND	6.5	U	ND	3.2	U	ND	0.90	U	ND	1.8	U	ND	3.4	U
NICKEL	20.5 αß	3.3	J	26.6 αß	3.3	J	29.0 αß	3.3	J	7.5	3.3	J	12.0 αß	3.3	J	20.5 αß	3.3	J	45.1 αß	3.3	J	34.0 αß	3.3	J
POTASSIUM	13,600	602	J	27,300	602	J	19,700	602	J	39,600	602	J	12,200	602	J	15,300	27.8	J	30,700	602	J	13,600	602	J
SELENIUM	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U
SILVER	ND	0.60	U	ND	2.1	U	ND	0.60	UJ	ND	0.88	U	ND	0.62	U	ND	0.78	U	ND	0.60	U	ND	0.60	U
SODIUM	205,000	128	J	319,000	128	J	419,000	128	J	370,000	128	J	215,000	128	J	207,000	128	J	516,000	128	J	182,000	128	J
THALLIUM	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U
VANADIUM	56.1	0.60	J	3.1	0.60	J	ND	0.60	U	18.2	0.60	J	10.4	0.60	J	ND	0.60	J	ND	0.60	U	12.2	0.60	J
ZINC	38.2	0.30	J	52.1	0.30	J	28.9	0.30	J	ND	13.0	J	24.0	0.30	J	ND	27.5	U	47.4	0.30	J	ND	8.9	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

r = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-1

Analytical Results for Soil

R Area Disposal Site (Site 2)

Point ID	RADSBK02			RADSBK07			RADSBK08			RADSBM08		
Sample ID	281RADSS081			281RADSS108			281RADSS008			281RADSS010		
Matrix	SOIL			SOIL			SOIL			SOIL		
Sample Date	08/23/95			08/22/95			07/27/95			07/27/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
NET DI Metals (in µg/L)												
ALUMINUM	310	16.2	J	986	16.3	J	7,110	16.3	J	125	16.3	J
ANTIMONY	2.4	2.1	J	ND	2.1	U	ND	2.1	U	ND	2.1	U
ARSENIC	ND	2.8	U	2.8	2.8	J	26.8	2.8	J	2.8	2.8	J
BARIUM	14.1	0.30	J	10.1	0.30	J	196	0.30	J	81.8	0.30	J
BERYLLIUM	ND	0.14	U	ND	0.10	U	ND	0.10	U	ND	0.10	U
CADMIUM	ND	0.33	U	ND	0.22	U	ND	0.20	U	ND	0.26	U
CALCIUM	11,900	14.4	J	11,200	14.4	J	9,370	14.4	J	6,010	14.4	J
CHROMIUM	ND	1.6	U	ND	4.4	U	ND	12.6	U	ND	1.8	U
COBALT	8.5	0.50	J	ND	0.95	U	4.9	0.50	J	ND	0.50	U
COPPER	5.0 α	0.80	J	9.2 α	0.80	J	78.0 αγ	0.80	J	17.4 αγ	0.80	J
IRON	474	15.7	J	1,350 γ	15.7	J	8,250 γ	15.7	J	340	15.7	J
LEAD	ND	1.5	U	ND	5.9	U	24.9 αβγ	1.5	J	ND	1.9	U
MAGNESIUM	24,500	30.0	J	22,500	16.4	J	10,900	30.0	J	5,180	30.0	J
MANGANESE	108	0.60	J	110	0.60	J	140	0.60	J	5.1	0.60	J
MERCURY	ND	0.10	U	0.16 αβγ	0.10	J	0.45 αβγ	0.10	J	ND	0.10	U
MOLYBDENUM	ND	0.90	U	ND	2.0	U	ND	1.3	U	ND	7.3	U
NICKEL	30.1 αβ	3.3	J	8.4 αβ	3.3	J	31.0 αβ	3.3	J	9.5 αβ	3.3	J
POTASSIUM	15,800	602	J	49,000	27.8	J	8,020	602	J	9,030	602	J
SELENIUM	ND	3.4	U	ND	3.4	U	4.2	3.4	J	ND	3.4	U
SILVER	ND	0.60	UJ	ND	1.6	U	ND	0.60	U	ND	0.60	U
SODIUM	363,000	128	J	321,000	128	J	97,400	128	J	280,000	128	J
THALLIUM	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U
VANADIUM	0.62	0.60	J	7.3	0.60	J	147	0.60	J	10.8	0.60	J
ZINC	24.2	0.30	J	ND	16.1	U	87.7 αβ	0.30	J	ND	9.6	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

γ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-2

Analytical Results for Sediment

R Area Disposal Site (Site 2)

Point ID	RADSL001			RADSL002		
Sample ID	281RADST001			281RADST002		
Matrix	SEDIMENT			SEDIMENT		
Sample Date	08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg):						
1,1'-BIPHENYL	ND	110	U	ND	380	U
1,2,4-TRICHLOROBENZENE	ND	110	U	ND	380	U
1,2-DICHLOROBENZENE	ND	110	U	ND	380	U
1,3-DICHLOROBENZENE	ND	110	U	ND	380	U
1,4-DICHLOROBENZENE	ND	110	U	ND	380	U
1-METHYLNAPHTHALENE	ND	110	U	ND	380	U
1-METHYLPHENANTHRENE	ND	110	U	ND	380	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	110	U	ND	380	U
2,3,5-TRIMETHYLNAPHTHALENE	ND	110	U	ND	380	U
2,4,5-TRICHLOROPHENOL	ND	270	U	ND	950	U
2,4,6-TRICHLOROPHENOL	ND	110	U	ND	380	U
2,4-DICHLOROPHENOL	ND	110	U	ND	380	U
2,4-DIMETHYLPHENOL	ND	110	U	ND	380	U
2,4-DINITROPHENOL	ND	270	U	ND	950	U
2,4-DINITROTOLUENE	ND	110	U	ND	380	U
2,6-DIMETHYLNAPHTHALENE	13	110	J	ND	380	U
2,6-DINITROTOLUENE	ND	110	U	ND	380	U
2-CHLORONAPHTHALENE	ND	110	U	ND	380	U
2-CHLOROPHENOL	ND	110	U	ND	380	U
2-METHYLNAPHTHALENE	ND	110	U	ND	380	U
2-METHYLPHENOL	ND	110	U	ND	380	U
2-NITROANILINE	ND	270	U	ND	950	U
2-NITROPHENOL	ND	110	U	ND	380	U
3,3'-DICHLOROBENZIDINE	ND	110	U	ND	380	U
3-NITROANILINE	ND	270	U	ND	950	U
4,6-DINITRO-2-METHYLPHENOL	ND	270	U	ND	950	U
4-BROMOPHENYL-PHENYLETHER	ND	110	U	ND	380	U
4-CHLORO-3-METHYLPHENOL	ND	110	U	ND	380	U
4-CHLOROANILINE	ND	110	U	ND	380	U
4-CHLOROPHENYL-PHENYLETHER	ND	110	U	ND	380	U
4-METHYLPHENOL	ND	110	U	ND	380	U
4-NITROANILINE	ND	270	U	ND	950	U
4-NITROPHENOL	ND	270	U	ND	950	U
ACENAPHTHENE	ND	110	U	ND	380	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

γ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-2

Analytical Results for Sediment

R Area Disposal Site (Site 2)

Point ID	RADSL001			RADSL002		
Sample ID	281RADST001			281RADST002		
Matrix	SEDIMENT			SEDIMENT		
Sample Date	08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Low Level Semivolatiles (in µg/Kg)						
ACENAPHTHYLENE	ND	110	U	ND	380	U
ANTHRACENE	24	110	J	ND	380	U
BENZO(A)ANTERACENE	110	110		ND	380	U
BENZO(A)PYRENE	140 *	110		39	380	J
BENZO(B)FLUORANTEENE	130	110		ND	380	U
BENZO(E)PYRENE	93	110	J	ND	380	U
BENZO(G,H,I)PERYLENE	110	110		ND	380	U
BENZO(K)FLUORANTHENE	130	110		ND	380	U
BENZOIC ACID	ND	270	U	ND	950	U
BENZYL ALCOHOL	ND	110	U	ND	380	U
BIS(2-CHLOROETHOXY)METHANE	ND	110	U	ND	380	U
BIS(2-CHLOROETHYL)ETHER	ND	110	U	ND	380	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	110	U	ND	380	U
BUTYLBENZYLPHTHALATE	ND	110	U	ND	380	U
CARBAZOLE	ND	110	U	ND	380	U
CHRYSENE	140	110		ND	380	U
DI-N-BUTYLPHTHALATE	ND	110	U	ND	380	U
DI-N-OCTYLPHTHALATE	ND	110	U	ND	380	U
DIBENZ(A,H)ANTHRACENE	ND	110	U	ND	380	U
DIBENZOFURAN	ND	110	U	ND	380	U
DIBENZOTHIOPHENE	ND	110	U	ND	380	U
DIETHYLPHTHALATE	ND	110	U	ND	380	U
DIMETHYLPHTHALATE	ND	110	U	ND	380	U
FLUORANTHENE	270	110		53	380	J
FLUORENE	ND	110	U	ND	380	U
HEXACHLOROBENZENE	ND	110	U	ND	380	U
HEXACHLOROBUTADIENE	ND	110	U	ND	380	U
HEXACHLOROCYCLOPENTADIENE	ND	110	U	ND	380	U
HEXACHLOROETHANE	ND	110	U	ND	380	U
INDENO(1,2,3-CD)PYRENE	76	110	J	ND	380	U
ISOPHORONE	ND	110	U	ND	380	U
N-NITROSO-DI-N-PROPYLAMINE	ND	110	U	ND	380	U
N-NITROSODIPHENYLAMINE (1)	ND	110	U	ND	380	U
NAPHTHALENE	ND	110	U	ND	380	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-2

Analytical Results for Sediment

R Area Disposal Site (Site 2)

Point ID	RADSL001			RADSL002		
Sample ID	281RADST001			281RADST002		
Matrix	SEDIMENT			SEDIMENT		
Sample Date	08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Low Level Semivolatiles (in µg/Kg)						
NITROBENZENE	ND	110	U	ND	380	U
PENTACHLOROPHENOL	ND	270	U	ND	950	U
PERYLENE	58	110	J	160	380	J
PHENANTHRENE	58	110	J	ND	380	U
PHENOL	ND	110	U	ND	380	U
PYRENE	110	110		68	380	J
Low Level Pesticides/PCBs (in µg/Kg)						
2,4'-DDD	0.6	0.2	U	ND	0.3	U
2,4'-DDE	ND	0.2		ND	0.3	U
2,4'-DDT	0.3	0.2		ND	0.3	U
4,4'-DDD	0.8	0.2		0.8	0.3	J
4,4'-DDE	1	0.2		1	0.3	
4,4'-DDT	0.4	0.2		ND	0.3	U
ALDRIN	ND	0.2	U	ND	0.3	U
ALPHA-CHLORDANE	0.6	0.2		ND	0.3	U
DIELDRIN	ND	0.2	U	ND	0.3	U
GAMMA-BHC (LINDANE)	ND	0.2	U	ND	0.3	U
HEPTACHLOR	ND	0.2	U	ND	0.3	U
HEPTACHLOR EPOXIDE	ND	0.2	U	ND	0.3	U
HEXACHLOROBENZENE	ND	0.2	U	ND	0.3	U
MIREX	ND	0.2	U	ND	0.3	U
PCB-101 (2,2',3,5,5')	0.05	0.2	J	ND	0.3	U
PCB-105 (2,3,3',4,4')	0.2	0.2		ND	0.3	U
PCB-118 (2,3',4,4',5)	ND	0.2	U	ND	0.3	U
PCB-126 (3,3',4,4',5)	ND	0.2	U	ND	0.3	U
PCB-128 (2,2',3,3',4,4')	ND	0.2	U	ND	0.3	U
PCB-138 (2,2',3,4,4',5')	0.2	0.2		ND	0.3	U
PCB-153 (2,2',4,4',5,5')	0.2	0.2		0.2	0.3	J
PCB-170 (2,2',3,3',4,4',5)	ND	0.2	U	ND	0.3	U
PCB-18 (2,2',5)	ND	0.2	U	ND	0.3	U
PCB-180 (2,2',3,4,4',5,5')	ND	0.2	U	ND	0.3	U
PCB-187 (2,2',3,4',5,5',6)	ND	0.2	U	ND	0.3	U
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.2	U	ND	0.3	U
PCB-206 (2,2',3,3',4,4',5,5',	ND	0.2	U	ND	0.3	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

\# = Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-2

Analytical Results for Sediment

R Area Disposal Site (Site 2)

Point ID	RADSL001			RADSL002		
Sample ID	281RADST001			281RADST002		
Matrix	SEDIMENT			SEDIMENT		
Sample Date	08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Low Level Pesticides/PCBs (in µg/Kg)						
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.2	U	ND	0.3	U
PCB-28 (2,4,4')	ND	0.2	U	ND	0.3	U
PCB-44 (2,2',3,5')	ND	0.2	U	ND	0.3	U
PCB-52 (2,2',5,5')	ND	0.2	U	ND	0.3	U
PCB-66 (2,3',4,4')	0.2	0.2		ND	0.3	U
PCB-77 (3,3',4,4')	ND	0.2	U	ND	0.3	U
PCB-8 (2,4')	0.6	0.2		ND	0.3	U
TRANS-NONACHLOR	0.4	0.2		ND	0.3	U
Total Metals (in mg/Kg)						
ALUMINUM	13,600	6.1		28,700 F	10.2	
ANTIMONY	ND	1.6	U	ND	2.7	U
ARSENIC	12.7 *θ	1.0		18.0 *θ	1.8	
BARIUM	65.1	0.11	J	80.6	0.19	J
BERYLLIUM	ND	0.049	U	ND	0.080	U
CADMIUM	ND	0.070	U	ND	0.12	UJ
CALCIUM	2,970	5.4		4,400	9.0	
CHROMIUM	48.3	0.67		95.5 θΓ	1.1	
COBALT	17.8	0.19		25.1 F	0.31	
COPPER	63.9 θΓ	0.30		76.3 θΓ	0.50	
IRON	25,500	5.9		43,500	9.8	
LEAD	89.5 θΓσ	0.56		40.4	0.94	
MAGNESIUM	6,010	6.1		14,600	10.2	
MANGANESE	293	0.22		419	0.38	
MERCURY	1.6 #θΓσ	0.10		0.51 θΓσ	0.16	
MOLYBDENUM	ND	0.34	J	ND	0.56	UJ
NICKEL	61.3 #θ	1.2		98.3 #θ	2.1	
POTASSIUM	2,760	10.4	J	4,900	17.4	J
SELENIUM	ND	1.3	U	ND	2.1	U
SILVER	ND	0.25	U	ND	0.38	U
SODIUM	3,240	47.8		2,610	79.9	
THALLIUM	ND	0.75	UJ	ND	1.2	UJ
VANADIUM	54.9	0.22		105 F	0.38	
ZINC	176 θσ	0.11	J	214 θΓσ	0.19	J

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

F = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-2

Analytical Results for Sediment

R Area Disposal Site (Site 2)

Point ID	RADSL001			RADSL002		
Sample ID	281RADST001			281RADST002		
Matrix	SEDIMENT			SEDIMENT		
Sample Date	08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Anions, Solids, Sulfides, and TOC (in mg/kg)						
SULFIDE	102	0.50	J	3,050	0.50	J
TOTAL ORGANIC CARBON	9,420	100		21,800	100	
Percent Moisture (percent)						
PERCENT MOISTURE	38.0	1.0		72.0	1.0	
Miscellaneous						
PH	8.1			7.6		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-2

Analytical Results for Sediment

R Area Disposal Site (Site 2)

Point ID	RADSL001			RADSL002		
Sample ID	281RADST001			281RADST002		
Matrix	SEDIMENT			SEDIMENT		
Sample Date	08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Wet Acid Metals (in mg/L)						
ALUMINUM	13,900	16.3	J	186,000	16.3	J
ANTIMONY	ND	8.6	U	ND	9.8	U
ARSENIC	41.2 αß	2.8	J	28.8	2.8	J
BARIUM	5,220	0.30	J	1,700	0.30	J
BERYLLIUM	1.5	0.10	J	8.26	0.10	J
CADMIUM	24.5 αßγ	0.20	J	7.7 γ	0.20	J
CALCIUM	215,000	14.4	J	86,100	14.4	J
CHROMIUM	573 ßγ	1.8	J	604 ßγ	1.8	J
COBALT	309	0.50	J	211	0.50	J
COPPER	858 αγ	0.80	J	445 αγ	0.80	J
IRON	474,000 γ	15.7	J	507,000 γ	15.7	J
LEAD	2,950 αßγ	1.5	J	1,090 αßγ	1.5	J
MAGNESIUM	204,000	16.4	J	283,000	16.4	J
MANGANESE	8,410	0.60	J	4,770	0.50	J
MERCURY	ND	0.10	U	ND	0.10	U
MOLYBDENUM	ND	0.90	U	ND	0.90	U
NICKEL	1,280 αßγ	3.3	J	1,030 αßγ	3.3	J
POTASSIUM	50,500	27.8	J	45,000	27.8	J
SELENIUM	ND	3.4	U	ND	8.0	U
SILVER	ND	0.60	U	ND	0.50	U
SODIUM	119,000	128	J	57,600	128	J
THALLIUM	ND	10.0	U	ND	10.0	U
VANADIUM	1,540	0.60	J	1,610	0.60	J
ZINC	6,980 αßγ	0.30	J	3,250 αßγ	0.30	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

γ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-2

Analytical Results for Sediment

R Area Disposal Site (Site 2)

Point ID	RADSL001			RADSL002		
Sample ID	281RADST001			281RADST002		
Matrix	SEDIMENT			SEDIMENT		
Sample Date	08/02/95			08/02/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
NET DI Metals (in µg/L)						
ALUMINUM	521	16.3	J	833	16.3	J
ANTIMONY	ND	9.0	U	ND	4.4	U
ARSENIC	40.5 αß	2.8	J	16.1	2.8	J
BARIUM	18.1	0.30	J	7.8	0.30	J
BERYLLIUM	ND	0.10	U	ND	0.10	U
CADMIUM	ND	0.27	U	ND	0.25	U
CALCIUM	2,520	14.4	J	1,470	14.4	J
CHROMIUM	ND	4.4	U	ND	4.4	U
COBALT	1.5	0.50	J	0.74	0.50	J
COPPER	51.8 αγ	0.80	J	11.7 αγ	0.80	J
IRON	2,520 γ	15.7	J	1,520 γ	15.7	J
LEAD	81.0 αßγ	1.5	J	8.6 αßγ	1.5	J
MAGNESIUM	2,760	16.4	J	2,310	16.4	J
MANGANESE	54.2	0.60	J	31.4	0.60	J
MERCURY	ND	0.10	U	ND	0.10	U
MOLYBDENUM	12.7	0.90	J	7.6	0.90	J
NICKEL	10.6 αß	3.3	J	4.4	3.3	J
POTASSIUM	7,330	27.8	J	5,880	27.8	J
SELENIUM	ND	6.7	U	ND	3.4	U
SILVER	ND	0.60	U	ND	0.60	UJ
SODIUM	78,800	128	J	35,500	128	J
THALLIUM	ND	2.0	U	ND	2.0	UJ
VANADIUM	85.6	0.60	J	22.1	0.60	J
ZINC	ND	59.7	U	ND	50.6	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

γ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW001			RADSW001			RADSW001			RADSW001			RADSW002			RADSW002			RADSW002			RADSW002		
Sample ID	281RADSW001			281RADSW101			281RADSW201			281RADSW301			281RADSW002			281RADSW102			281RADSW202			281RADSW302		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			01/30/96			04/29/96			07/11/95			10/17/95			01/31/96			05/01/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/L)																								
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2,2-TETRACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-BUTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-HEXANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYL-2-PENTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACETONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U
BROMOMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON DISULFIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ETHYLBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
METHYLENE CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
STYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TETRACHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
VINYL CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
XYLENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW001			RADSW001			RADSW001			RADSW001			RADSW002			RADSW002			RADSW002			RADSW002		
Sample ID	281RADSW001			281RADSW101			281RADSW201			281RADSW301			281RADSW002			281RADSW102			281RADSW202			281RADSW302		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			01/30/96			04/25/96			07/11/95			10/17/95			01/31/96			05/01/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
1,2-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	UJ	ND	5	U	ND	5	U
1,3-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	UJ	ND	5	U	ND	5	U
1,4-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	UJ	ND	5	U	ND	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
2,4,5-TRICHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	UJ	ND	25	U	ND	25	U
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
2,4-DICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
2,4-DIMETHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
2,4-DINITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	UJ	ND	25	U	ND	25	U
2,4-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
2,6-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
2-CHLORONAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
2-CHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
2-METHYLNAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
2-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
2-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	UJ	ND	25	U	ND	25	U
2-NITROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U
3-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	UJ	ND	25	U	ND	25	U
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	UJ	ND	25	U	ND	25	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
4-CHLOROANILINE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
4-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
4-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	UJ	ND	25	U	ND	25	U
4-NITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	UJ	ND	25	U	ND	25	U
ACENAPHTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
ACENAPHTHYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
BENZO(A)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
BENZO(A)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
BENZO(B)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW001			RADSW001			RADSW001			RADSW001			RADSW002			RADSW002			RADSW002			RADSW002		
Sample ID	281RADSW001			281RADSW101			281RADSW201			281RADSW301			281RADSW002			281RADSW102			281RADSW202			281RADSW302		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			01/30/96			04/29/96			07/11/95			10/17/95			01/31/96			05/01/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
BENZO(G,H,I)PERYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	16	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	UJ	ND	4	U	ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
CARBAZOLE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
CHRYSENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
DIBENZOFURAN	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
DIETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
DIMETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
FLUORENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
HEXACHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
HEXACHLOROBUTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
HEXACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
ISOPHORONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
NAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
NITROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
PENTACHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	UJ	ND	25	U	ND	25	U
PHENANTHRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
PHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
Pesticides/PCBs (in µg/L)																								
4,4'-DDD	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4,4'-DDT	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

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Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW001			RADSW001			RADSW001			RADSW001			RADSW002			RADSW002			RADSW002			RADSW002		
Sample ID	281RADSW001			281RADSW101			281RADSW201			281RADSW301			281RADSW002			281RADSW102			281RADSW202			281RADSW302		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			01/30/96			04/29/96			07/11/95			10/17/95			01/31/96			05/01/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/L)																								
ALDRIN	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ALPHA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ALPHA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	0.04 ß	0.05	J
AROCLOR-1016	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1221	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1232	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1242	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1248	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1254	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1260	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
BETA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
DELTA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
DIELDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDOSULFAN I	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ENDOSULFAN II	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDOSULFAN SULFATE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN ALDEHYDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN KETONE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
GAMMA-BHC (LINDANE)	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
GAMMA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
HEPTACHLOR	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	0.1 ß	0.05	J
HEPTACHLOR EPOXIDE	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U
METHOXYCHLOR	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
TOXAPHENE	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Explosives (in µg/L)																								
1,3,5-TRINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,4,6-TRINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,4-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	J
2,6-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	J
2-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
3-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 285, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW001			RADSW001			RADSW001			RADSW001			RADSW002			RADSW002			RADSW002			RADSW002		
Sample ID	281RADSW001			281RADSW101			281RADSW201			281RADSW301			281RADSW002			281RADSW102			281RADSW202			281RADSW302		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			01/30/96			04/29/96			07/12/95			10/17/95			01/31/96			05/01/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/L)																								
HMX	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	J	ND	0.1	U	ND	0.1	U
NITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
RDX	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
TETRYL	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	NA			ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ
Total Metals (in µg/L)																								
ALUMINUM	248	16.3	J	771	18.8	J	619	19.1	J	1,300	34.5	J	288	16.3	J	641	18.8	J	1,450	18.0	J	424	34.5	J
ANTIMONY	ND	2.1	UJ	ND	3.0	U	ND	1.6	UJ	ND	2.3	U	ND	2.3	U	ND	3.0	U	ND	8.0	U	ND	2.3	UJ
ARSENIC	ND	2.8	UJ	ND	2.8	U	1.9	1.4	J	5.8	4.0	J	ND	2.8	U	ND	2.8	U	ND	7.0	U	ND	4.0	UJ
BARIUM	48.1	0.30	J	28.7	0.40	J	28.0	0.30	J	36.5	2.6	J	49.1	0.30	J	31.6	0.40	J	29.4	1.5	J	52.7	2.6	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.50	U	ND	0.20	U
CADMIUM	ND	0.20	U	ND	0.20	U	ND	0.20	U	0.47	0.40	J	ND	0.20	U	ND	0.20	U	ND	1.0	U	ND	0.40	U
CALCIUM	38,400	14.4	J	43,000	8.2	J	18,700	14.2	J	34,600	109	J	38,800	14.4	J	45,900	8.2	J	21,100	71.0	J	45,400	109	J
CHROMIUM	ND	1.8	U	2.0	0.50	J	2.4	0.40	J	3.6	1.4	J	ND	1.8	U	2.1	0.50	J	3.8	2.5	J	2.6	1.4	J
COBALT	0.75	0.50	J	0.64	0.50	J	ND	0.58	U	ND	1.1	U	0.58	0.50	J	0.84	0.50	J	ND	2.0	U	ND	1.1	U
COPPER	9.4 α	0.80	J	8.6 α	0.80	J	6.5 α	0.50	J	5.2 α	1.0	J	8.3 α	0.80	J	5.0 α	0.80	J	8.2 α	2.5	J	ND	3.6	UJ
IRON	735	15.7	J	1,070 β	13.8	J	1,030 β	11.0	J	1,900 β	21.7	J	747	15.7	J	1,070 β	13.8	J	2,020 β	55.0	J	1,090 β	21.7	J
LEAD	ND	1.5	U	ND	1.3	U	ND	1.1	U	ND	1.9	U	ND	1.5	U	ND	1.2	U	ND	4.0	U	ND	1.9	U
MAGNESIUM	93,500	26.9	J	111,000	25.9	J	46,100	26.1	J	74,200	159	J	91,200	26.9	J	121,000	25.9	J	33,900	81.5	J	95,800	169	J
MANGANESE	105	0.60	J	11.1	0.30	J	28.8	0.10	J	64.1	0.70	J	103	0.60	J	35.5	0.30	J	66.4	0.50	J	105	0.70	J
MERCURY	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U
MOLYBDENUM	ND	0.90	U	ND	1.2	U	ND	1.2	U	1.7	1.7	J	ND	0.90	U	2.6	1.2	J	ND	3.3	U	1.7	1.7	J
NICKEL	ND	3.3	U	6.9	1.3	J	3.9	0.70	J	ND	4.1	U	ND	3.3	U	4.5	1.3	J	5.9	3.5	J	ND	3.4	U
POTASSIUM	27,300	543	J	32,900	484	J	7,890	599	J	26,600	947	J	29,300	543	J	32,600	484	J	10,800	599	J	34,600	947	J
SELENIUM	ND	3.4	U	ND	3.9	U	ND	2.3	U	ND	3.5	U	ND	3.4	U	ND	3.9	U	ND	11.5	U	ND	3.5	U
SILVER	ND	0.60	U	ND	0.70	U	ND	0.50	U	ND	1.3	U	ND	0.60	U	ND	0.70	U	ND	2.9	U	ND	1.3	U
SODIUM	732,000	128	J	818,000	124	J	172,000	25.7	J	439,000	2,190	J	764,000	128	J	904,000	124	J	244,000	25.7	J	587,000	1,090	J
THALLIUM	ND	2.0	U	ND	1.9	U	ND	1.9	U	ND	4.7	U	ND	2.0	U	2.4	1.9	J	ND	9.5	U	ND	4.7	U
VANADIUM	ND	3.3	U	5.2	0.80	J	4.7	0.40	J	7.2	1.3	J	ND	3.4	U	5.9	0.80	J	7.5	2.0	J	6.5	1.3	J
ZINC	ND	43.3	U	ND	48.7	U	ND	10.6	U	11.1	1.2	J	ND	52.0	U	ND	65.4	U	19.8	5.0	J	ND	5.6	U
Anions, Solids, Sulfides, and TOC (in mg/L)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	5.1	0.50	J	2.0	0.50	J	3.4	0.50	J	3.1	0.50	J	5.2	0.50	J	2.3	0.50	J	6.2	0.50	J	4.2	0.50	J
TOTAL SUSPENDED SOLIDS	ND	10.0	U	33.0	10.0	J	40.0	10.0	J	124	5.3	J	ND	10.0	U	21.0	10.0	J	21.0	10.0	J	21.6	0.90	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW003			RADSW003			RADSW003			RADSW003			RADSW004			RADSW004			RADSW004			RADSW004		
Sample ID	281RADSW003			281RADSW103			281RADSW203			281RADSW303			281RADSW005			281RADSW104			281RADSW204			281RADSW304		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			01/31/96			05/01/96			07/11/95			10/17/95			01/30/96			04/29/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/L)																								
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2,2-TETRACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-BUTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-HEXANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYL-2-PENTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACETONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOMETHANE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON DISULFIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ETHYLBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
METHYLENE CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
STYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TETRACHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
VINYL CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
XYLENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW003			RADSW003			RADSW003			RADSW003			RADSW004			RADSW004			RADSW004			RADSW004		
Sample ID	281RADSW003			281RADSW103			281RADSW203			281RADSW303			281RADSW005			281RADSW104			281RADSW204			281RADSW304		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			01/31/96			05/01/95			07/11/95			10/17/95			01/30/96			04/29/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,3-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,4-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4,5-TRICHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DIMETHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DINITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2,4-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,6-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLORONAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLNAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2-NITROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ
3-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROANILINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4-NITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
ACENAPHTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACENAPHTHYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(B)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit. Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

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Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW003			RADSW003			RADSW003			RADSW003			RADSW004			RADSW004			RADSW004			RADSW004		
Sample ID	281RADSW003			281RADSW103			281RADSW203			281RADSW303			281RADSW005			281RADSW104			281RADSW204			281RADSW304		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			01/31/96			05/01/96			07/11/95			10/17/95			01/30/96			04/29/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
BENZO(G,H,I)PERYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-ETHYLHEXYL)PETHALATE	ND	4	U	ND	23	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBAZOLE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHRYSENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZOFURAN	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIMETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBUTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ISOPHORONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NITROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PENTACHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
PHENANTHRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
Pesticides/PCBs (in µg/L)																								
4,4'-DDD	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
4,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
4,4'-DDT	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.03 ß	0.1	J	ND	0.1	UJ	ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from GTOs 261, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW003			RADSW003			RADSW003			RADSW003			RADSW004			RADSW004			RADSW004			RADSW004		
Sample ID	281RADSW003			281RADSW103			281RADSW203			281RADSW303			281RADSW005			281RADSW104			281RADSW204			281RADSW304		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			01/31/96			05/01/96			07/11/95			10/17/95			01/30/96			04/29/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/L)																								
ALDRIN	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	0.01	0.05	J	ND	0.05	UJ	ND	0.05	U
ALPHA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	ND	0.05	U
ALPHA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.5	U	ND	0.5	UJ	ND	0.5	U
AROCLOR-1016	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	ND	0.5	U
AROCLOR-1221	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	ND	0.5	U
AROCLOR-1232	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	ND	0.5	U
AROCLOR-1242	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	ND	0.5	U
AROCLOR-1248	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	ND	0.5	U
AROCLOR-1254	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	ND	0.5	U
AROCLOR-1260	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	ND	0.5	U
BETA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	ND	0.05	U
DELTA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	ND	0.05	U
DIELDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.03 G	0.1	J	ND	0.1	UJ	ND	0.1	U
ENDOSULFAN I	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	ND	0.05	U
ENDOSULFAN II	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
ENDOSULFAN SULFATE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
ENDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	0.03 G	0.1	J	ND	0.1	UJ	ND	0.1	U
ENDRIN ALDEHYDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
ENDRIN KETONE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
GAMMA-BHC (LINDANE)	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	0.01	0.05	J	ND	0.05	UJ	ND	0.05	U
GAMMA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	ND	0.05	U
HEPTACHLOR	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	0.01 G	0.05	J	ND	0.05	UJ	ND	0.05	U
HEPTACHLOR EPOXIDE	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	UJ	ND	0.01	U
METHOXYCHLOR	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	ND	0.5	U
TOXAPHENE	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	UJ	ND	3	U
Explosives (in µg/L)																								
1,3,5-TRINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
2,4,6-TRINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,4-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,6-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
3-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value. NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

G = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW003			RADSW003			RADSW003			RADSW003			RADSW004			RADSW004			RADSW004			RADSW004		
Sample ID	281RADSW003			281RADSW103			281RADSW203			281RADSW303			281RADSW005			281RADSW104			281RADSW204			281RADSW304		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			01/31/96			05/01/96			07/11/95			10/17/95			01/30/96			04/29/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/L)																								
EMX	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
NITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
RDX	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA		
TETRYL	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	NA		
Total Metals (in µg/L)																								
ALUMINUM	393	16.3	J	785	18.8	J	1,080	18.0	J	920	34.5	J	205	16.3	J	1,350	18.8	J	1,250	19.1	J	3,460	34.5	J
ANTIMONY	ND	2.1	U	ND	3.0	U	ND	1.6	U	ND	2.3	U	ND	2.5	U	ND	3.0	U	ND	1.6	U	ND	2.3	U
ARSENIC	ND	2.8	U	ND	2.8	U	2.5	1.4	J	ND	4.0	U	ND	3.3	U	ND	2.8	U	2.8	1.4	J	8.5	4.0	J
BARIUM	46.8	0.30	J	38.8	0.40	J	27.6	0.30	J	55.8	2.6	J	71.6	0.30	J	41.2	0.40	J	27.9	0.30	J	58.7	2.6	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.11	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U
CADMIUM	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.40	U	ND	0.20	U	ND	0.23	U	ND	0.20	U	0.95	0.40	J
CALCIUM	39,000	14.4	J	49,500	8.2	J	21,300	14.2	J	45,300	109	J	61,200	14.4	J	47,100	8.2	J	20,000	14.2	J	29,100	109	J
CHROMIUM	ND	1.8	U	2.2	0.50	J	3.6	0.40	J	2.0	1.4	J	ND	1.8	U	8.2	0.50	J	8.2	0.40	J	8.9	1.4	J
COBALT	0.51	0.50	J	0.91	0.50	J	ND	0.61	U	ND	1.1	U	0.98	0.50	J	2.6	0.50	J	ND	1.0	U	2.2	1.1	J
COPPER	ND	6.7	U	5.5 α	0.80	J	9.5 α	0.50	J	ND	3.1	U	ND	5.3	U	8.2 α	0.80	J	8.3 α	0.50	J	9.0 α	1.0	J
IRON	777	15.7	J	1,340 ß	13.8	J	1,870 ß	11.0	J	1,580 ß	21.7	J	384	15.7	J	1,980 ß	13.8	J	1,920 ß	11.0	J	4,590 ß	21.7	J
LEAD	ND	1.5	U	ND	1.2	U	2.1	0.80	J	ND	1.9	U	ND	1.5	U	ND	1.7	U	ND	1.7	U	21.2 αß	1.9	J
MAGNESIUM	100,000	26.9	J	139,000	25.9	J	35,800	16.3	J	95,300	159	J	151,000	26.9	J	120,000	25.9	J	26,900	26.1	J	46,400	159	J
MANGANESE	105	0.60	J	87.9	0.30	J	68.9	0.10	J	125	0.70	J	173	0.60	J	90.6	0.30	J	74.3	0.10	J	128	0.70	J
MERCURY	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U
MOLYBDENUM	ND	1.1	U	2.2	1.2	J	ND	2.4	U	ND	1.7	U	ND	1.2	U	1.9	1.2	J	ND	0.68	U	4.2	1.7	J
NICKEL	ND	3.3	U	5.1	1.3	J	5.7	0.70	J	ND	3.9	U	ND	3.3	U	7.9	1.3	J	6.7	0.70	J	ND	11.5	U
POTASSIUM	30,200	543	J	37,400	484	J	11,300	599	J	34,800	947	J	49,100	543	J	32,700	484	J	7,950	599	J	18,700	947	J
SELENIUM	ND	3.4	U	ND	3.9	U	ND	2.3	U	ND	3.5	U	ND	3.4	U	ND	3.9	U	ND	2.3	U	ND	3.5	U
SILVER	ND	0.60	U	ND	0.70	U	ND	0.50	U	ND	1.3	U	ND	0.60	U	ND	0.70	U	ND	0.50	U	ND	1.3	U
SODIUM	810,000	128	J	959,000	124	J	178,000	25.7	J	700,000	1,090	J	1,340,000	128	J	926,000	124	J	178,000	25.7	J	353,000	2,190	J
THALLIUM	ND	2.0	U	ND	1.9	U	ND	1.9	U	ND	4.7	U	ND	2.0	U	ND	1.9	U	ND	1.9	U	ND	4.7	U
VANADIUM	ND	3.4	U	5.7	0.80	J	4.6	0.40	J	4.0	1.3	J	ND	4.1	U	9.8	0.80	J	7.3	0.40	J	19.6	1.3	J
ZINC	ND	24.5	U	ND	25.8	U	19.4	1.0	J	ND	8.0	J	ND	22.3	U	ND	42.1	U	ND	17.1	U	58.5	1.2	J
Anions, Solids, Sulfides, and TOC (in mg/L)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	5.2	0.50	J	3.2	0.50	J	6.4	0.50	J	4.8	0.50	J	4.3	0.50	J	6.3	0.50	J	7.2	0.50	J	24.0	1.0	J
TOTAL SUSPENDED SOLIDS	10.0	10.0	J	22.0	10.0	J	29.0	10.0	J	14.4	0.90	J	ND	10.0	U	132	10.0	J	111	10.0	J	86.4	3.6	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW005			RADSW005			RADSW005			RADSW005			RADSW005			RADSW006			RADSW006			RADSW006		
Sample ID	281RADSW006			281RADSW106			281RADSW206			281RADSW306			281RADSW007			281RADSW107			281RADSW107A			281RADSW207		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/18/95			01/30/96			04/29/96			07/11/95			10/17/95			10/26/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/L)																								
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,1,2,2-TETRACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,1,2-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,1-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,1-DICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,2-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2-BUTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2-HEXANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
4-METHYL-2-PENTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
ACETONE	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	NA			ND	10	U
BENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BROMOFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BROMOMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CARBON DISULFIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CHLOROFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
ETHYLBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
METHYLENE CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
STYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
TETRACHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
TOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
TRICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
VINYL CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
XYLENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW005			RADSW005			RADSW005			RADSW005			RADSW006			RADSW006			RADSW006			RADSW006		
Sample ID	281RADSW006			281RADSW106			281RADSW206			281RADSW306			281RADSW007			281RADSW107			281RADSW107A			281RADSW207		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/18/95			01/30/96			04/29/96			07/11/95			10/17/95			10/25/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
1,2-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	NA			ND	5	U	ND	5	U	NA			ND	5	U
1,3-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	NA			ND	5	U	ND	5	U	NA			ND	5	U
1,4-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	NA			ND	5	U	ND	5	U	NA			ND	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
2,4,5-TRICHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U	ND	25	U	NA			ND	25	U
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
2,4-DICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
2,4-DIMETHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
2,4-DINITROPHENOL	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U	ND	25	U	NA			ND	25	U
2,4-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
2,6-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
2-CHLORONAPETHALENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
2-CHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
2-METHYLNAPETHALENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
2-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
2-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U	ND	25	U	NA			ND	25	U
2-NITROPHENOL	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
3-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U	ND	25	U	NA			ND	25	U
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U	ND	25	U	NA			ND	25	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
4-CHLOROANILINE	ND	10	U	ND	10	U	ND	10	UJ	NA			ND	10	U	ND	10	U	NA			ND	10	UJ
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
4-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
4-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U	ND	25	U	NA			ND	25	U
4-NITROPHENOL	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U	ND	25	U	NA			ND	25	U
ACENAPHTHENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
ACENAPHTHYLENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
BENZO(A)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
BENZO(A)PYRENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
BENZO(B)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW005			RADSW005			RADSW005			RADSW005			RADSW006			RADSW006			RADSW006			RADSW006		
Sample ID	281RADSW006			281RADSW106			281RADSW206			281RADSW306			281RADSW007			281RADSW107			281RADSW107A			281RADSW207		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/18/95			01/30/96			04/29/96			07/11/95			10/17/95			10/26/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
BENZO(G,H,I)PERYLENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	U	ND	4	U	ND	4	U	NA			ND	4	U	ND	4	U	NA			ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
CARBAZOLE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
CHRYSENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
DIBENZOFURAN	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
DIETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
DIMETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
FLUORENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
HEXACHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
HEXACHLOROBUTADIENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
HEXACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
ISOPHORONE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
NAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
NITROBENZENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
PENTACHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U	ND	25	U	NA			ND	25	U
PHENANTHRENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
PHENOL	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
PYRENE	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U	ND	10	U	NA			ND	10	U
Pesticides/PCBs (in µg/L)																								
4,4'-DDD	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
4,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
4,4'-DDT	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

Σ = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW005			RADSW005			RADSW005			RADSW005			RADSW006			RADSW005			RADSW006			RADSW006		
Sample ID	281RADSW006			281RADSW106			281RADSW206			281RADSW306			281RADSW007			281RADSW107			281RADSW107A			281RADSW207		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/18/95			01/30/96			04/29/96			07/11/95			10/17/95			10/26/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/L)																								
ALDRIN	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
ALPHA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
ALPHA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
AROCLOR-1016	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1221	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1232	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1242	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1248	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1254	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1260	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
BETA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
DELTA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
DIELDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
ENDOSULFAN I	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
ENDOSULFAN II	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
ENDOSULFAN SULFATE	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
ENDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
ENDRIN ALDEHYDE	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
ENDRIN KETONE	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
GAMMA-BHC (LINDANE)	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
GAMMA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
HEPTACHLOR	ND	0.05	U	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
HEPTACHLOR EPOXIDE	ND	0.01	U	ND	0.01	U	ND	0.01	UJ	NA			ND	0.01	U	ND	0.01	U	NA			ND	0.01	U
METHOXYCHLOR	ND	0.5	U	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
TOXAPHENE	ND	3	U	ND	3	U	ND	3	UJ	NA			ND	3	U	ND	3	U	NA			ND	3	U
Explosives (in µg/L)																								
1,3,5-TRINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
2,4,6-TRINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
2,4-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
2,6-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
2-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
3-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
4-NITROTOLUENE	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW005			RADSW105			RADSW205			RADSW305			RADSW007			RADSW107			RADSW107A			RADSW207		
Sample ID	281RADSW005			281RADSW106			281RADSW206			281RADSW306			281RADSW007			281RADSW107			281RADSW107A			281RADSW207		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/18/95			01/30/96			04/29/96			07/11/95			10/17/95			10/26/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/L)																								
HMX	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
NITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
RDX	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
TETRYL	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	NA			ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U
Total Metals (in µg/L)																								
ALUMINUM	206	16.3	J	37,700	18.6	J	847	19.1	J	508	34.5	J	385	16.3	J	1,040	18.8	J	NA			1,330	19.1	J
ANTIMONY	ND	2.9	U	3.5	3.0	J	ND	1.6	U	ND	2.3	U	ND	2.1	U	ND	3.0	U	NA			ND	1.6	U
ARSENIC	ND	3.6	U	9.7	2.8	J	2.5	1.4	J	5.6	4.0	J	ND	3.0	U	ND	2.8	U	NA			2.1	1.4	J
BARIUM	39.2	0.30	J	211	0.40	J	30.5	0.30	J	18.6	2.6	J	48.5	0.30	J	42.7	0.40	J	NA			25.2	0.30	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	NA			ND	0.10	U
CADMIUM	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.40	U	ND	0.20	U	ND	0.20	U	NA			ND	0.20	U
CALCIUM	31,100	14.4	J	62,500	8.2	J	31,500	14.2	J	22,100	109	J	39,100	14.4	J	54,600	8.2	J	NA			28,500	14.2	J
CHROMIUM	ND	1.8	U	102 ß	0.50	J	2.8	0.40	J	1.7	1.4	J	ND	1.8	U	2.7	0.50	J	NA			4.2	0.40	J
COBALT	ND	0.50	U	27.6	0.50	J	ND	1.2	U	ND	1.1	U	ND	0.50	U	1.1	0.50	J	NA			ND	0.99	U
COPPER	3.7 α	0.80	J	82.0 αß	0.80	J	ND	5.1	U	ND	4.3	U	ND	0.8	U	6.1 α	0.80	J	NA			8.0 α	0.50	J
IRON	632	15.7	J	62,800 ß	13.8	J	1,240 ß	11.0	J	1,030 ß	21.7	J	707	15.7	J	2,150 ß	13.8	J	NA			1,940 ß	11.0	J
LEAD	1.5	1.5	J	57.3 αß	1.2	J	ND	1.3	U	ND	1.9	U	ND	1.5	U	ND	2.1	U	NA			ND	1.9	U
MAGNESIUM	56,900	26.9	J	148,000	25.9	J	62,100	26.1	J	31,400	159	J	101,000	26.9	J	144,000	25.9	J	NA			44,000	25.1	J
MANGANESE	691	0.60	J	584	0.30	J	108	0.10	J	118	0.70	J	113	0.60	J	129	0.30	J	NA			62.5	0.10	J
MERCURY	ND	0.10	U	0.66 αß	0.10	J	ND	0.10	U	NA			ND	0.10	U	ND	0.10	U	NA			ND	0.10	U
MOLYBDENUM	ND	1.1	U	2.5	1.2	J	ND	1.5	U	3.2	1.7	J	ND	0.90	U	1.4	1.2	J	NA			ND	0.91	U
NICKEL	ND	3.3	U	116 αß	1.3	J	4.9	0.70	J	ND	8.8	U	ND	3.3	U	5.2	1.3	J	NA			7.2	0.70	J
POTASSIUM	18,600	543	J	45,000	484	J	19,300	599	J	12,600	947	J	10,500	543	J	39,300	484	J	NA			6,710	599	J
SELENIUM	ND	3.4	U	ND	3.9	U	ND	2.3	U	ND	3.5	U	ND	3.4	U	ND	3.9	U	NA			ND	2.3	U
SILVER	ND	0.60	U	ND	0.70	U	ND	0.69	U	ND	1.3	U	ND	0.60	U	ND	0.70	U	NA			ND	0.50	U
SODIUM	463,000	128	J	1,040,000	124	J	468,000	25.7	J	240,000	2,190	J	209,000	128	J	1,080,000	124	J	NA			147,000	25.7	J
THALLIUM	ND	2.0	U	ND	1.9	U	ND	1.9	U	ND	4.7	U	ND	2.0	U	ND	1.9	U	NA			ND	1.9	U
VANADIUM	ND	2.8	U	139	0.80	J	5.8	0.40	J	6.4	1.3	J	ND	3.7	U	6.8	0.80	J	NA			7.3	0.40	J
ZINC	47.8	0.30	J	346 αß	1.2	J	ND	11.4	U	10.7	1.2	J	ND	24.3	U	ND	44.2	U	NA			ND	24.2	U
Anions, Solids, Sulfides, and TOC (in mg/L)																								
SULFIDE	NA			NA			NA			NA			NA			NA			ND	0.10	U	NA		
TOTAL ORGANIC CARBON	9.8	0.50	J	8.2	0.50	J	7.4	0.50	J	10.7	0.50	J	5.2	0.50	J	2.6	0.50	J	NA			6.1	0.50	J
TOTAL SUSPENDED SOLIDS	14.0	10.0	J	133	10.0	J	27.0	10.0	J	9.6	0.60	J	ND	10.0	U	47.0	10.0	J	NA			27.4	10.0	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW006			RADSW007			RADSW007			RADSW008			RADSW008			RADSW009			RADSW009			RADSW010		
Sample ID	281RADSW307			281RADSW008			281RADSW208			281RADSW209			281RADSW309			281RADSW210			281RADSW310			281RADSW011		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	05/01/96			07/12/95			01/31/96			01/29/96			04/30/96			01/29/96			04/30/96			07/12/95		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/L)																								
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2,2-TETRACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-BUTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-HEXANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYL-2-PENTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACETONE	ND	10	U	ND	10	U	ND	10	U	ND	21	UJ	ND	16	U	ND	14	UJ	ND	19	U	ND	10	U
BENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOMETHANE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON DISULFIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ETHYLBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
METHYLENE CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
STYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TETRACHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
VINYL CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
XYLENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW005			RADSW007			RADSW007			RADSW008			RADSW008			RADSW009			RADSW09			RADSW010		
Sample ID	281RADSW307			281RADSW008			281RADSW208			281RADSW209			281RADSW309			281RADSW210			281RADSW310			281RADSW011		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	05/01/96			07/12/95			01/31/96			01/29/96			04/30/96			01/29/96			04/30/96			07/12/95		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/L)																								
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,3-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,4-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4,5-TRICHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DIMETHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DINITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2,4-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,6-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLORONAPETHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLNAPETHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2-NITROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
3-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROANILINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4-NITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
ACENAPETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACENAPETHYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(B)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from GTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW006			RADSW007			RADSW007			RADSW008			RADSW008			RADSW009			RADSW009			RADSW010		
Sample ID	281RADSW307			281RADSW008			281RADSW208			281RADSW209			281RADSW309			281RADSW210			281RADSW310			281RADSW011		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	05/01/96			07/12/95			01/31/96			01/29/96			04/30/96			01/29/96			04/30/96			07/12/95		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
BENZO(G,H,I)PERYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	5	J	ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	J	ND	10	U
CARBAZOLE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	J	ND	10	U
CHRYSENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	J	ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	J	ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZOFURAN	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIMETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBUTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ISOPHORONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NITROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PENTACHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
PHENANTHRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PHENOL	ND	10	U	ND	10	U	ND	10	J	ND	10	J	ND	10	U	ND	10	U	ND	10	U	ND	10	J
PYRENE	ND	10	U	ND	10	U	ND	10	J	ND	10	J	ND	10	U	ND	10	U	ND	10	U	ND	10	J
Pesticides/PCBs (in µg/L)																								
4,4'-DDD	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.5	U
4,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.5	U
4,4'-DDT	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.5	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW006			RADSW007			RADSW007			RADSW008			RADSW008			RADSW009			RADSW009			RADSW010		
Sample ID	281RADSW307			281RADSW008			281RADSW208			281RADSW209			281RADSW309			281RADSW210			281RADSW310			281RADSW011		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	05/01/96			07/12/95			01/31/96			01/29/96			04/30/96			01/29/96			04/30/96			07/12/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/L)																								
ALDRIN	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.3	U
ALPHA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	0.04	0.05	J	ND	0.05	U	ND	0.05	U	ND	0.3	U
ALPHA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.3	U
AROCLOR-1016	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	3	U
AROCLOR-1221	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	3	U
AROCLOR-1232	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	3	U
AROCLOR-1242	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	3	U
AROCLOR-1248	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	3	U
AROCLOR-1254	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	3	U
AROCLOR-1260	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	3	U
BETA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	0.03	0.05	J	ND	0.05	U	ND	0.05	U	ND	0.3	U
DELTA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.3	U
DIELDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.5	U
ENDOSULFAN I	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.3	U
ENDOSULFAN II	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.5	U
ENDOSULFAN SULFATE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.5	U
ENDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.5	U
ENDRIN ALDEHYDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.5	U
ENDRIN KETONE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.5	U
GAMMA-BHC (LINDANE)	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.3	U
GAMMA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.3	U
HEPTACHLOR	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.3	U
HEPTACHLOR EPOXIDE	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	0.04 β	0.05	J	ND	0.01	U	ND	0.01	U	ND	0.05	U
METHOXYCHLOR	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	3	U
TOXAPHENE	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	15	U
Explosives (in µg/L)																								
1,3,5-TRINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,4,6-TRINITROTOLUENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
2,4-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,6-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
3-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW006			RADSW007			RADSW07			RADSW008			RADSW008			RADSW009			RADSW009			RADSW010		
Sample ID	281RADSW307			281RADSW008			281RADSW208			281RADSW209			281RADSW309			281RADSW210			281RADSW310			281RADSW011		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	05/01/96			07/12/95			01/31/96			01/29/96			04/30/96			01/29/96			04/30/96			07/12/95		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/L)																								
HMX	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
NITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
RDX	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
TETRYL	NA			ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
Total Metals (in µg/L)																								
ALUMINUM	915	19.5	J	ND	117	U	323	18.0	J	610	19.1	J	115	34.5	J	141	19.1	J	229	34.5	J	5,570	16.3	J
ANTIMONY	ND	2.3	U	ND	2.7	U	ND	1.6	U	ND	1.6	U	ND	2.3	U	ND	1.6	U	ND	2.3	U	ND	4.1	U
ARSENIC	ND	3.6	U	ND	3.6	U	2.6	1.4	J	2.6	1.4	J	3.1	4.0	J	2.0	1.4	J	6.4	4.0	J	22.3	2.8	J
BARIUM	49.6	2.6	J	22.3	0.30	J	52.8	0.30	J	39.6	0.30	J	65.6	2.6	J	47.5	0.30	J	91.2	2.6	J	109	0.30	J
BERYLLIUM	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.36	U	ND	0.20	U	ND	0.12	U	ND	0.20	U	ND	0.10	U
CADMIUM	ND	0.40	U	ND	0.20	U	ND	0.44	UJ	ND	1.3	U	2.4 ß	0.40	J	ND	0.20	U	2.8 ß	0.40	J	ND	0.20	U
CALCIUM	41,600	109	J	34,800	14.4	J	244,000	14.2	J	339,000	14.2	J	304,000	109	J	158,000	14.2	J	210,000	109	J	595,000	14.4	J
CHROMIUM	2.7	1.4	J	ND	1.8	U	ND	1.5	U	ND	0.40	U	ND	1.4	U	ND	0.40	U	1.4	1.4	J	ND	11.9	U
COBALT	ND	1.1	U	0.51	0.50	J	ND	1.4	UJ	80.4	0.40	J	40.4	1.1	J	32.2	0.40	J	5.1	1.1	J	129	0.50	J
COPPER	3.4 α	1.0	J	ND	7.3	U	13.1 αß	0.50	J	17.0 αß	0.50	J	ND	5.6	U	10.1 α	0.50	J	ND	5.3	U	12.0 αß	0.30	J
IRON	1,540 ß	21.5	J	601	15.7	J	755	11.0	J	10,900 ß	11.0	J	52,300 ß	21.7	J	7,640 ß	11.0	J	5,770 ß	21.7	J	219,000 ß	15.7	J
LEAD	ND	1.1	U	ND	1.5	U	2.3	0.80	J	ND	0.80	U	ND	1.9	U	ND	0.80	U	ND	1.9	U	41.5 αß	1.5	J
MAGNESIUM	87,700	78.9	J	53,400	26.9	J	196,000	16.3	J	543,000	261	J	910,000	3,160	J	140,000	131	J	381,000	159	J	1,540,000	25.9	J
MANGANESE	105	0.70	J	312	0.60	J	403	0.10	J	5,360	0.10	J	9,030	0.70	J	4,250	0.10	J	2,610	0.70	J	11,300	0.60	J
MERCURY	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	0.26 αß	0.20	J	0.35 αß	0.10	J
MOLYBDENUM	ND	1.3	U	ND	1.1	U	ND	2.8	UJ	ND	0.60	U	ND	1.7	U	ND	0.60	U	12.8	1.7	J	ND	0.90	U
NICKEL	8.6 αß	1.7	J	ND	3.3	U	12.8 αß	0.70	J	171 αß	0.70	J	30.8 αß	1.7	J	51.7 αß	0.70	J	ND	12.6	U	211 αß	3.3	J
POTASSIUM	32,900	98.2	J	20,400	543	J	51,300	3,000	J	117,000	5,990	J	155,000	18,900	J	65,100	3,000	J	77,100	9,470	J	309,000	543	J
SELENIUM	ND	3.5	U	ND	5.1	U	1.4	2.3	J	ND	2.3	U	3.9	3.5	J	ND	2.3	U	ND	3.5	U	ND	3.4	U
SILVER	ND	1.2	U	ND	0.60	U	ND	0.50	U	ND	0.50	U	ND	1.3	U	ND	0.50	U	ND	1.3	U	ND	0.60	U
SODIUM	672,000	2,100	J	485,000	128	J	1,230,000	128	J	3,220,000	257	J	5,220,000	4,380	J	1,630,000	129	J	2,300,000	2,190	J	9,360,000	128	J
THALLIUM	ND	3.6	U	ND	2.0	U	ND	1.9	UJ	ND	2.1	U	ND	4.7	U	ND	6.0	U	ND	4.7	U	ND	2.0	U
VANADIUM	5.1	1.2	J	ND	2.8	U	3.8	0.40	J	ND	0.40	U	3.3	1.3	J	ND	1.1	U	3.4	1.3	J	13.7	0.60	J
ZINC	9.8	1.2	J	63.1	0.30	J	13.1	1.0	J	234 αß	1.0	J	17.9	1.2	J	81.0	1.0	J	11.2	1.2	J	265 αß	0.30	J
Anions, Solids, Sulfides, and TOC (in mg/L)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	19.4	2.5	J	12.4	0.50	J	23.8	0.50	J	97.1	0.50	J	29.2	1.0	J	39.1	0.50	J	71.4	2.5	J	59.2	0.50	J
TOTAL SUSPENDED SOLIDS	25.8	1.2	J	ND	10.0	U	34.0	10.0	J	99.0	10.0	J	105	3.3	J	52.0	10.0	J	103	5.0	J	5,370	20.0	J

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW010			RADSW010			RADSW011			RADSW011			RADSW011			RADSW012			RADSW013			RADSW013		
Sample ID	281RADSW211			281RADSW311			281RADSW012			281RADSW212			281RADSW312			281RADSW213			281RADSW015			281RADSW215		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	01/29/96			04/30/96			07/12/95			01/29/96			04/30/96			01/31/96			07/12/95			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/L)																								
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
1,1,2,2-TETRACHLOROETHANE	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
1,1,2-TRICHLOROETHANE	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
1,1-DICHLOROETHANE	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
1,1-DICHLOROETHENE	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
1,2-DICHLOROETHANE	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
2-BUTANONE	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
2-HEXANONE	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
4-METHYL-2-PENTANONE	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
ACETONE	ND	10	U	ND	16	J	ND	10	U	ND	22	UJ	ND	14	U	ND	10	UJ	ND	10	UJ	ND	10	UJ
BENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
CARBON DISULFIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ETHYLBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
METHYLENE CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
STYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TETRACHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
VINYL CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
XYLENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW010			RADSW010			RADSW011			RADSW011			RADSW011			RADSW012			RADSW013			RADSW013		
Sample ID	281RADSW211			281RADSW311			281RADSW012			281RADSW212			281RADSW312			281RADSW213			281RADSW015			281RADSW215		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	01/29/96			04/30/96			07/12/95			01/28/96			04/30/96			01/31/96			07/12/95			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,3-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,4-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4,5-TRICHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DIMETHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DINITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	UJ	ND	25	U
2,4-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,6-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLORONAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLNAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2-NITROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	UJ
3-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROANILINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4-NITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
ACENAPHTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACENAPHTHYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(B)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value. NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW010			RADSW010			RADSW011			RADSW011			RADSW011			RADSW012			RADSW013			RADSW013		
Sample ID	281RADSW211			281RADSW311			281RADSW012			281RADSW212			281RADSW312			281RADSW213			281RADSW015			281RADSW215		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	01/29/96			04/30/96			07/12/95			01/29/96			04/30/96			01/31/96			07/12/95			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
BENZO(G,H,I)PERYLENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	U	ND	3	U	ND	4	UJ	ND	4	UJ	ND	4	U	ND	4	U	ND	4	U	ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBAZOLE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHRYSENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZOFURAN	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIMETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORANTHENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBENZENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBUTADIENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROETHANE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ISOPHORONE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NAPHTHALENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NITROBENZENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PENTACHLOROPHENOL	ND	25	U	ND	25	U	ND	25	UJ	ND	25	UJ	ND	25	U	ND	25	U	ND	25	U	ND	25	U
PHENANTHRENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PHENOL	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PYRENE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
Pesticides/PCBs (in µg/L)																								
4,4'-DDD	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4,4'-DDE	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4,4'-DDT	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW010			RADSW010			RADSW011			RADSW011			RADSW011			RADSW012			RADSW013			RADSW013		
Sample ID	281RADSW211			281RADSW311			281RADSW012			281RADSW212			281RADSW312			281RADSW213			281RADSW015			281RADSW215		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	01/29/96			04/30/96			07/12/95			01/29/96			04/30/96			01/31/96			07/12/95			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/L)																								
ALDRIN	ND	0.05	UJ	ND	0.05	U	ND	0.05	UJ	ND	0.05	UJ	0.03	0.05	J	ND	0.05	U	ND	0.05	U	ND	0.05	U
ALPHA-BHC	ND	0.05	UJ	0.07	0.05	J	ND	0.05	UJ	ND	0.05	UJ	0.03	0.05	J	ND	0.05	U	ND	0.05	U	ND	0.05	U
ALPHA-CHLORDANE	ND	0.05	UJ	ND	0.05	U	ND	0.05	UJ	ND	0.05	UJ	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
AROCLOR-1016	ND	0.5	UJ	ND	0.5	U	ND	0.5	UJ	ND	0.5	UJ	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1221	ND	0.5	UJ	ND	0.5	U	ND	0.5	UJ	ND	0.5	UJ	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1232	ND	0.5	UJ	ND	0.5	U	ND	0.5	UJ	ND	0.5	UJ	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1242	ND	0.5	UJ	ND	0.5	U	ND	0.5	UJ	ND	0.5	UJ	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1248	ND	0.5	UJ	ND	0.5	U	ND	0.5	UJ	ND	0.5	UJ	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1254	ND	0.5	UJ	ND	0.5	U	ND	0.5	UJ	ND	0.5	UJ	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1260	ND	0.5	UJ	ND	0.5	U	ND	0.5	UJ	ND	0.5	UJ	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
BETA-BHC	ND	0.05	UJ	ND	0.05	U	ND	0.05	UJ	ND	0.05	UJ	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
DELTA-BHC	ND	0.05	UJ	ND	0.05	U	ND	0.05	UJ	ND	0.05	UJ	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
DIELDRIN	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDOSULFAN I	ND	0.05	UJ	ND	0.05	U	ND	0.05	UJ	ND	0.05	UJ	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ENDOSULFAN II	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDOSULFAN SULFATE	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN ALDEHYDE	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN KETONE	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
GAMMA-BHC (LINDANE)	ND	0.05	UJ	ND	0.05	U	ND	0.05	UJ	ND	0.05	UJ	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
GAMMA-CHLORDANE	ND	0.05	UJ	ND	0.05	U	ND	0.05	UJ	ND	0.05	UJ	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
HEPTACHLOR	ND	0.05	UJ	ND	0.05	U	ND	0.05	UJ	ND	0.05	UJ	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
HEPTACHLOR EPOXIDE	ND	0.01	UJ	ND	0.01	U	ND	0.01	UJ	ND	0.01	UJ	0.01 ß	0.05	J	ND	0.01	U	ND	0.01	U	ND	0.01	U
METHOXYCHLOR	ND	0.5	UJ	ND	0.5	U	ND	0.5	UJ	ND	0.5	UJ	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
TOXAPHENE	ND	3	UJ	ND	3	U	ND	3	UJ	ND	3	UJ	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Explosives (in µg/L)																								
1,3,5-TRINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
2,4,6-TRINITROTOLUENE	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
2,4-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
2,6-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
2-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
3-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
4-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & C33

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW010			RADSW010			RADSW011			RADSW011			RADSW011			RADSW012			RADSW013			RADSW013		
Sample ID	281RADSW211			281RADSW311			281RADSW012			281RADSW212			281RADSW312			281RADSW213			281RADSW015			281RADSW215		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	01/29/96			04/30/96			07/12/95			01/29/96			04/30/96			01/31/96			07/12/95			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/L)																								
HMX	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
NITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
RDX	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
TETRYL	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U
Total Metals (in µg/L)																								
ALUMINUM	ND	96.5	U	704	34.5	J	578	16.3	J	258	19.1	J	84.2	34.5	J	682	18.0	J	ND	91.0	U	184	18.0	J
ANTIMONY	ND	1.6	U	ND	2.3	U	ND	2.1	U	ND	1.6	U	ND	2.3	U	ND	1.6	U	ND	2.5	U	ND	1.6	U
ARSENIC	2.5	1.4	J	22.9	4.0	J	23.9	2.6	J	3.2	1.4	J	3.6	4.0	J	2.7	1.4	J	ND	9.9	U	ND	1.4	U
BARIUM	87.8	0.30	J	114	2.6	J	133	0.30	J	40.2	0.30	J	50.0	2.6	J	43.9	0.30	J	80.8	0.30	J	49.1	0.30	J
BERYLLIUM	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.22	U	ND	0.20	U	ND	0.14	U	ND	0.20	U	ND	0.17	U
CADMIUM	ND	0.20	U	8.3 ß	0.40	J	ND	0.20	UJ	ND	0.97	U	0.65	0.40	J	ND	0.64	U	ND	0.20	U	1.8 ß	0.20	J
CALCIUM	232,000	14.2	J	459,000	109	J	123,000	14.4	J	137,000	14.2	J	341,000	109	J	118,000	14.2	J	324,000	14.4	J	192,000	14.2	J
CHROMIUM	ND	0.40	U	6.3	1.4	J	ND	5.1	U	ND	0.40	U	ND	1.4	U	ND	1.4	U	ND	1.8	U	ND	0.40	U
COBALT	14.7	0.40	J	37.8	1.1	J	20.8	0.50	J	62.3	0.40	J	12.2	1.1	J	17.0	0.40	J	56.9	0.50	J	27.9	0.40	J
COPPER	ND	4.8	U	17.9 αß	1.0	J	10.6 α	0.80	J	12.8 αß	0.50	J	ND	3.2	U	10.5 α	0.50	J	ND	6.0	U	8.2 α	0.50	J
IRON	1,810 ß	11.0	J	221,000 ß	21.7	J	53,200 ß	15.7	J	8,340 ß	11.0	J	20,200 ß	21.7	J	1,760 ß	11.0	J	45,500 ß	15.7	J	2,730 ß	11.0	J
LEAD	ND	0.80	U	ND	1.9	U	7.4 ß	1.5	J	ND	0.80	U	ND	1.9	U	ND	0.80	U	3.9 ß	1.5	J	ND	0.80	U
MAGNESIUM	106,000	131	J	991,000	159	J	290,000	26.9	J	351,000	131	J	703,000	159	J	145,000	16.3	J	864,000	26.9	J	177,000	16.3	J
MANGANESE	3,290	0.10	J	8,960	0.70	J	4,540	0.60	J	3,470	0.10	J	2,140	0.70	J	1,820	0.10	J	7,020	0.60	J	3,020	0.10	J
MERCURY	ND	0.10	U	0.30 αß	0.20	J	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.10	U
MOLYBDENUM	ND	3.3	U	2.2	1.7	J	6.3	0.90	J	ND	0.60	U	3.3	1.7	J	ND	0.76	U	ND	0.90	U	ND	0.90	U
NICKEL	41.3 αß	0.70	J	80.0 αß	1.7	J	ND	41.6	U	156 αß	0.70	J	20.7 αß	1.7	J	59.8 αß	0.70	J	ND	70.2	U	81.2 αß	0.70	J
POTASSIUM	60,200	3,000	J	245,000	18,900	J	89,100	543	J	84,800	3,000	J	113,000	18,900	J	30,600	3,000	J	216,000	543	J	41,300	3,000	J
SELENIUM	ND	2.3	U	4.1	3.5	J	ND	3.4	UJ	ND	2.3	U	ND	3.5	U	ND	2.3	U	ND	3.4	U	ND	2.3	U
SILVER	ND	0.90	U	ND	1.3	U	ND	0.60	U	ND	0.56	U	ND	1.3	U	ND	0.50	U	ND	0.60	U	ND	0.50	U
SODIUM	1,870,000	129	J	5,100,000	4,380	J	2,280,000	128	J	2,270,000	129	J	3,910,000	4,380	J	807,000	128	J	5,560,000	128	J	942,000	128	J
THALLIUM	ND	1.9	U	ND	4.7	U	ND	2.0	U	ND	2.6	U	ND	4.7	U	ND	1.9	U	6.3	2.0	J	4.4	1.9	J
VANADIUM	ND	1.2	U	26.1	1.3	J	18.5	0.60	J	ND	0.78	U	2.3	1.3	J	ND	3.2	U	ND	2.6	U	ND	0.40	U
ZINC	29.4	1.0	J	51.8	1.2	J	101 αß	0.30	J	169 αß	1.0	J	15.7	1.2	J	55.4	1.0	J	57.8	0.30	J	111 αß	1.0	J
Anions, Solids, Sulfides, and TOC (in mg/L)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	28.8	0.50	J	56.7	2.5	J	63.8	0.50	J	30.3	0.50	J	54.5	2.5	J	20.6	0.50	J	53.4	0.50	J	25.5	0.50	J
TOTAL SUSPENDED SOLIDS	42.0	10.0	J	1,780	50.0	J	238	10.0	J	45.0	10.0	J	502	12.5	J	45.0	10.0	J	228	10.0	J	51.0	10.0	J

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW014			RADSW014			RADSW014			RADSW015			RADSW015			RADSW015			RADSW016			RADSW016		
Sample ID	281RADSW016			281RADSW216			281RADSW316			281RADSW017			281RADSW217			281RADSW317			281RADSW018			281RADSW218		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/12/95			01/31/96			04/30/96			07/12/95			01/25/96			04/30/96			07/12/95			01/29/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/L)																								
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2,2-TETRACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-BUTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-HEXANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYL-2-PENTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACETONE	ND	10	UJ	ND	10	U	ND	11	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U
BENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOMETHANE	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON DISULFIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ETHYLBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
METHYLENE CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
STYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TETRACHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
VINYL CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
XYLENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

2 = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW014			RADSW014			RADSW014			RADSW015			RADSW015			RADSW015			RADSW016			RADSW016		
Sample ID	281RADSW016			281RADSW216			281RADSW316			281RADSW017			281RADSW217			281RADSW317			281RADSW018			281RADSW218		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/12/95			01/31/96			04/30/96			07/12/95			01/29/96			04/30/96			07/12/95			01/29/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
1,2-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	50	U
1,3-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	50	U
1,4-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	50	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
2,4,5-TRICHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	250	UJ
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
2,4-DICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
2,4-DIMETHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
2,4-DINITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	250	UJ
2,4-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
2,6-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
2-CHLORONAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
2-CHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
2-METHYLNAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
2-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
2-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	250	UJ
2-NITROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
3-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	250	UJ
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	250	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
4-CHLOROANILINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
4-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
4-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	250	UJ
4-NITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	250	UJ
ACENAPHTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
ACENAPHTHYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
BENZO(A)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
BENZO(A)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA		
BENZO(B)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW014			RADSW014			RADSW014			RADSW015			RADSW015			RADSW015			RADSW016			RADSW016		
Sample ID	281RADSW015			281RADSW216			281RADSW315			281RADSW017			281RADSW217			281RADSW317			281RADSW018			281RADSW218		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/12/95			01/31/96			04/30/96			07/12/95			01/29/96			04/30/96			07/12/95			01/29/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/L)																								
BENZO(G,H,I)PERYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA		
BENZO(K)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	40	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
CARBAZOLE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
CHRYSENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA		
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA		
DIBENZOFURAN	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
DIETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
DIMETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
FLUORENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
HEXACHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
HEXACHLOROBUTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
HEXACHLOROCYCLOPENTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	UJ
HEXACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA		
ISOPHORONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
NAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
NITROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
PENTACHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	250	U
PHENANTHRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
PHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	100	U
Pesticides/PCBs (in ug/L)																								
4,4'-DDD	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4,4'-DDT	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTCs 281, 283, & 023

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW014			RADSW014			RADSW014			RADSW015			RADSW015			RADSW015			RADSW016			RADSW016		
Sample ID	281RADSW016			281RADSW216			281RADSW316			281RADSW017			281RADSW217			281RADSW317			281RADSW018			281RADSW218		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/12/95			01/31/96			04/30/96			07/12/95			01/29/96			04/30/96			07/12/95			01/29/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/L)																								
ALDRIN	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ALPHA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ALPHA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
AROCLOR-1016	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1221	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1232	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1242	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1248	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1254	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1260	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
BETA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
DELTA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
DIELDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDOSULFAN I	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ENDOSULFAN II	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDOSULFAN SULFATE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN ALDEHYDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN KETONE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
GAMMA-BHC (LINDANE)	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
GAMMA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
HEPTACHLOR	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
HEPTACHLOR EPOXIDE	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U
METHOXYCHLOR	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
TOXAPHENE	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Explosives (in µg/L)																								
1,3,5-TRINITROBENZENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,4,6-TRINITROTOLUENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U
2,4-DINITROTOLUENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,6-DINITROTOLUENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2-NITROTOLUENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
3-NITROTOLUENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4-NITROTOLUENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW014			RADSW014			RADSW014			RADSW015			RADSW015			RADSW015			RADSW016			RADSW016		
Sample ID	281RADSW016			281RADSW216			281RADSW316			281RADSW017			281RADSW217			281RADSW317			281RADSW018			281RADSW218		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/12/95			01/31/96			04/30/96			07/12/95			01/29/96			04/30/96			07/12/95			01/29/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/L)																								
HMX	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U
NITROBENZENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U
RDX	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U
TETRYL	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U
Total Metals (in µg/L)																								
ALUMINUM	ND	75.1	U	349	18.0	J	107	34.5	J	158	16.3	J	ND	72.8	U	1,220	34.5	J	ND	97.6	U	ND	110	U
ANTIMONY	ND	2.1	U	ND	1.5	U	ND	2.3	U	ND	2.5	U	ND	1.6	U	ND	2.3	U	ND	2.5	U	ND	1.6	U
ARSENIC	ND	13.9	U	3.3	1.4	J	5.6	4.0	J	ND	12.1	U	1.6	1.4	J	8.4	4.0	J	ND	10.6	U	3.2	1.4	J
BARIUM	161	0.30	J	218	0.30	J	172	2.6	J	247	0.30	J	222	0.30	J	282	2.6	J	316	0.30	J	230	0.30	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U
CADMIUM	ND	0.20	U	ND	0.45	U	ND	0.40	U	ND	0.20	U	ND	0.30	U	0.44	0.40	J	ND	0.20	U	ND	0.28	U
CALCIUM	395,000	14.4	J	240,000	14.2	J	551,000	109	J	330,000	14.4	J	262,000	14.2	J	274,000	109	J	314,000	14.4	J	269,000	14.2	J
CHROMIUM	ND	1.8	U	ND	0.40	U	ND	1.4	U	ND	1.8	U	ND	0.40	U	3.2	1.4	J	ND	1.8	U	ND	0.67	U
COBALT	3.1	0.50	J	7.5	0.40	J	4.8	1.1	J	2.8	0.50	J	3.5	0.40	J	6.3	1.1	J	3.4	0.50	J	3.8	0.40	J
COPPER	ND	5.8	U	14.5 αß	0.50	J	5.8 α	1.0	J	ND	5.1	U	10.4 α	0.50	J	7.9 α	1.0	J	ND	4.4	U	11.8 α	0.50	J
IRON	4,830 ß	15.7	J	3,740 ß	11.0	J	2,670 ß	21.7	J	1,030 ß	15.7	J	731	11.0	J	5,800 ß	21.7	J	2,850 ß	15.7	J	891	11.0	J
LEAD	2.3	1.5	J	ND	0.80	U	ND	1.9	U	ND	1.5	U	ND	0.80	U	ND	1.9	U	ND	1.5	U	ND	0.80	U
MAGNESIUM	535,000	26.9	J	268,000	16.3	J	528,000	159	J	567,000	26.9	J	281,000	131	J	412,000	159	J	537,000	26.9	J	101,000	131	J
MANGANESE	1,420	0.60	J	1,750	0.10	J	749	0.70	J	1,540	0.60	J	1,100	0.10	J	2,620	0.70	J	1,650	0.60	J	1,180	0.10	J
MERCURY	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U
MOLYBDENUM	8.5	0.90	J	ND	8.0	U	12.9	1.7	J	10.2	0.90	J	6.6	0.60	J	12.1	1.7	J	8.1	0.90	J	6.6	0.60	J
NICKEL	ND	15.7	U	26.8 αß	0.70	J	18.7 αß	1.7	J	ND	12.7	U	17.8 αß	0.70	J	17.2 αß	1.7	J	ND	13.9	U	18.5 αß	0.70	J
POTASSIUM	124,000	543	J	51,500	3,000	J	76,400	9,470	J	103,000	543	J	43,300	3,000	J	85,700	947	J	93,300	543	J	45,900	3,000	J
SELENIUM	ND	3.6	U	ND	2.3	U	ND	3.6	U	ND	3.4	U	ND	2.3	U	ND	3.5	U	ND	3.7	U	ND	2.3	U
SILVER	ND	0.60	U	ND	0.80	U	ND	1.3	U	ND	0.80	U	ND	0.80	U	ND	1.3	U	ND	0.80	U	ND	0.80	U
SODIUM	4,160,000	128	J	1,760,000	128	J	3,000,000	2,190	J	3,720,000	128	J	1,660,000	129	J	2,440,000	2,190	J	3,580,000	128	J	1,730,000	129	J
THALLIUM	ND	2.0	U	ND	1.9	U	ND	4.7	U	ND	2.0	U	ND	1.9	U	ND	4.7	U	ND	2.0	U	ND	1.9	U
VANADIUM	ND	4.3	U	ND	2.7	U	11.8	1.3	J	ND	2.3	U	ND	1.6	U	6.5	1.3	J	ND	2.4	U	ND	1.8	U
ZINC	ND	35.9	U	46.0	1.0	J	11.8	1.2	J	ND	41.7	U	ND	18.2	U	25.4	1.2	J	ND	37.2	U	ND	16.7	U
Anions, Solids, Sulfides, and TOC (in mg/L)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	72.3	0.50	J	22.8	0.50	J	38.6	1.0	J	65.2	0.50	J	32.5	0.50	J	25.7	1.0	J	60.6	0.50	J	28.5	0.50	J
TOTAL SUSPENDED SOLIDS	72.0	10.0	J	93.0	10.0	J	15.1	0.50	J	87.0	10.0	J	49.0	10.0	J	11.6	0.50	J	63.0	10.0	J	53.0	10.0	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 285, & G33

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSWC16			RADSW017			RADSWC17			RADSWC17		
Sample ID	281RADSW318			281RADSW019			281RADSW219			281RADSW319		
Matrix	SWATER			SWATER			SWATER			SWATER		
Sample Date	04/30/96			07/12/95			01/31/96			04/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/L)												
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2,2-TETRACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-BUTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-HEXANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METEYL-2-PENTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACETONE	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
BENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOMETHANE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U
CARBON DISULFIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ETHYLBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
METHYLENE CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
STYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TETRACHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
VINYL CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
XYLENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW015			RADSW017			RADSW017			RADSW017		
Sample ID	281RADSW318			281RADSW019			281RADSW219			281RADSW319		
Matrix	SWATER			SWATER			SWATER			SWATER		
Sample Date	04/30/96			07/12/96			01/31/96			04/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)												
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,3-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,4-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4,5-TRICHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DIMETHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DINITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2,4-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,6-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLORONAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLNAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2-NITROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U
3-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROANILINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4-NITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U
ACENAPHTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACENAPHTHYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(B)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW016			RADSW017			RADSW017			RADSW017		
Sample ID	281RADSW318			281RADSW019			281RADSW219			281RADSW319		
Matrix	SWATER			SWATER			SWATER			SWATER		
Sample Date	04/30/96			07/12/95			01/31/96			04/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)												
BENZO(G,H,I)PERYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CELOROETHOXY)METHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	U	ND	4	U	ND	4	U	ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBAZOLE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHRYSENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZOFURAN	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIMETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBUTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U
HEXACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ISOPHORONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NITROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PENTACHLOROPHENOL	ND	25	U	ND	10	U	ND	25	U	ND	25	U
PHENANTHRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U
Pesticides/PCBs (in µg/L)												
4,4'-DDD	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4,4'-DDT	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 293, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW016			RADSW017			RADSW017			RADSW017		
Sample ID	281RADSW318			281RADSW019			281RADSW219			281RADSW319		
Matrix	SWATER			SWATER			SWATER			SWATER		
Sample Date	04/30/96			07/12/95			01/31/96			04/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/L)												
ALDRIN	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ALPHA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ALPHA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
AROCLOR-1016	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1221	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1232	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1242	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1248	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1254	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1260	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
BETA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
DELTA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
DIELDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDOSULFAN I	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ENDOSULFAN II	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDOSULFAN SULFATE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN ALDEHYDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN KETONE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
GAMMA-BHC (LINDANE)	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
GAMMA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
HEPTACHLOR	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
HEPTACHLOR EPOXIDE	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U
METHOXYCHLOR	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
TOXAPHENE	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Explosives (in µg/L)												
1,3,5-TRINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,4,6-TRINITROTOLUENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
2,4-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,6-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
3-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-3

Analytical Results for Surface Water

R Area Disposal Site (Site 2)

Point ID	RADSW016			RADSW017			RADSW017			RADSW017		
Sample ID	281RADSW318			281RADSW019			281RADSW219			281RADSW319		
Matrix	SWATER			SWATER			SWATER			SWATER		
Sample Date	04/30/96			07/12/95			01/31/96			04/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Explosives (in µg/L)												
HMX	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
NITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
RDX	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
TETRYL	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
Total Metals (in µg/L)												
ALUMINUM	1,370	34.5	J	ND	52.8	U	ND	149	U	47.6	34.5	J
ANTIMONY	ND	2.3	U	ND	2.2	U	ND	1.6	U	ND	2.3	U
ARSENIC	13.4	4.0	J	18.7	2.8	J	2.7	1.4	J	15.9	4.0	J
BARIUM	196	2.6	J	195	0.30	J	48.6	0.30	J	81.7	2.6	J
BERYLLIUM	ND	0.20	U	ND	0.10	U	ND	0.11	U	ND	0.20	U
CADMIUM	1.8 ß	0.40	J	ND	0.20	U	ND	0.20	U	ND	0.40	U
CALCIUM	268,000	109	J	321,000	14.4	J	85,600	14.2	J	129,000	109	J
CHROMIUM	5.5	1.4	J	ND	1.8	U	ND	0.59	U	ND	1.4	U
COBALT	9.7	1.1	J	2.5	0.50	J	ND	0.56	U	3.3	1.1	J
COPPER	9.2 α	1.0	J	ND	2.5	U	11.3 α	0.50	J	ND	4.1	U
IRON	23,200 ß	21.7	J	5,830 ß	15.7	J	292	11.0	J	8,120 ß	21.7	J
LEAD	2.9	1.9	J	ND	1.5	U	ND	0.80	U	ND	1.9	U
MAGNESIUM	345,000	159	J	486,000	26.9	J	87,700	15.3	J	148,000	159	J
MANGANESE	3,060	0.70	J	3,180	0.60	J	560	0.10	J	3,140	0.70	J
MERCURY	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.20	U
MOLYBDENUM	19.8	1.7	J	ND	5.5	U	ND	5.1	U	7.8	1.7	J
NICKEL	28.6 αß	1.7	J	ND	2.4	U	6.6	0.70	J	ND	10.0	U
POTASSIUM	72,600	947	J	85,500	543	J	22,400	599	J	38,400	947	J
SELENIUM	ND	3.6	U	ND	3.4	U	2.5	2.3	J	ND	3.5	U
SILVER	ND	1.3	U	ND	0.60	U	ND	0.50	U	ND	1.3	U
SODIUM	2,020,000	2,190	J	3,370,000	128	J	561,000	25.7	J	802,000	1,090	J
THALLIUM	ND	4.7	U	ND	2.0	U	ND	1.9	U	ND	4.7	U
VANADIUM	19.5	1.3	J	ND	2.7	U	ND	3.5	U	5.0	1.3	J
ZINC	35.0	1.2	J	ND	26.3	U	ND	13.4	U	ND	7.4	U
Anions, Solids, Sulfides, and TOC (in mg/L)												
SULFIDE	NA			NA			NA			NA		
TOTAL ORGANIC CARBON	36.5	1.0	J	49.6	0.50	J	10.7	0.50	J	23.4	1.0	J
TOTAL SUSPENDED SOLIDS	77.5	2.5	J	48.0	10.0	J	ND	10.0	U	82.0	5.0	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from GTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-4

Analytical Results for Tissue

R Area Disposal Site (Site 2)

Point ID	RADC001			RADC002			RADC003			RADSB007			RADSB017			RADSBID6		
Sample ID	217RAC1			217RAC2			217RAC3			217RADT1503			217RADT1502			217RADT1501		
Matrix	MOTISSUE			MOTISSUE			MOTISSUE			PWTISSUE			PWTISSUE			PWTISSUE		
Sample Date	09/07/98			09/07/98			09/06/98			06/25/98			06/25/98			06/25/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ng/wipe)																		
2,4'-DDD	1	1	U	2	2	UJ	1	1	U	NA			NA			NA		
2,4'-DDE	0.6	0.6	U	1	1	UJ	0.6	0.6	U	NA			NA			NA		
2,4'-DDT	0.4	0.4	UJ	0.8	0.8	UJ	0.4	0.4	UJ	NA			NA			NA		
4,4'-DDD	1	1	U	3	3	U	1	1	U	NA			NA			NA		
4,4'-DDE	5	5	U	10	10	UJ	5	5	U	NA			NA			NA		
4,4'-DDT	0.9	0.4	J	0.7	0.7	UJ	0.3	0.3	UJ	NA			NA			NA		
ALDRIN	0.2	0.2	U	0.5	0.5	U	0.2	0.2	U	NA			NA			NA		
ALPHA-BHC	0.5	0.5	U	1	1	J	0.8	0.5		NA			NA			NA		
ALPHA-CHLORDANE	0.7	0.7	U	1	1	UJ	0.7	0.7	U	NA			NA			NA		
BETA-BHC	0.3	0.3	U	0.5	0.5	UJ	0.2	0.2	U	NA			NA			NA		
CIS-NONACHLOR	3	3	U	6	6	U	3	3	U	NA			NA			NA		
DELTA-BHC	0.3	0.3	U	0.6	0.6	U	0.3	0.3	U	NA			NA			NA		
DIELDRIN	0.3	0.3	U	0.5	0.5	UJ	0.2	0.2	U	NA			NA			NA		
ENDOSULFAN I	0.2	0.2	U	0.4	0.4	UJ	0.2	0.2	U	NA			NA			NA		
ENDOSULFAN II	2	2	U	3	3	U	2	2	U	NA			NA			NA		
ENDOSULFAN SULFATE	0.3	0.3	UJ	0.5	0.5	UJ	0.3	0.3	UJ	NA			NA			NA		
ENDRIN	0.2	0.2	UJ	0.4	0.4	UJ	0.2	0.2	UJ	NA			NA			NA		
ENDRIN ALDEHYDE	0.2	0.2	U	0.4	0.4	U	0.2	0.2	U	NA			NA			NA		
ENDRIN KETONE	0.3	0.3	U	0.6	0.6	U	0.3	0.3	U	NA			NA			NA		
GAMMA-BHC (LINDANE)	0.2	0.2	U	0.4	0.4	UJ	0.2	0.2	U	NA			NA			NA		
GAMMA-CHLORDANE	0.4	0.4	J	0.8	0.8	UJ	0.4	0.4	U	NA			NA			NA		
HEPTACHLOR	0.3	0.3	UJ	0.6	0.6	UJ	0.3	0.3	UJ	NA			NA			NA		
HEPTACHLOR EPOXIDE	0.2	0.2	U	0.4	0.4	UJ	0.2	0.2	U	NA			NA			NA		
HEXACHLOROBENZENE	0.4	0.4	U	0.7	0.7	U	0.4	0.4	U	NA			NA			NA		
METHOXYCHLOR	0.7	0.7	UJ	16	1	J	2	0.7	J	NA			NA			NA		
MIREX	0.4	0.4	U	0.7	0.7	U	0.4	0.4	U	NA			NA			NA		
OXYCHLORDANE	0.4	0.4	U	0.8	0.8	UJ	0.4	0.4	U	NA			NA			NA		
PCB-101 (2,2',3,5,5')	2	2	UJ	5	5	UJ	2	2	UJ	NA			NA			NA		
PCB-105 (2,3,3',4,4')	0.5	0.5	U	1	1	U	0.5	0.5	U	NA			NA			NA		
PCB-114 (2,3,4,4',5)	0.5	0.4	J	0.8	0.8	J	0.4	0.4	UJ	NA			NA			NA		
PCB-118 (2,3',4,4',5)	2	2	U	3	3	UJ	2	2	U	NA			NA			NA		
PCB-123 (2',3,4,4',5)	0.8	0.8	UJ	2	2	UJ	0.8	0.8	UJ	NA			NA			NA		
PCB-126 (3,3',4,4',5)	0.6	0.6	U	1	1	U	0.6	0.6	U	NA			NA			NA		
PCB-128 (2,2',3,3',4,4')	0.5	0.4	J	0.7	0.7	UJ	0.3	0.3	UJ	NA			NA			NA		
PCB-138 (2,2',3,4,4',5')	3	3	J	6	6	UJ	3	3	UJ	NA			NA			NA		
PCB-153 (2,2',4,4',5,5')	3	3	UJ	5	5	UJ	3	3	UJ	NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table B-4

Analytical Results for Tissue

R Area Disposal Site (Site 2)

Point ID	RADC001			RADC002			RADC003			RADSB007			RADSB017			RADSBI06		
Sample ID	217RAC1			217RAC2			217RAC3			217RADT1503			217RADT1502			217RADT1501		
Matrix	MOTISSUE			MOTISSUE			MOTISSUE			PWTISSUE			PWTISSUE			PWTISSUE		
Sample Date	09/07/98			09/07/98			09/06/98			06/25/98			06/25/98			06/25/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/wipe)																		
PCB-156 (2,3,3',4,4',5)	0.6	0.2	J	0.4	0.4	U	0.2	0.2	U	NA			NA			NA		
PCB-157 (2,3,3',4,4',5')	0.4	0.4	U	0.8	0.8	U	0.4	0.4	U	NA			NA			NA		
PCB-167 (2,3',4,4',5,5')	0.9	0.9	UJ	2	2	UJ	0.9	0.9	UJ	NA			NA			NA		
PCB-169 (3,3',4,4',5,5')	0.2	0.2	U	0.4	0.4	U	0.2	0.2	U	NA			NA			NA		
PCB-170 (2,2',3,3',4,4',5)	10	0.8		2	2	U	0.8	0.8	U	NA			NA			NA		
PCB-18 (2,2',5)	1	1	UJ	2	2	UJ	1	1	UJ	NA			NA			NA		
PCB-180 (2,2',3,4,4',5,5')	7	0.6	J	1	1	U	0.6	0.6	U	NA			NA			NA		
PCB-187 (2,2',3,4',5,5',6)	4	1	J	2	2	UJ	0.9	0.9	UJ	NA			NA			NA		
PCB-189 (2,3,3',4,4',5,5')	0.2	0.2	U	0.4	0.4	U	0.2	0.2	U	NA			NA			NA		
PCB-195 (2,2',3,3',4,4',5,6)	1	0.2	J	0.5	0.5	UJ	0.2	0.2	UJ	NA			NA			NA		
PCB-206 (2,2',3,3',4,4',5,5',6	1	0.3	J	0.6	0.6	UJ	0.3	0.3	UJ	NA			NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	0.5	0.5	UJ	1	1	UJ	0.5	0.5	UJ	NA			NA			NA		
PCB-28 (2,4,4')	0.2	0.2	U	0.5	0.5	U	0.2	0.2	U	NA			NA			NA		
PCB-44 (2,2',3,5')	0.8	0.8	UJ	2	2	UJ	0.8	0.8	UJ	NA			NA			NA		
PCB-52 (2,2',5,5')	0.4	0.4	UJ	0.8	0.8	UJ	0.4	0.4	UJ	NA			NA			NA		
PCB-66 (2,3',4,4')	0.6	0.6	U	1	1	UJ	0.6	0.6	U	NA			NA			NA		
PCB-77 (3,3',4,4')	0.4	0.4	U	0.9	0.9	U	0.4	0.4	U	NA			NA			NA		
PCB-8 (2,4')	0.7	0.7	U	1	1	U	1	0.7	J	NA			NA			NA		
TOXAPHENE	98	98	U	200	200	U	96	96	U	NA			NA			NA		
TRANS-NONACHLOR	0.6	0.6	U	1	1	UJ	0.6	0.6	U	NA			NA			NA		
Total Metals (in µg/wipe)																		
ALUMINUM	17.7	0.81		46.2	0.82		17.7	0.78		18.3	2.2		2.2	2.2	U	2.2	2.2	U
ANTIMONY	0.24	0.24	U	0.24	0.24	U	0.23	0.23	U	0.19	0.19	U	0.18	0.18	U	0.18	0.18	U
ARSENIC	0.21	0.21	UJ	0.21	0.21	UJ	0.20	0.20	UJ	0.25	0.25	U	0.24	0.24	U	0.24	0.24	U
BARIUM	2.6	0.25	J	2.8	0.26	J	2.3	0.24	J	0.49	0.49	U	2.1	0.48	J	0.48	0.48	U
BERYLLIUM	0.0039	0.0039	U	0.0039	0.0039	U	0.0037	0.0037	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U
CADMIUM	0.020	0.020	UJ	0.030	0.030	UJ	0.030	0.030	UJ	0.020	0.020	U	0.020	0.020	J	0.020	0.020	U
CALCIUM	5,740	16.0		8,850	16.1		6,330	15.4		653	10.6		2,760	10.3		289	10.4	
CHROMIUM	0.16	0.16	UJ	0.20	0.20	UJ	0.17	0.17	UJ	0.060	0.060	J	0.060	0.060	U	0.060	0.060	U
COBALT	0.080	0.080	UJ	0.080	0.080	UJ	0.070	0.070	UJ	0.11	0.11	J	0.11	0.11	U	0.11	0.11	J
COPPER	2.2	0.054		2.2	0.054		2.4	0.052		1.0	0.18	J	0.88	0.18	J	0.36	0.18	J
IRON	114	1.8	J	71.7	1.8	J	105	1.7	J	86.6	1.7		5.8	1.7		16.3	1.7	
LEAD	0.35	0.077		1.2	0.078		0.25	0.074		0.14	0.14	U	0.14	0.14	U	0.14	0.14	U
MAGNESIUM	333	6.6		330	6.6		362	6.3		868	10.5		2,940	10.2		516	10.3	
MANGANESE	1.6	0.023		2.3	0.023		2.1	0.022		14.8	0.040		2.0	0.039		12.4	0.039	
MERCURY	0.020	0.020	U	0.020	0.020	U	0.020	0.020	UJ	0.010	0.010	U	0.010	0.010	U	0.010	0.010	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

05/21/99

Table B-4

Analytical Results for Tissue

R Area Disposal Site (Site 2)

Point ID	RADC001			RADC002			RADC003			RADSB007			RADSB017			RADSBI06		
Sample ID	217RAC1			217RAC2			217RAC3			217RADT1503			217RADT1502			217RADT1501		
Matrix	MOTISSUE			MOTISSUE			MOTISSUE			PWTISSUE			PWTISSUE			PWTISSUE		
Sample Date	09/07/98			09/07/98			09/06/98			06/25/98			06/25/98			06/25/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in µg/wipe)																		
MOLYBDENUM	0.11	0.073	J	0.16	0.074	J	0.21	0.070	J	0.10	0.10	U	0.10	0.10	U	0.10	0.10	U
NICKEL	0.10	0.081	J	0.15	0.082	J	0.07	0.078	J	0.15	0.15	U	0.17	0.15	J	0.15	0.15	U
POTASSIUM	2,800	11.1	J	2,510	11.2	J	2,820	10.7	J	3,560	18.2		1,760	17.7		1,290	17.8	
SELENIUM	0.17	0.18	J	0.46	0.18	J	0.68	0.17	J	0.19	0.19	U	0.18	0.18	U	0.19	0.19	U
SILVER	0.050	0.050	U	0.050	0.050	U	0.040	0.040	U	0.070	0.070	U	0.070	0.070	U	0.070	0.070	U
SODIUM	1,150	9.7		1,050	9.8		1,060	9.4		8,520	457		3,660	444		11,490	447	
THALLIUM	0.20	0.20	U	0.20	0.20	U	0.19	0.19	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U
VANADIUM	0.22	0.089	J	0.24	0.089	J	0.18	0.085	J	0.99	0.18	J	0.25	0.17	J	0.38	0.17	J
ZINC	34.5	0.077	J	41.4	0.078	J	35.6	0.074	J	2.9	0.20		2.4	0.20		2.6	0.20	

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

APPENDIX C

ANALYTICAL DATA TABLES - FROID AND TAYLOR ROADS SITE

LIST OF TABLES

Table

1995

C-1 ANALYTICAL RESULTS FOR SOIL, FROID AND TAYLOR ROADS SITE (SITE 9)

C-2 ANALYTICAL RESULTS FOR SURFACE WATER, FROID AND TAYLOR ROADS SITE (SITE 9)

1998

C-3 ANALYTICAL RESULTS FOR SOIL, FROID AND TAYLOR ROADS SITE (SITE 9)

C-4 ANALYTICAL RESULTS FOR SURFACE WATER, FROID AND TAYLOR ROADS SITE (SITE 9)

C-5 ANALYTICAL RESULTS FOR TISSUE, FROID AND TAYLOR ROADS SITE (SITE 9)

Notes:

Point ID	Location of the sample.
Sample ID	Number assigned before the sample is sent to the analytical laboratory. The sample ID is separate from the point (location) ID to ensure that samples are sent blind to the laboratory.
Matrix	Sample media (soil, sediment, and surface water).
Sample Date	Date of sample collection.
Sample Depth	Depth, in feet below ground surface (bgs). Soil or sediment samples collected from a depth of 0 to 0.5 feet bgs are considered surface soil or sediment, and samples collected below 0.5 feet bgs are considered subsurface samples. Surface water samples are collected at a depth of 0 feet bgs.
Result	Listed by analytical group; the concentration shown is the detected concentration.
Detection Limit	The detection limit achieved by the laboratory that is specific to the sample and analyte. The detection limit is different from the sample quantitation limit, which is not sample-specific and instead applies to the methodology.
Qualifier	A qualifier assigned after data validation. "U" indicates undetected results, "J" indicates estimated results.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB001			FTSSB001			FTSSB002			FTSSB002			FTSSB003			FTSSB003			FTSSB004			FTSSB004		
Sample ID	281FTSSS001			281FTSSS002			281FTSSS003			281FTSSS004			281FTSSS005			281FTSSS006			281FTSSS007			281FTSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/06/95			07/05/95		
Sample Depth (in feet)	0.00 - 0.30			0.35 - 1.30			0.00 - 0.50			0.75 - 1.80			0.00 - 0.25			0.75 - 1.75			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/kg)																								
1,1,1-TRICHLOROETHANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
1,1,2,2-TETRACHLOROETHANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
1,1,2-TRICHLOROETHANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
1,1-DICHLOROETHANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
1,1-DICHLOROETHENE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
1,2-DICHLOROETHANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
1,2-DICHLOROETHENE (TOTAL)	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
1,2-DICHLOROPROPANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
2-BUTANONE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
2-HEXANONE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
4-METHYL-2-PENTANONE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
ACETONE	NA			ND	11	U	NA			ND	24	U	NA			ND	28	U	NA			ND	18	U
BENZENE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
BROMODICHLOROMETHANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
BROMOFORM	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
BROMOMETHANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
CARBON DISULFIDE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
CARBON TETRACHLORIDE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
CHLOROBENZENE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
CHLOROETHANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
CHLOROFORM	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
CHLOROMETHANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
CIS-1,3-DICHLOROPROPENE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
DIBROMOCHLOROMETHANE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
ETHYLBENZENE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
METHYLENE CHLORIDE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
STYRENE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
TETRACHLOROETHENE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
TOLUENE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
TRANS-1,3-DICHLOROPROPENE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
TRICHLOROETHENE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
VINYL CHLORIDE	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U
XYLENE (TOTAL)	NA			ND	11	U	NA			ND	22	U	NA			ND	25	U	NA			ND	18	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB001			FTSSB001			FTSSB002			FTSSB002			FTSSB003			FTSSB003			FTSSB004			FTSSB004		
Sample ID	281FTSSS001			281FTSSS002			281FTSSS003			281FTSSS004			281FTSSS005			281FTSSS006			281FTSSS007			281FTSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.30			0.35 - 1.30			0.00 - 0.50			0.75 - 1.80			0.00 - 0.25			0.75 - 1.75			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	ND	41	U	NA			9	49	J	NA			ND	66	U	NA			ND	230	U	NA		
1,2,4-TRICHLOROBENZENE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
1,2-DICHLOROBENZENE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
1,3-DICHLOROBENZENE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
1,4-DICHLOROBENZENE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
1-METHYLNAPETHALENE	5	41	J	NA			30	49	J	NA			ND	66	U	NA			ND	230	U	NA		
1-METHYLPHENANTHRENE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
2,4,5-TRICHLOROPHENOL	ND	100	U	NA			ND	120	U	NA			ND	160	U	NA			ND	570	U	NA		
2,4,6-TRICHLOROPHENOL	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
2,4-DICHLOROPHENOL	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
2,4-DIMETHYLPHENOL	5	41	J	NA			12	49	J	NA			ND	66	U	NA			ND	230	U	NA		
2,4-DINITROPHENOL	ND	100	U	NA			ND	120	U	NA			ND	160	U	NA			ND	570	U	NA		
2,4-DINITROTOLUENE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
2,6-DIMETHYLNAPHTHALENE	5	41	J	NA			24	49	J	NA			ND	66	U	NA			ND	230	U	NA		
2,6-DINITROTOLUENE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
2-CHLORONAPETHALENE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
2-CHLOROPHENOL	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
2-METHYLNAPETHALENE	9	41	J	NA			46	49	J	NA			ND	66	U	NA			ND	230	U	NA		
2-METHYLPHENOL	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
2-NITROANILINE	ND	100	U	NA			ND	120	U	NA			ND	160	U	NA			ND	570	U	NA		
2-NITROPHENOL	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
3,3'-DICHLOROBENZIDINE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
3-NITROANILINE	ND	100	U	NA			ND	120	U	NA			ND	160	U	NA			ND	570	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	100	U	NA			ND	120	U	NA			ND	160	U	NA			ND	570	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
4-CHLORO-3-METHYLPHENOL	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
4-CHLOROANILINE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		
4-METHYLPHENOL	ND	41	U	NA			5	49	J	NA			ND	66	U	NA			ND	230	U	NA		
4-NITROANILINE	ND	100	U	NA			ND	120	U	NA			ND	160	U	NA			ND	570	U	NA		
4-NITROPHENOL	ND	100	U	NA			ND	120	U	NA			ND	160	U	NA			ND	570	U	NA		
ACENAPETHENE	ND	41	U	NA			ND	49	U	NA			ND	66	U	NA			ND	230	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB001			FTSSB001			FTSSB002			FTSSB002			FTSSB003			FTSSB003			FTSSB004			FTSSB004		
Sample ID	281FTSSS001			281FTSSS002			281FTSSS003			281FTSSS004			281FTSSS005			281FTSSS006			281FTSSS007			281FTSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.30			0.35 - 1.30			0.00 - 0.50			0.75 - 1.80			0.00 - 0.25			0.75 - 1.75			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
ACENAPHTHYLENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
ANTHRACENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BENZO(A)ANTHRACENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BENZO(A)PYRENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BENZO(B)FLUORANTHENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BENZO(E)PYRENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BENZO(G,H,I)PERYLENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BENZO(K)FLUORANTHENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BENZOIC ACID	24	100	J	NA			91	120	J	NA			ND	160	UJ	NA			ND	570	UJ	NA		
BENZYL ALCOHOL	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
BUTYLBENZYLPHTHALATE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
CARBAZOLE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
CHRYSENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
DI-N-BUTYLPHTHALATE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
DI-N-OCTYLPHTHALATE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
DIBENZ(A,E)ANTHRACENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
DIBENZOFURAN	ND	41	U	NA			7	49	J	NA			ND	65	U	NA			ND	230	U	NA		
DIBENZOTHIOPHENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
DIETHYLPHTHALATE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
DIMETHYLPHTHALATE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
FLUORANTHENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			61	230	J	NA		
FLUORENE	ND	41	U	NA			6	49	J	NA			ND	65	U	NA			ND	230	U	NA		
HEXACHLOROBENZENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
HEXACHLOROBUTADIENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
HEXACHLOROCYCLOPENTADIENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
HEXACHLOROETHANE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
INDENO(1,2,3-CD)PYRENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
ISOPHORONE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
N-NITROSODIPHENYLAMINE (1)	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
NAPHTHALENE	ND	41	U	NA			14	49	J	NA			ND	65	U	NA			ND	230	U	NA		

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB001			FTSSB001			FTSSB002			FTSSB002			FTSSB003			FTSSB003			FTSSB004			FTSSB004		
Sample ID	281FTSSS001			281FTSSS002			281FTSSS003			281FTSSS004			281FTSSS005			281FTSSS006			281FTSSS007			281_FTSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.30			0.35 - 1.30			0.00 - 0.50			0.75 - 1.80			0.00 - 0.25			0.75 - 1.75			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
PERYLENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
PHENANTHRENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
PHENOL	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
PYRENE	ND	41	U	NA			ND	49	U	NA			ND	65	U	NA			ND	230	U	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
1,2-DICHLOROBENZENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
1,3-DICHLOROBENZENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
1,4-DICHLOROBENZENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2,4,5-TRICHLOROPHENOL	NA			ND	1,800	UJ	NA			ND	1,800	U	NA			ND	2,100	U	NA			ND	1,500	U
2,4,6-TRICHLOROPHENOL	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2,4-DICHLOROPHENOL	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2,4-DIMETHYLPHENOL	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2,4-DINITROPHENOL	NA			ND	1,800	UJ	NA			ND	1,800	U	NA			ND	2,100	U	NA			ND	1,500	U
2,4-DINITROTOLUENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2,6-DINITROTOLUENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2-CHLORONAPHTHALENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2-CHLOROPHENOL	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2-METHYLNAPHTHALENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2-METHYLPHENOL	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
2-NITROANILINE	NA			ND	1,800	UJ	NA			ND	1,800	U	NA			ND	2,100	U	NA			ND	1,500	U
2-NITROPHENOL	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
3,3'-DICHLOROBENZIDINE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
3-NITROANILINE	NA			ND	1,800	UJ	NA			ND	1,800	U	NA			ND	2,100	U	NA			ND	1,500	U
4,6-DINITRO-2-METHYLPHENOL	NA			ND	1,800	UJ	NA			ND	1,800	U	NA			ND	2,100	U	NA			ND	1,500	U
4-BROMOPHENYL-PHENYLETHER	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
4-CHLORO-3-METHYLPHENOL	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
4-CHLOROANILINE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
4-CHLOROPHENYL-PHENYLETHER	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
4-METHYLPHENOL	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
4-NITROANILINE	NA			ND	1,800	UJ	NA			ND	1,800	U	NA			ND	2,100	U	NA			ND	1,500	U
4-NITROPHENOL	NA			ND	1,800	UJ	NA			ND	1,800	U	NA			ND	2,100	U	NA			ND	1,500	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit. Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from COCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB001			FTSSB001			FTSSB002			FTSSB002			FTSSB003			FTSSB003			FTSSB004			FTSSB004		
Sample ID	281FTSSS001			281FTSSS002			281FTSSS003			281FTSSS004			281FTSSS005			281FTSSS006			281FTSSS007			281FTSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/06/95			07/05/95		
Sample Depth (in feet)	0.00 - 0.30			0.35 - 1.30			0.00 - 0.50			0.75 - 1.80			0.00 - 0.25			0.75 - 1.75			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
ACENAPHTHENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
ACENAPHTHYLENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
ANTHRACENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
BENZO(A)ANTHRACENE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
BENZO(A)PYRENE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
BENZO(B)FLUORANTHENE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
BENZO(G,H,I)PERYLENE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
BENZO(K)FLUORANTHENE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
BIS(2-CHLOROETHOXY)METHANE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
BIS(2-CHLOROETHYL)ETHER	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
BUTYLBENZYLPHTHALATE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
CARBAZOLE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
CHRYSENE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
DI-N-BUTYLPHTHALATE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
DI-N-OCTYLPHTHALATE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
DIBENZ(A,H)ANTHRACENE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
DIBENZOFURAN	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
DIETHYLPHTHALATE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
DIMETHYLPHTHALATE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
FLUORANTHENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
FLUORENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
HEXACHLOROBENZENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
HEXACHLOROBUTADIENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
HEXACHLOROCYCLOPENTADIENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
HEXACHLOROETHANE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
INDENO(1,2,3-CD)PYRENE	NA			ND	720	UJ	NA			ND	720	UJ	NA			ND	830	U	NA			ND	580	U
ISOPHORONE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
N-NITROSODIPHENYLAMINE (1)	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
NAPHTHALENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
NITROBENZENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U
PENTACHLOROPHENOL	NA			ND	1,800	UJ	NA			ND	1,800	U	NA			ND	2,100	U	NA			ND	1,500	U
PHENANTHRENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	580	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB001			FTSSB001			FTSSB002			FTSSB002			FTSSB003			FTSSB003			FTSSB004			FTSSB004		
Sample ID	281FTSSS001			281FTSSS002			281FTSSS003			281FTSSS004			281FTSSS005			281FTSSS006			281FTSSS007			281FTSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.30			0.35 - 1.30			0.00 - 0.50			0.75 - 1.80			0.00 - 0.25			0.75 - 1.75			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENOL	NA			ND	720	UJ	NA			500	720	J	NA			ND	830	U	NA			290	580	J
PYRENE	NA			ND	720	UJ	NA			ND	720	U	NA			ND	830	U	NA			ND	590	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	0.3	0.4	J	NA			ND	0.2	UJ	NA			5	0.2	J	NA			ND	0.2	UJ	NA		
2,4'-DDE	0.5	0.4		NA			ND	0.2	UJ	NA			0.6	0.2	J	NA			ND	0.2	UJ	NA		
2,4'-DDT	2	0.4		NA			1	0.2	J	NA			2	0.2	J	NA			ND	0.2	UJ	NA		
4,4'-DDD	4.8	0.4		NA			2	0.2	J	NA			5.9	0.2	J	NA			ND	0.2	UJ	NA		
4,4'-DDE	15.8	0.4		NA			0.6	0.2	J	NA			2	0.2	J	NA			ND	0.2	UJ	NA		
4,4'-DDT	19.80	0.4		NA			4.8	0.2	J	NA			8.80	0.2	J	NA			ND	0.2	UJ	NA		
ALDRIN	ND	0.4	U	NA			ND	0.2	UJ	NA			0.4	0.2	J	NA			ND	0.2	UJ	NA		
ALPHA-CHLORDANE	3.8	0.4		NA			0.98	0.2	J	NA			2.8	0.2	J	NA			0.3	0.2	J	NA		
DIELDRIN	ND	0.4	U	NA			0.48	0.2	J	NA			0.88	0.2	J	NA			ND	0.2	UJ	NA		
GAMMA-BHC (LINDANE)	ND	0.4	U	NA			ND	0.2	UJ	NA			0.4	0.2	J	NA			ND	0.2	UJ	NA		
HEPTACHLOR	ND	0.4	U	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
HEPTACHLOR EPOXIDE	ND	0.4	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
HEXACHLOROBENZENE	ND	0.4	U	NA			0.5	0.2	J	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
MIREX	ND	0.4	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
PCB-101 (2,2',3,5,5')	ND	0.4	U	NA			0.1	0.2	J	NA			0.4	0.2	J	NA			ND	0.2	UJ	NA		
PCB-105 (2,3,3',4,4')	ND	0.4	U	NA			0.2	0.2	J	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
PCB-118 (2,3',4,4',5)	ND	0.4	U	NA			0.2	0.2	J	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
PCB-126 (3,3',4,4',5)	ND	0.4	U	NA			ND	0.2	UJ	NA			0.1	0.2	J	NA			ND	0.2	UJ	NA		
PCB-128 (2,2',3,3',4,4')	2	0.4		NA			ND	0.2	UJ	NA			0.3	0.2	J	NA			ND	0.2	UJ	NA		
PCB-156 (2,2',3,4,4',5')	ND	0.4	U	NA			0.3	0.2	J	NA			1	0.2	J	NA			ND	0.2	UJ	NA		
PCB-153 (2,2',4,4',5,5')	ND	0.4	U	NA			0.1	0.2	J	NA			0.5	0.2	J	NA			ND	0.2	UJ	NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.4	U	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
PCB-18 (2,2',5)	ND	0.4	U	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.4	U	NA			0.1	0.2	J	NA			0.4	0.2	J	NA			ND	0.2	UJ	NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.4	U	NA			0.07	0.2	J	NA			0.2	0.2	J	NA			ND	0.2	UJ	NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.4	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
PCB-206 (2,2',3,3',4,4',5,5',	ND	0.4	U	NA			0.2	0.2	J	NA			0.8	0.2	J	NA			ND	0.2	UJ	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.4	UJ	NA			ND	0.2	UJ	NA			0.3	0.2	J	NA			ND	0.2	UJ	NA		
PCB-28 (2,4,4')	ND	0.4	U	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
PCB-44 (2,2',3,5')	ND	0.4	U	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
PCB-52 (2,2',5,5')	ND	0.4	U	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND, U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 032

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB001			FTSSB001			FTSSB002			FTSSB002			FTSSB003			FTSSB003			FTSSB004			FTSSB004		
Sample ID	281FTSSS001			281FTSSS002			281FTSSS003			281FTSSS004			281FTSSS005			281FTSSS006			281FTSSS007			281FTSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.30			0.35 - 1.30			0.00 - 0.50			0.75 - 1.80			0.00 - 0.25			0.75 - 1.75			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/kg)																								
PCE-66 (2,3',4,4')	ND	0.4	U	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
PCE-77 (3,3',4,4')	ND	0.4	U	NA			ND	0.2	UJ	NA			0.3	0.2	J	NA			ND	0.2	UJ	NA		
PCE-8 (2,4')	ND	0.4	U	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA			ND	0.2	UJ	NA		
TRANS-NONACHLOR	1	0.4		NA			0.6	0.2	J	NA			2	0.2	J	NA			0.2	0.2	J	NA		
Pesticides/PCBs (in µg/kg)																								
4,4'-DDD	NA			ND	73	U	NA			ND	7	UJ	NA			ND	8	U	NA			ND	6	U
4,4'-DDE	NA			10 #	73	J	NA			ND	7	UJ	NA			ND	8	U	NA			ND	6	U
4,4'-DDT	NA			9 #θ	73	J	NA			ND	7	UJ	NA			ND	8	U	NA			ND	6	U
ALDRIN	NA			ND	36	U	NA			ND	4	U	NA			ND	4	U	NA			ND	3	U
ALPHA-BHC	NA			ND	36	U	NA			ND	4	U	NA			ND	4	U	NA			ND	3	U
ALPHA-CHLORDANE	NA			35 #θ	36	J	NA			ND	4	U	NA			ND	4	U	NA			ND	3	U
AROCLOR-1016	NA			ND	730	U	NA			ND	72	U	NA			ND	84	U	NA			ND	58	U
AROCLOR-1221	NA			ND	1,500	U	NA			ND	140	U	NA			ND	170	U	NA			ND	120	U
AROCLOR-1232	NA			ND	730	U	NA			ND	72	U	NA			ND	84	U	NA			ND	58	U
AROCLOR-1242	NA			ND	730	U	NA			ND	72	U	NA			ND	84	U	NA			ND	58	U
AROCLOR-1248	NA			ND	730	U	NA			ND	72	U	NA			ND	84	U	NA			ND	58	U
AROCLOR-1254	NA			ND	730	U	NA			ND	72	U	NA			ND	84	U	NA			ND	58	U
AROCLOR-1260	NA			ND	730	U	NA			ND	72	UJ	NA			ND	84	U	NA			ND	58	U
BETA-BHC	NA			ND	36	U	NA			ND	4	U	NA			ND	4	U	NA			ND	3	U
DELTA-BHC	NA			ND	36	U	NA			ND	4	U	NA			ND	4	U	NA			ND	3	U
DIELDRIN	NA			ND	73	U	NA			ND	7	U	NA			ND	8	U	NA			ND	6	U
ENDOSULFAN I	NA			ND	36	U	NA			ND	4	U	NA			ND	4	U	NA			ND	3	U
ENDOSULFAN II	NA			ND	73	U	NA			ND	7	UJ	NA			ND	8	U	NA			ND	6	U
ENDOSULFAN SULFATE	NA			ND	73	U	NA			ND	7	UJ	NA			ND	8	U	NA			ND	6	U
ENDRIN	NA			ND	73	U	NA			ND	7	UJ	NA			ND	8	U	NA			ND	6	U
ENDRIN ALDEHYDE	NA			ND	73	U	NA			ND	7	UJ	NA			ND	8	U	NA			ND	6	U
ENDRIN KETONE	NA			ND	73	U	NA			ND	7	UJ	NA			ND	8	U	NA			ND	6	U
GAMMA-BHC (LINDANE)	NA			ND	36	U	NA			ND	4	U	NA			ND	4	U	NA			ND	3	U
GAMMA-CHLORDANE	NA			25 #θ	36	J	NA			ND	4	U	NA			ND	4	U	NA			ND	3	U
HEPTACHLOR	NA			ND	36	U	NA			ND	4	U	NA			ND	4	U	NA			ND	3	U
HEPTACHLOR EPOXIDE	NA			ND	36	U	NA			ND	4	U	NA			ND	4	U	NA			ND	3	U
METHOXYCHLOR	NA			ND	360	U	NA			ND	36	UJ	NA			ND	42	U	NA			ND	29	U
TOXAPHENE	NA			ND	3,600	U	NA			ND	360	UJ	NA			ND	420	U	NA			ND	290	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB001			FTSSB001			FTSSB002			FTSSB002			FTSSB003			FTSSB003			FTSSB004			FTSSB004		
Sample ID	281FTSSS001			281FTSSS002			281FTSSS003			281FTSSS004			281FTSSS005			281FTSSS006			281FTSSS007			281FTSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.30			0.35 - 1.30			0.00 - 0.50			0.75 - 1.80			0.00 - 0.25			0.75 - 1.75			0.00 - 0.50			1.50 - 2.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
1,3-DINITROBENZENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
2,4,6-TRINITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
2,4-DINITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
2,6-DINITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
2-NITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
3-NITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
4-NITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
HMX	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
NITROBENZENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
RDX	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
TETRYL	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
Petroleum Indicators(in mg/Kg)																								
DIESEL	ND	13	U	ND	1,400	U	ND	700	U	ND	22	U	ND	1,000	U	ND	25	U	ND	18	U	ND	17	U
MOTOR OIL	54	13		9,200	1,400		7,800	700		260	22		23,000	1,000		45	25		240	18		ND	17	U
Total Metals (in mg/Kg)																								
ALUMINUM	16,900	4.2	J	9,200	3.5	J	10,700	4.6	J	21,800	7.1	J	14,700	6.5	J	25,800	8.2	J	15,600	5.8	J	17,700	5.7	J
ANTIMONY	NA			NA			ND	1.2	U	NA			ND	2.3	U	NA			NA			NA		
ARSENIC	4.5 *	0.72		ND	1.1	U	6.2 *	0.79		6.4 *	1.2		10.6 *B	1.1		9.5 *B	1.4		10.1 *B	0.99		11.0 *B	0.98	
BARIUM	165	0.080		43.8	0.070		163	0.080		48.3	0.13		110	0.22		43.9	0.15		95.8	0.11		54.2	0.10	
BERYLLIUM	ND	0.030	U	ND	0.020	U	ND	0.090	U	ND	0.070	U	ND	0.040	U	ND	0.050	U	ND	0.25	U	ND	0.030	U
CADMIUM	0.38 I	0.050		ND	0.040	U	1.1 I	0.060		ND	0.090	U	0.81 I	0.080		ND	0.10	U	ND	0.21	U	ND	0.070	U
CALCIUM	12,000	3.7		6,200	3.1		4,330	4.0		5,070	6.2		5,040	5.8		4,140	7.2		4,350	5.1		3,790	5.0	
CHROMIUM	34.2	0.46		15.1	0.39		25.7	0.51		70.5	0.78		47.0	0.72		82.1 BI	0.90		48.1	0.64		69.0	0.63	
COBALT	12.9	0.13		7.4	0.11		7.1	0.24		6.7	0.22		8.6	0.20		8.5	0.25		10.1	0.18		13.9	0.17	
COPPER	30.3	0.21		21.4	0.17		55.0 B	0.22		30.7	0.35		59.7 BI	0.32		30.8	0.40		63.1 BI	0.28		28.0	0.28	
IRON	19,500	4.0		11,900	3.4		16,990	4.4		18,100	5.8		22,100	5.3		21,800	7.9		18,900	5.6		29,800	5.5	
LEAD	72.0 BI#	0.39		8.8	0.33		515 *BI#	0.42		21.0	0.65		221 *BI#	0.60		9.5	0.75		86.6 BI#	0.53		9.7	0.52	
MAGNESIUM	6,590	4.2		3,890	3.6		5,560	4.5		7,870	7.1		7,010	6.6		11,200	8.2		8,810	5.8		9,770	5.7	
MANGANESE	508	0.15		327	0.13		171	0.17		142	0.26		196	0.24		182	0.30		279	0.21		124	0.21	
MERCURY	0.17 B	0.030	J	0.25 BI	0.020	J	0.17 B	0.030	J	ND	0.11	J	0.39 BI#	0.040	J	ND	0.13	U	0.36 BI#	0.040	J	0.10	0.030	J
MOLYBDENUM	ND	0.23	U	ND	0.30	U	ND	0.25	U	3.9	0.39		ND	1.6	U	2.9	0.45		ND	0.54	U	ND	1.1	U
NICKEL	38.0 B	0.85		15.6	0.72		28.8 B	0.93		57.3 #B	1.4		49.6 B	1.3		53.5 #B	1.7		62.4 #B	1.2		64.7 #B	1.2	
POTASSIUM	1,860	7.2	J	823	6.1	J	2,640	7.9	J	4,170	12.0	J	3,180	11.2	J	5,080	13.9	J	3,830	9.9	J	3,980	9.7	J

Notes: Detected concentrations are shaded.

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

B = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

I = Detected concentrations greater than the ambient metals concentrations in soils.

W = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB001			FTSSB001			FTSSB002			FTSSB002			FTSSB003			FTSSB003			FTSSB004			FTSSB004		
Sample ID	281FTSSS001			281FTSSS002			281FTSSS003			281FTSSS004			281FTSSS005			281FTSSS006			281FTSSS007			281FTSSS008		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/05/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.30			0.35 - 1.30			0.00 - 0.50			0.75 - 1.80			0.00 - 0.25			0.75 - 1.75			0.00 - 0.50			1.50 - 2.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Total Metals (in mg/Kg)																								
SELENIUM	ND	0.88	U	ND	0.74	U	ND	0.96	U	ND	1.5	U	ND	1.4	U	ND	1.7	U	ND	1.2	U	ND	1.2	U
SILVER	ND	0.15	U	ND	0.13	U	0.18 Γ	0.17		ND	0.26	U	0.36 Γ	0.24		ND	0.30	U	0.22 Γ	0.21		ND	0.21	U
SODIUM	1,610	33.0	J	1,140	27.8	J	2,680	35.9	J	9,870	55.4	J	1,490	51.4	J	12,500	64.1	J	4,610	45.4	J	5,790	44.7	J
THALLIUM	ND	0.52	U	0.64	0.44		ND	0.56	U	ND	0.87	U	ND	0.80	U	ND	1.0	U	ND	0.72	U	ND	0.70	U
VANADIUM	54.7	0.15		34.4	0.13		39.8	0.17		68.7	0.26		57.4	0.24		85.1	0.30		56.9	0.21		65.6	0.21	
ZINC	106	0.080		27.5	0.070		436 #θΓσ	0.080		63.1	0.13		160 θ	0.12		80.7	0.15		173 θσ	0.11		91.3	0.10	
Hexavalent Chromium (in mg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			ND	250	UJ	NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	ND	60.0	UJ	ND	56.0	U	ND	72.0	U	ND	134	U	ND	96.0	U	ND	148	U	ND	83.0	U	ND	90.0	U
TOTAL ORGANIC CARBON	11,400	100		3,740	100		74,600	100		128,000	100		136,000	100		83,100	100		42,000	100		20,100	100	
Percent Moisture (percent)																								
PERCENT MOISTURE	20.0			NA			33.0			NA			50.0			NA			42.0			NA		
Miscellaneous																								
PH	8.4			7.5			7.2			6.4			6			5.8			7.2			6.8		

Notes: Detected concentrations are shaded.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB005			FTSSB009			FTSSB006			FTSSB010			FTSSB007			FTSSB007			FTSSB008			FTSSB008		
Sample ID	281FTSSS009			281FTSSS010			281FTSSS011			281FTSSS012			281FTSSS013			281FTSSS014			281FTSSS015			281FTSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.50			2.00 - 3.00			0.00 - 0.50			1.10 - 2.30			0.00 - 0.25			1.50 - 2.30			0.00 - 0.50			1.20 - 1.75		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
1,1,2,2-TETRACHLOROETHANE	NA			ND	48	UJ	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
1,1,2-TRICHLOROETHANE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
1,1-DICHLORCETHANE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
1,1-DICHLOROETHENE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
1,2-DICHLOROETHANE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
1,2-DICHLOROETHENE (TOTAL)	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
1,2-DICHLOROPROPANE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
2-BUTANONE	NA			ND	160	U	NA			ND	140	U	NA			ND	12	U	NA			ND	130	U
2-HEXANONE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
4-METHYL-2-PENTANONE	NA			27	48	J	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
ACETONE	NA			ND	870	U	NA			ND	280	U	NA			ND	23	U	NA			ND	440	U
BENZENE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
BROMODICHLOROMETHANE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
BROMOFORM	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
BROMOMETHANE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
CARBON DISULFIDE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
CARBON TETRACHLORIDE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
CHLOROBENZENE	NA			ND	48	UJ	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
CHLOROETHANE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
CHLOROFORM	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
CHLOROMETHANE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
CIS-1,3-DICHLOROPROPENE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
DIBROMOCHLOROMETHANE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
ETHYLBENZENE	NA			ND	48	UJ	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
METHYLENE CHLORIDE	NA			ND	90	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
STYRENE	NA			ND	48	UJ	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
TETRACHLOROETHENE	NA			ND	48	UJ	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
TOLUENE	NA			ND	48	UJ	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
TRANS-1,3-DICHLOROPROPENE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
TRICHLOROETHENE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
VINYL CHLORIDE	NA			ND	48	U	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U
XYLENE (TOTAL)	NA			ND	48	UJ	NA			ND	140	U	NA			ND	12	U	NA			ND	48	U

Notes: Detected concentrations are shaded.

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB005			FTSSB005			FTSSB006			FTSSB006			FTSSB007			FTSSB007			FTSSB008			FTSSB008		
Sample ID	281FTSSS009			281FTSSS010			281FTSSS011			281FTSSS012			281FTSSS013			281FTSSS014			281FTSSS015			281FTSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.50			2.00 - 3.00			0.00 - 0.50			1.10 - 2.00			0.00 - 0.25			1.50 - 2.30			0.00 - 0.50			1.20 - 1.75		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
1,2,4-TRICHLOROBENZENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
1,2-DICHLOROBENZENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
1,3-DICHLOROBENZENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
1,4-DICHLOROBENZENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
1-METHYLNAPHTHALENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
1-METHYLPHENANTHRENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2,4,5-TRICHLOROPHENOL	ND	700	U	NA			ND	1,600	U	NA			ND	100	U	NA			ND	840	U	NA		
2,4,6-TRICHLOROPHENOL	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2,4-DICHLOROPHENOL	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2,4-DIMETHYLPHENOL	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2,4-DINITROPHENOL	ND	700	U	NA			ND	1,600	U	NA			ND	100	U	NA			ND	840	U	NA		
2,4-DINITROTOLUENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2,6-DIMETHYLNAPHTHALENE	41	280	J	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2,6-DINITROTOLUENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2-CHLORONAPHTHALENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2-CHLOROPHENOL	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2-METHYLNAPHTHALENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2-METHYLPHENOL	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
2-NITROANILINE	ND	700	U	NA			ND	1,600	U	NA			ND	100	U	NA			ND	840	U	NA		
2-NITROPHENOL	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
3,3'-DICHLOROBENZIDINE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
3-NITROANILINE	ND	700	U	NA			ND	1,600	U	NA			ND	100	U	NA			ND	840	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	700	U	NA			ND	1,600	U	NA			ND	100	U	NA			ND	840	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
4-CHLORO-3-METHYLPHENOL	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
4-CHLOROANILINE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
4-METHYLPHENOL	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
4-NITROANILINE	ND	700	U	NA			ND	1,600	U	NA			ND	100	U	NA			ND	840	U	NA		
4-NITROPHENOL	ND	700	U	NA			ND	1,600	U	NA			ND	100	U	NA			ND	840	U	NA		
ACENAPHTHENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB005			FTSSB005			FTSSB006			FTSSB006			FTSSB007			FTSSB007			FTSSB008			FTSSB008		
Sample ID	281FTSSS009			281FTSSS010			281FTSSS011			281FTSSS012			281FTSSS013			281FTSSS014			281FTSSS015			281FTSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.50			2.00 - 3.00			0.00 - 0.50			1.10 - 2.00			0.00 - 0.25			1.50 - 2.30			0.00 - 0.50			1.20 - 1.75		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
ACENAPHTHYLENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
ANTHRACENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
BENZO(A)ANTERACENE	54	280	J	NA			ND	660	U	NA			ND	41	U	NA			53	340	J	NA		
BENZO(A)PYRENE	130 *	280	J	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
BENZO(B)FLUORANTHENE	110	280	J	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
BENZO(E)PYRENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
BENZO(G,H,I)PERYLENE	210	280	J	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
BENZO(K)FLUORANTHENE	83	280	J	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
BENZOIC ACID	100	700	J	NA			530	1,600	J	NA			ND	100	UJ	NA			ND	840	UJ	NA		
BENZYL ALCOHOL	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			2,500	340		NA		
BUTYLBENZYLPHTHALATE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
CARBAZOLE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
CHRYSENE	88	280	J	NA			ND	660	U	NA			ND	41	U	NA			110	340	J	NA		
DI-N-BUTYLPHTHALATE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
DI-N-OCTYLPHTHALATE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
DIBENZ(A,H)ANTHRACENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
DIBENZOFURAN	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
DIBENZOTHIOPHENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
DIETHYLPHTHALATE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
DIMETHYLPHTHALATE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
FLUORANTHENE	190	280	J	NA			ND	660	U	NA			ND	41	U	NA			150	340	J	NA		
FLUORENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
HEXACHLOROBENZENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
HEXACHLOROBUTADIENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
HEXACHLOROCYCLOPENTADIENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
HEXACHLOROETHANE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
INDENO(1,2,3-CD)PYRENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
ISOPHORONE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
N-NITROSODIPHENYLAMINE (1)	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
NAPHTHALENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND, U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB005			FTSSB005			FTSSB006			FTSSB006			FTSSB007			FTSSB007			FTSSB008			FTSSB008		
Sample ID	281FTSSS009			281FTSSS010			281FTSSS011			281FTSSS012			281FTSSS013			281FTSSS014			281FTSSS015			281FTSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.50			2.00 - 3.00			0.00 - 0.50			1.10 - 2.00			0.00 - 0.25			1.50 - 2.30			0.00 - 0.50			1.20 - 1.75		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
NITROBENZENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
PERYLENE	ND	280	U	NA			ND	660	U	NA			ND	41	U	NA			ND	340	U	NA		
PHENANTHRENE	49	280	J	NA			ND	660	U	NA			ND	41	U	NA			47	340	J	NA		
PHENOL	ND	280	U	NA			ND	660	U	NA									ND	340	U	NA		
PYRENE	100	280	J	NA			ND	660	U	NA			ND	41	U	NA			110	340	J	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
1,2-DICHLOROBENZENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
1,3-DICHLOROBENZENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
1,4-DICHLOROBENZENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
2,4,5-TRICHLOROPHENOL	NA			ND	4,000	U	NA			ND	4,600	UJ	NA			ND	990	U	NA			ND	4,000	U
2,4,6-TRICHLOROPHENOL	NA			ND	1,600	U	NA			ND	1,900	UJ	NA			ND	400	U	NA			ND	1,600	U
2,4-DICHLOROPHENOL	NA			ND	1,600	U	NA			ND	1,900	UJ	NA			ND	400	U	NA			ND	1,600	U
2,4-DIMETHYLPHENOL	NA			ND	1,600	U	NA			ND	1,900	UJ	NA			ND	400	U	NA			ND	1,600	U
2,4-DINITROPHENOL	NA			ND	4,000	U	NA			ND	4,600	UJ	NA			ND	990	U	NA			ND	4,000	U
2,4-DINITROTOLUENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
2,6-DINITROTOLUENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
2-CHLORONAPHTHALENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
2-CHLOROPHENOL	NA			ND	1,600	U	NA			ND	1,900	UJ	NA			ND	400	U	NA			ND	1,600	U
2-METHYLNAPHTHALENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
2-METHYLPHENOL	NA			ND	1,600	U	NA			ND	1,900	UJ	NA			ND	400	U	NA			ND	1,600	U
2-NITROANILINE	NA			ND	4,000	U	NA			NA			NA			ND	990	U	NA			ND	4,000	U
2-NITROPHENOL	NA			ND	1,600	U	NA			ND	1,900	UJ	NA			ND	400	U	NA			ND	1,600	U
3,3'-DICHLOROBENZIDENE	NA			ND	1,600	UJ	NA			NA			NA			ND	400	U	NA			ND	1,600	U
3-NITROANILINE	NA			ND	4,000	U	NA			NA			NA			ND	990	U	NA			ND	4,000	U
4,6-DINITRO-2-METHYLPHENOL	NA			ND	4,000	U	NA			ND	4,600	UJ	NA			ND	990	U	NA			ND	4,000	U
4-BROMOPHENYL-PHENYLETHER	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
4-CHLORO-3-METHYLPHENOL	NA			ND	1,600	U	NA			ND	1,900	UJ	NA			ND	400	U	NA			ND	1,600	U
4-CHLOROANILINE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
4-CHLOROPHENYL-PHENYLETHER	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
4-METHYLPHENOL	NA			ND	1,600	U	NA			ND	1,900	UJ	NA			ND	400	U	NA			ND	1,600	U
4-NITROANILINE	NA			ND	4,000	U	NA			NA			NA			ND	990	U	NA			ND	4,000	U
4-NITROPHENOL	NA			ND	4,000	U	NA			ND	4,600	UJ	NA			ND	990	U	NA			ND	4,000	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from COCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB005			FTSSB005			FTSSB006			FTSSB006			FTSSB007			FTSSB007			FTSSB008			FTSSB008		
Sample ID	281FTSSS009			281FTSSS010			281FTSSS011			281FTSSS012			281FTSSS013			281FTSSS014			281FTSSS015			281FTSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.50			2.00 - 3.00			0.00 - 0.50			1.10 - 2.00			0.00 - 0.25			1.50 - 2.30			0.00 - 0.50			1.20 - 1.75		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
ACENAPHTHENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
ACENAPHTHYLENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
ANTHRACENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
BENZO(A)ANTHRACENE	NA			ND	1,600	UJ	NA			NA			NA			ND	400	U	NA			ND	1,600	U
BENZO(A)PYRENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
BENZO(B)FLUORANTHENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
BENZO(G,H,I)PERYLENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
BENZO(K)FLUORANTHENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
BIS(2-CHLOROETHOXY)METHANE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
BIS(2-CHLOROETHYL)ETHER	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	1,600	UJ	NA			NA			NA			ND	400	U	NA			ND	1,600	U
BUTYLBENZYLPHTHALATE	NA			ND	1,600	UJ	NA			NA			NA			ND	400	U	NA			ND	1,600	U
CARBAZOLE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
CHRYSENE	NA			ND	1,600	UJ	NA			NA			NA			ND	400	U	NA			ND	1,600	U
DI-N-BUTYLPHTHALATE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
DI-N-OCTYLPHTHALATE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
DIBENZ(A,H)ANTHRACENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
DIBENZOFURAN	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
DIETHYLPHTHALATE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
DIMETHYLPHTHALATE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
FLUORANTHENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
FLUORENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
HEXACHLOROBENZENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
HEXACHLOROBUTADIENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
HEXACHLOROCYCLOPENTADIENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
HEXACHLOROETHANE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
INDENO(1,2,3-CD)PYRENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
ISOPHORONE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
N-NITROSODIPHENYLAMINE (1)	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
NAPHTHALENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
NITROBENZENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U
PENTACHLOROPHENOL	NA			ND	4,000	U	NA			ND	4,600	UJ	NA			ND	990	U	NA			ND	4,000	U
PHENANTHRENE	NA			ND	1,600	U	NA			NA			NA			ND	400	U	NA			ND	1,600	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB005			FTSSB005			FTSSB006			FTSSB006			FTSSB007			FTSSB007			FTSSB008			FTSSB008		
Sample ID	281FTSSS009			281FTSSS010			281FTSSS011			281FTSSS012			281FTSSS013			281FTSSS014			281FTSSS015			281FTSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.50			2.00 - 3.00			0.00 - 0.50			1.10 - 2.00			0.00 - 0.25			1.50 - 2.30			0.00 - 0.50			1.20 - 1.75		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
PHENOL	NA			ND	1,600	U	NA			ND	1,900	UC	NA			160	390	J	NA			ND	1,600	U
PYRENE	NA			ND	1,600	UJ	NA			NA			NA			ND	400	J	NA			ND	1,600	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	0.8	0.2	J	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
2,4'-DDE	ND	0.2	UC	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			0.5	0.3		NA		
2,4'-DDT	ND	0.2	UJ	NA			ND	0.5	UC	NA			ND	0.1	U	NA			ND	0.2	U	NA		
4,4'-DDD	3.8	0.2	J	NA			ND	0.5	UC	NA			ND	0.1	U	NA			10.8	0.3		NA		
4,4'-DDE	0.5	0.2	J	NA			ND	0.5	UC	NA			ND	0.1	U	NA			3.8	0.3		NA		
4,4'-DDT	0.5	0.2	J	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
ALDRIN	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
ALPHA-CHLORDANE	0.7 θ	0.2	J	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
DIELDRIN	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
GAMMA-BHC (LINDANE)	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
HEPTACHLOR	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
HEPTACHLOR EPOXIDE	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	UJ	NA			ND	0.3	U	NA		
HEXACHLOROBENZENE	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
MIREX	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	UJ	NA			ND	0.3	U	NA		
PCB-101 (2,2',3,5,5')	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-105 (2,3,3',4,4')	ND	0.2	UC	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-118 (2,3',4,4',5)	0.1	0.2	J	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-126 (3,3',4,4',5)	0.1	0.2	J	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-128 (2,2',3,3',4,4')	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-138 (2,2',3,4,4',5')	0.4	0.2	J	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-153 (2,2',4,4',5,5')	0.2	0.2	J	NA			ND	0.5	UC	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.2	UJ	NA			ND	0.5	UC	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-18 (2,2',5)	ND	0.2	UJ	NA			ND	0.5	UC	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-180 (2,2',3,4,4',5,5')	0.2	0.2	J	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	UJ	NA			ND	0.3	U	NA		
PCB-206 (2,2',3,3',4,4',5,5',	0.5	0.2	J	NA			ND	0.5	UJ	NA			ND	0.1	J	NA			ND	0.3	U	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	0.06	0.2	J	NA			ND	0.5	UJ	NA			ND	0.1	UJ	NA			ND	0.3	U	NA		
PCB-28 (2,4,4')	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-44 (2,2',3,5')	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-52 (2,2',5,5')	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

¢ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CDCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB005			FTSSB005			FTSSB006			FTSSB006			FTSSB007			FTSSB007			FTSSB008			FTSSB008		
Sample ID	281FTSSS009			281FTSSS010			281FTSSS011			281FTSSS012			281FTSSS013			281FTSSS014			281FTSSS015			281FTSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/06/95			07/06/95			07/05/95			07/06/95			07/05/95			07/06/95			07/05/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.50			2.00 - 3.00			0.00 - 0.50			1.10 - 2.00			0.00 - 0.25			1.50 - 2.30			0.00 - 0.50			1.20 - 1.75		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-66 (2,3',4,4')	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-77 (3,3',4,4')	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
PCB-8 (2,4')	ND	0.2	UJ	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
TRANS-NONACHLOR	0.3	0.2	J	NA			ND	0.5	UJ	NA			ND	0.1	U	NA			ND	0.3	U	NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			ND	16	U	NA			ND	19	U	NA			ND	4	U	NA			# 9	16	J
4,4'-DDE	NA			ND	16	U	NA			ND	19	U	NA			ND	4	U	NA			ND	16	U
4,4'-DDT	NA			ND	16	U	NA			ND	19	U	NA			ND	4	U	NA			ND	16	U
ALDRIN	NA			ND	8	U	NA			ND	10	U	NA			ND	2	U	NA			ND	8	U
ALPHA-BHC	NA			ND	8	U	NA			ND	10	U	NA			ND	2	U	NA			ND	8	U
ALPHA-CHLORDANE	NA			ND	8	U	NA			ND	10	U	NA			ND	2	U	NA			ND	8	U
AROCLOR-1016	NA			ND	160	U	NA			ND	190	U	NA			ND	20	U	NA			ND	160	U
AROCLOR-1221	NA			ND	320	U	NA			ND	380	U	NA			ND	20	U	NA			ND	320	U
AROCLOR-1232	NA			ND	160	U	NA			ND	190	U	NA			ND	20	U	NA			ND	160	U
AROCLOR-1242	NA			ND	160	U	NA			ND	190	U	NA			ND	20	U	NA			ND	160	U
AROCLOR-1248	NA			ND	160	U	NA			ND	190	U	NA			ND	20	U	NA			ND	160	U
AROCLOR-1254	NA			ND	160	U	NA			ND	190	U	NA			ND	20	U	NA			ND	160	U
AROCLOR-1260	NA			ND	160	U	NA			ND	190	U	NA			ND	20	U	NA			ND	160	U
BETA-BHC	NA			ND	8	U	NA			ND	10	U	NA			ND	2	U	NA			ND	8	U
DELTA-BHC	NA			ND	8	U	NA			ND	10	U	NA			ND	2	U	NA			ND	8	U
DIELDRIN	NA			ND	16	U	NA			ND	19	U	NA			ND	4	U	NA			ND	16	U
ENDOSULFAN I	NA			ND	8	U	NA			ND	10	U	NA			ND	2	U	NA			ND	8	U
ENDOSULFAN II	NA			ND	16	U	NA			ND	19	U	NA			ND	4	U	NA			ND	16	U
ENDOSULFAN SULFATE	NA			ND	16	U	NA			ND	19	U	NA			ND	4	U	NA			ND	16	U
ENDRIN	NA			ND	16	U	NA			ND	19	U	NA			ND	4	U	NA			ND	16	U
ENDRIN ALDEHYDE	NA			ND	16	U	NA			ND	19	U	NA			ND	4	U	NA			ND	16	U
ENDRIN KETONE	NA			ND	16	U	NA			ND	19	U	NA			ND	4	U	NA			ND	16	U
GAMMA-BHC (LINDANE)	NA			ND	8	U	NA			ND	10	U	NA			ND	2	U	NA			ND	8	U
GAMMA-CHLORDANE	NA			ND	8	U	NA			ND	10	U	NA			ND	2	U	NA			ND	8	U
HEPTACHLOR	NA			ND	8	U	NA			ND	10	U	NA			ND	2	U	NA			ND	8	U
HEPTACHLOR EPOXIDE	NA			ND	8	U	NA			ND	10	U	NA			ND	0.4	U	NA			ND	8	U
METHOXYCHLOR	NA			ND	80	U	NA			ND	95	U	NA			ND	20	U	NA			ND	79	U
TOXAPHENE	NA			ND	800	U	NA			ND	950	U	NA			ND	120	U	NA			ND	790	U

Notes: Detected concentrations are shaded.

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* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB004			FTSSB005			FTSSB006			FTSSB006			FTSSB007			FTSSB007			FTSSB008			FTSSB008		
Sample ID	281FTSSS009			281FTSSS010			281FTSSS011			281FTSSS012			281FTSSS013			281FTSSS014			281FTSSS015			281FTSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.50			2.00 - 3.00			0.00 - 0.50			1.10 - 2.00			0.00 - 0.25			1.50 - 2.30			0.00 - 0.50			1.20 - 1.75		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in ug/Kg)																								
1,3,5-TRINITROBENZENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
1,3-DINITROBENZENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
2,4,6-TRINITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
2,4-DINITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
2,6-DINITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
2-NITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
3-NITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
4-NITROTOLUENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
HMX	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
NITROBENZENE	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
RDX	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
TETRYL	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U	NA			ND	120	U
Petroleum Indicators(in mg/Kg)																								
DIESEL	ND	29	U	ND	48	U	ND	27	U	ND	140	U	ND	13	U	ND	12	U	ND	14	U	ND	47	U
MOTOR OIL	180	29		340	48		47	27		800	140		ND	13	U	3	12	J	18	14		50	47	
Total Metals (in mg/Kg)																								
ALUMINUM	37,500 Γ	9.4	J	5,630	15.7	J	16,700	8.9	J	8,190	18.5	J	9,310	4.1	J	11,000	3.9	J	5,260	4.5	J	4,810	15.5	J
ANTIMONY	ND	1.9	U	NA			NA			NA			NA			NA			NA			NA		
ARSENIC	18.0 *θ	1.6		4.8 *	2.7		15.6 *θ	1.5		7.8 *	3.2		ND	4.0	U	7.0 *	0.67		6.2 *	0.77		26.5 *θΓ	2.7	
BARIUM	234	0.17		27.7	0.29		230	0.16		31.8	0.34		195	0.080		170	0.070		177	0.060		48.3	0.28	
BERYLLIUM	ND	0.080	U	ND	0.10	U	ND	0.050	U	ND	0.11	U	ND	0.030	U	ND	0.070	J	ND	0.070	U	ND	0.090	U
CADMIUM	ND	0.12	U	ND	0.19	U	0.32 Γ	0.11		ND	0.23	U	ND	0.050	U	ND	0.050	J	ND	0.060	U	0.73 Γ	0.19	
CALCIUM	7,240	8.3		8,830	13.8		5,360	7.9		8,630	16.4		12,800	3.6		4,210	3.4		3,390	4.0		14,500	13.6	
CHROMIUM	106 θΓ	1.0		20.5	1.7		50.6	0.98		24.8	2.0		25.2	0.45		24.7	0.43		26.3	0.50		25.2	1.7	
COBALT	18.1	0.29		3.6	0.48		7.9	0.27		2.7	0.57		12.3	0.13		10.7	0.12		11.5	0.14		6.2	0.47	
COPPER	86.0 θΓ	0.46		13.1	0.77		64.6 θΓ	0.44		18.8	0.91		25.3	0.20		28.7	0.19		26.5	0.22		50.9 θ	0.76	
IRON	47,100	9.0		6,970	15.1		18,500	8.6		15,300	17.8		16,100	3.9		19,900	3.8		15,400	4.3		5,860	14.9	
LEAD	115 θΓσ	0.86		3.9	1.4		187 *θΓσ	0.82		9.5	1.7		14.3	0.38		7.7	0.36		20.1	0.41		84.4 θΓσ	1.4	
MAGNESIUM	15,400	9.5		9,520	15.8		7,980	9.0		11,500	18.6		10,700	4.1		8,530	3.9		6,700	4.5		15,200	15.5	
MANGANESE	382	0.35		104	0.58		186	0.33		60.7	0.68		706	0.15		402	0.14		182	0.17		246	0.57	
MERCURY	0.34 θΓ	0.060	J	ND	0.24	U	0.49 θΓσ	0.050	J	ND	0.28	U	0.070	0.030	J	0.070	0.020	J	0.070	0.030	J	0.28 θΓ	0.090	J
MOLYBDENUM	ND	0.52	U	ND	1.5	U	ND	1.3	U	3.4	1.9		ND	0.23	U	ND	0.22	U	ND	0.25	U	3.8	0.85	
NICKEL	90.9 #θ	1.9		11.0 θ	3.2		53.2 #θ	1.8		38.5 θ	3.8		65.4 #θ	0.83		51.4 θ	0.79		41.2 θ	0.91		21.7 #θ	3.1	
POTASSIUM	6,510	15.0	J	2,080	26.7	J	3,930	15.2	J	3,140	31.5	J	2,610	7.0	J	2,400	6.7	J	2,940	7.7	J	2,430	26.4	J

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB005			FTSSB005			FTSSB006			FTSSB006			FTSSB007			FTSSB007			FTSSB008			FTSSB008		
Sample ID	281FTSSS009			281FTSSS010			281FTSSS011			281FTSSS012			281FTSSS013			281FTSSS014			281FTSSS015			281FTSSS016		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.50			2.00 - 3.00			0.00 - 0.50			1.10 - 2.00			0.00 - 0.25			1.50 - 2.30			0.00 - 0.50			1.20 - 1.75		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
SELENIUM	ND	2.0	U	ND	3.3	U	ND	1.9	U	ND	3.9	U	ND	0.85	U	ND	0.81	U	ND	0.94	U	ND	3.2	U
SILVER	ND	0.35	U	ND	0.58	U	0.50 Γ	0.33		ND	0.68	U	ND	0.15	U	ND	0.14	U	ND	0.17	U	ND	0.57	U
SODIUM	11,900	73.7	J	25,200	128	J	7,810	69.9	J	45,800	128	J	17,700	32.1	J	7,870	30.5	J	4,850	35.3	J	60,400	128	J
THALLIUM	ND	1.2	U	ND	1.9	U	ND	1.1	U	ND	2.3	U	ND	0.50	U	ND	0.48	U	ND	0.55	U	2.8 Γ	1.9	
VANADIUM	113 Γ	0.35		32.6	0.58		67.6	0.33		47.0	0.68		38.4	0.15		67.2	0.14		39.6	0.17		136 Γ	0.57	
ZINC	213 θΓσ	0.17		39.1	0.29		144	0.16		47.9	0.34		58.5	0.080		69.7	0.070		115	0.080		154 θ	0.28	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			ND	50.0	UJ	NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	1,050	120		ND	264	U	ND	236	U	ND	255	U	ND	60.0	U	ND	60.0	U	ND	74.0	U	ND	72.0	U
TOTAL ORGANIC CARBON	72,300	100		591,000	100		270,000	100		269,000	100		ND	125	J	1,630	100		49,800	100		47,800	100	
Percent Moisture (percent)																								
PERCENT MOISTURE	53.0			NA			80.0			NA			20.0			NA			33.0			NA		
Miscellaneous																								
PH	7.2			6.8			6.7			7.1			8.3			8			7.4			6.2		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB009			FTSSB009		
Sample ID	281FTSSS017			281FTSSSC18		
Matrix	SOIL			SOIL		
Sample Date	07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.12			0.12 - 1.30		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Volatiles (in µg/Kg)						
1,1,1-TRICHLOROETHANE	NA			ND	12	U
1,1,2,2-TETRACHLORCETHANE	NA			ND	12	U
1,1,2-TRICHLOROETHANE	NA			ND	12	U
1,1-DICHLOROETHANE	NA			ND	12	U
1,1-DICHLOROETHENE	NA			ND	12	U
1,2-DICHLOROETHANE	NA			ND	12	U
1,2-DICHLOROETHENE (TOTAL)	NA			ND	12	U
1,2-DICHLOROPROPANE	NA			ND	12	U
2-BUTANONE	NA			ND	12	U
2-HEXANONE	NA			ND	12	U
4-METHYL-2-PENTANONE	NA			ND	12	U
ACETONE	NA			ND	21	U
BENZENE	NA			ND	12	U
BROMODICHLOROMETHANE	NA			ND	12	U
BROMOFORM	NA			ND	12	U
BROMOMETHANE	NA			ND	12	U
CARBON DISULFIDE	NA			ND	12	U
CARBON TETRACHLORIDE	NA			ND	12	U
CHLOROBENZENE	NA			ND	12	U
CHLOROETHANE	NA			ND	12	U
CHLOROFORM	NA			ND	12	U
CHLOROMETHANE	NA			ND	12	U
CIS-1,3-DICHLOROPROPENE	NA			ND	12	U
DIBROMOCHLOROMETHANE	NA			ND	12	U
ETHYLBENZENE	NA			ND	12	U
METHYLENE CHLORIDE	NA			ND	12	U
STYRENE	NA			ND	12	U
TETRACHLOROETHENE	NA			ND	12	U
TOLUENE	NA			ND	12	U
TRANS-1,3-DICHLOROPROPENE	NA			ND	12	U
TRICHLOROETHENE	NA			ND	12	U
VINYL CHLORIDE	NA			ND	12	U
XYLENE (TOTAL)	NA			ND	12	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

\# = Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 293, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB008			FTSSB009		
Sample ID	281FTSSS017			281FTSSS018		
Matrix	SOIL			SOIL		
Sample Date	07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.12			0.12 - 1.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)						
1,1'-BIPHENYL	ND	200	U	NA		
1,2,4-TRICHLOROBENZENE	ND	200	U	NA		
1,2-DICHLORCBENZENE	ND	200	U	NA		
1,3-DICHLORCBENZENE	ND	200	U	NA		
1,4-DICHLORCBENZENE	ND	200	U	NA		
1-METHYLNAPHTHALENE	ND	200	U	NA		
1-METHYLPHENANTHRENE	ND	200	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	200	U	NA		
2,3,5-TRIMETEYLNAPHTEALENE	ND	200	U	NA		
2,4,5-TRICHLORCPHENOL	ND	510	U	NA		
2,4,6-TRICHLORCPHENOL	ND	200	U	NA		
2,4-DICHLOROPHENOL	ND	200	U	NA		
2,4-DIMETHYLPHENOL	ND	200	U	NA		
2,4-DINITROPHENOL	ND	510	U	NA		
2,4-DINITROTOLUENE	ND	200	U	NA		
2,6-DIMETHYLNAPHTHALENE	ND	200	U	NA		
2,6-DINITROTOLUENE	ND	200	U	NA		
2-CHLORONAPHTHALENE	ND	200	U	NA		
2-CHLOROPHENOL	ND	200	U	NA		
2-METHYLNAPHTHALENE	ND	200	U	NA		
2-METEYLPHENOL	ND	200	U	NA		
2-NITROANILINE	ND	510	U	NA		
2-NITROPHENOL	ND	200	U	NA		
3,3'-DICHLOROBENZIDINE	ND	200	U	NA		
3-NITROANILINE	ND	510	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	510	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	200	U	NA		
4-CHLORO-3-METHYLPHENOL	ND	200	U	NA		
4-CHLOROANILINE	ND	200	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	200	U	NA		
4-METHYLPHENOL	ND	200	U	NA		
4-NITROANILINE	ND	510	U	NA		
4-NITROPHENOL	ND	510	U	NA		
ACENAPHTHENE	ND	200	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB009			FTSSB009		
Sample ID	281FTSSS017			281FTSSS018		
Matrix	SOIL			SOIL		
Sample Date	07/05/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.12			0.12 - 1.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)						
ACENAPHTHYLENE	29	200	J	NA		
ANTERACENE	37	200	J	NA		
BENZO(A)ANTHRACENE	91	200	J	NA		
BENZO(A)PYRENE	120 *	200	J	NA		
BENZO(B)FLUORANTHENE	240	200		NA		
BENZO(E)PYRENE	280	200		NA		
BENZO(G,H,I)PERYLENE	170	200	J	NA		
BENZO(K)FLUORANTHENE	120	200	J	NA		
BENZOIC ACID	ND	510	UJ	NA		
BENZYL ALCOHOL	ND	200	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	200	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	200	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	200	U	NA		
BUTYLBENZYLPHTHALATE	ND	200	U	NA		
CARBAZOLE	24	200	J	NA		
CHRYSENE	240	200		NA		
DI-N-BUTYLPHTHALATE	ND	200	U	NA		
DI-N-OCTYLPHTHALATE	ND	200	U	NA		
DIBENZ(A,H)ANTHRACENE	ND	200	U	NA		
DIBENZOFURAN	ND	200	U	NA		
DIBENZOTHIOPHENE	ND	200	U	NA		
DIETHYLPHTHALATE	ND	200	U	NA		
DIMETHYLPHTHALATE	ND	200	U	NA		
FLUORANTHENE	170	200	J	NA		
FLUORENE	ND	200	U	NA		
HEXACHLOROBENZENE	ND	200	U	NA		
HEXACHLOROBUTADIENE	ND	200	U	NA		
HEXACHLOROCYCLOPENTADIENE	ND	200	U	NA		
HEXACHLOROETHANE	ND	200	U	NA		
INDENO(1,2,3-CD)PYRENE	140	200	J	NA		
ISOPHORONE	ND	200	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	200	U	NA		
N-NITROSODIPHENYLAMINE (1)	ND	200	U	NA		
NAPHTHALENE	ND	200	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB009			FTSSB009		
Sample ID	281FTSS9017			281FTSS9018		
Matrix	SOIL			SOIL		
Sample Date	07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.12			0.12 - 1.30		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Low Level Semivolatiles (in µg/Kg)						
NITROBENZENE	ND	200	U	NA		
PERYLENE	ND	200	U	NA		
PHENANTHRENE	31	200	J	NA		
PHENOL	ND	200	U	NA		
PYRENE	120	200	J	NA		
Semivolatiles (in µg/Kg)						
1,2,4-TRICHLOROBENZENE	NA			ND	420	U
1,2-DICHLOROBENZENE	NA			ND	420	U
1,3-DICHLOROBENZENE	NA			ND	420	U
1,4-DICHLOROBENZENE	NA			ND	420	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	420	U
2,4,5-TRICHLOROPHENOL	NA			ND	1,000	U
2,4,6-TRICHLOROPHENOL	NA			ND	420	U
2,4-DICHLOROPHENOL	NA			ND	420	U
2,4-DIMETHYLPHENOL	NA			ND	420	U
2,4-DINITROPHENOL	NA			ND	1,000	U
2,4-DINITROTOLUENE	NA			ND	420	U
2,6-DINITROTOLUENE	NA			ND	420	U
2-CHLORONAPETHALENE	NA			ND	420	U
2-CHLOROPHENOL	NA			ND	420	U
2-METHYLNAPETHALENE	NA			ND	420	U
2-METHYLPHENOL	NA			ND	420	U
2-NITROANILINE	NA			ND	1,000	U
2-NITROPHENOL	NA			ND	420	U
3,3'-DICHLOROBENZIDINE	NA			ND	420	U
3-NITROANILINE	NA			ND	1,000	U
4,6-DINITRO-2-METHYLPHENOL	NA			ND	1,000	U
4-BROMOPHENYL-PHENYLETHER	NA			ND	420	U
4-CHLORO-3-METHYLPHENOL	NA			ND	420	U
4-CHLOROANILINE	NA			ND	420	U
4-CHLOROPHENYL-PHENYLETHER	NA			ND	420	U
4-METHYLPHENOL	NA			ND	420	U
4-NITROANILINE	NA			ND	1,000	U
4-NITROPHENOL	NA			ND	1,000	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB009			FTSSB009		
Sample ID	281FTSSS017			281FTSSS018		
Matrix	SOIL			SOIL		
Sample Date	07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.12			0.12 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)						
ACENAPHTHENE	NA			ND	420	U
ACENAPHTHYLENE	NA			ND	420	U
ANTHRACENE	NA			ND	420	U
BENZO(A)ANTHRACENE	NA			ND	420	U
BENZO(A)PYRENE	NA			ND	420	U
BENZO(B)FLUORANTHENE	NA			ND	420	U
BENZO(G,H,I)PERYLENE	NA			ND	420	U
BENZO(K)FLUORANTHENE	NA			ND	420	U
BIS(2-CHLOROETHOXY)METHANE	NA			ND	420	U
BIS(2-CHLOROETHYL)ETHER	NA			ND	420	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	420	U
BUTYLBENZYLPHTHALATE	NA			ND	420	U
CARBAZOLE	NA			ND	420	U
CHRYSENE	NA			ND	420	U
DI-N-BUTYLPHTHALATE	NA			ND	420	U
DI-N-OCTYLPHTHALATE	NA			ND	420	U
DIBENZ(A,H)ANTHRACENE	NA			ND	420	U
DIBENZOFURAN	NA			ND	420	U
DIETHYLPHTHALATE	NA			ND	420	U
DIMETHYLPHTHALATE	NA			ND	420	U
FLUORANTHENE	NA			ND	420	U
FLUORENE	NA			ND	420	U
HEXACHLOROBENZENE	NA			ND	420	U
HEXACHLOROBUTADIENE	NA			ND	420	U
HEXACHLOROCYCLOPENTADIENE	NA			ND	420	U
HEXACHLOROETHANE	NA			ND	420	U
INDENO(1,2,3-CD)PYRENE	NA			ND	420	U
ISOPHORONE	NA			ND	420	U
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	420	U
N-NITROSODIPHENYLAMINE (1)	NA			ND	420	U
NAPHTHALENE	NA			ND	420	U
NITROBENZENE	NA			ND	420	U
PENTACHLOROPHENOL	NA			ND	1,000	U
PHENANTHRENE	NA			ND	420	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

^ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB009			FTSSB009		
Sample ID	281FTSSS017			281FTSSS018		
Matrix	SOIL			SOIL		
Sample Date	07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.12			0.12 - 1.30		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/Kg)						
PHENOL	NA			ND	420	J
PYRENE	NA			ND	420	J
Low Level Pesticides/PCBs (in µg/Kg)						
2,4'-DDD	ND	0.2	UJ	NA		
2,4'-DDE	ND	0.2	UJ	NA		
2,4'-DDT	ND	0.2	UJ	NA		
4,4'-DDD	0.3	0.2	J	NA		
4,4'-DDE	0.3	0.2	J	NA		
4,4'-DDT	ND	0.2	UJ	NA		
ALDRIN	ND	0.2	UJ	NA		
ALPHA-CHLORDANE	0.3	0.2	J	NA		
DIELDRIN	ND	0.2	UJ	NA		
GAMMA-BHC (LINDANE)	ND	0.2	UJ	NA		
HEPTACHLOR	ND	0.2	UJ	NA		
HEPTACHLOR EPOXIDE	ND	0.2	UJ	NA		
HEXACHLOROBENZENE	ND	0.2	UJ	NA		
MIREX	ND	0.2	UJ	NA		
PCB-101 (2,2',3,5,5')	ND	0.2	UJ	NA		
PCB-105 (2,3,3',4,4')	ND	0.2	UJ	NA		
PCB-118 (2,3',4,4',5)	ND	0.2	UJ	NA		
PCB-126 (3,3',4,4',5)	ND	0.2	UJ	NA		
PCB-128 (2,2',3,3',4,4')	0.1	0.2	J	NA		
PCB-138 (2,2',3,4,4',5')	ND	0.2	UJ	NA		
PCB-153 (2,2',4,4',5,5')	ND	0.2	UJ	NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.2	UJ	NA		
PCB-18 (2,2',5)	ND	0.2	UJ	NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.2	UJ	NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.2	UJ	NA		
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.2	UJ	NA		
PCB-206 (2,2,',3,3',4,4',5,5',	0.2	0.2	J	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.2	UJ	NA		
PCB-28 (2,4,4')	ND	0.2	UJ	NA		
PCB-44 (2,2',3,5')	ND	0.2	UJ	NA		
PCB-52 (2,2',5,5')	ND	0.2	UJ	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB009			FTSSB009		
Sample ID	281FTSSS017			281FTSSS018		
Matrix	SOIL			SOIL		
Sample Date	07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.12			0.12 - 1.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/kg)						
PCB-66 (2,3',4,4')	ND	0.2	UJ	NA		
PCB-77 (3,3',4,4')	ND	0.2	UJ	NA		
PCB-8 (2,4')	ND	0.2	UJ	NA		
TRANS-NONACHLOR	0.3	0.2	J	NA		
Pesticides/PCBs (in µg/kg)						
4,4'-DDD	NA			ND	4	U
4,4'-DDE	NA			ND	4	U
4,4'-DDT	NA			ND	4	U
ALDRIN	NA			ND	2	U
ALPHA-BHC	NA			ND	2	U
ALPHA-CHLORDANE	NA			ND	2	U
AROCLOR-1016	NA			ND	42	U
AROCLOR-1221	NA			ND	84	U
AROCLOR-1232	NA			ND	42	U
AROCLOR-1242	NA			ND	42	U
AROCLOR-1248	NA			ND	42	U
AROCLOR-1254	NA			ND	42	U
AROCLOR-1260	NA			ND	42	U
BETA-BHC	NA			ND	2	U
DELTA-BHC	NA			ND	2	U
DIELDRIN	NA			ND	4	U
ENDOSULFAN I	NA			ND	2	U
ENDOSULFAN II	NA			ND	4	U
ENDOSULFAN SULFATE	NA			ND	4	U
ENDRIN	NA			ND	4	U
ENDRIN ALDEHYDE	NA			ND	4	U
ENDRIN KETONE	NA			ND	4	U
GAMMA-BHC (LINDANE)	NA			ND	2	U
GAMMA-CHLORDANE	NA			ND	2	U
HEPTACHLOR	NA			ND	2	U
HEPTACHLOR EPOXIDE	NA			ND	2	U
METHOXYCHLOR	NA			ND	21	U
TOXAPHENE	NA			ND	210	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB009			FTSSB009		
Sample ID	281FTSSS017			281FTSSS018		
Matrix	SOIL			SOIL		
Sample Date	07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.12			0.12 - 1.30		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Explosives (in µg/Kg)						
1,3,5-TRINITROBENZENE	NA			ND	120	U
1,3-DINITROBENZENE	NA			ND	120	U
2,4,6-TRINITROTOLUENE	NA			ND	120	U
2,4-DINITROTOLUENE	NA			ND	120	U
2,6-DINITROTOLUENE	NA			ND	120	U
2-NITROTOLUENE	NA			ND	120	U
3-NITROTOLUENE	NA			ND	120	U
4-NITROTOLUENE	NA			ND	120	U
HMX	NA			ND	120	U
NITROBENZENE	NA			ND	120	U
RDX	NA			ND	120	U
TETRYL	NA			ND	120	U
Petroleum Indicators(in mg/Kg)						
DIESEL	ND	13	U	ND	13	U
MOTOR OIL	88	13		ND	13	U
Total Metals (in mg/Kg)						
ALUMINUM	13,100	4.4	J	9,500	4.1	J
ANTIMONY	NA			NA		
ARSENIC	4.9 *	0.75		ND	4.0	U
BARIUM	71.4	0.060		166	0.080	
BERYLLIUM	ND	0.030	U	ND	0.13	U
CADMIUM	ND	0.19	U	ND	0.050	U
CALCIUM	8,150	3.9		4,770	3.6	
CHROMIUM	59.3	0.48		19.8	0.45	
COBALT	11.5	0.13		9.0	0.13	
COPPER	34.1 θ	0.21		16.5	0.20	
IRON	20,400	4.2		14,900	3.9	
LEAD	143 *ΘΓσ	0.40		7.8	0.38	
MAGNESIUM	9,060	4.4		6,670	4.1	
MANGANESE	314	0.16		359	0.15	
MERCURY	0.11	0.030	J	0.080	0.030	J
MOLYBDENUM	ND	0.24	U	ND	0.23	U
NICKEL	57.5 #θ	0.68		32.4 θ	0.83	
POTASSIUM	1,080	7.4	J	2,180	7.0	J

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB009			FTSSB009		
Sample ID	281FTSSS017			281FTSSS018		
Matrix	SOIL			SOIL		
Sample Date	07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.12			0.12 - 1.30		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Total Metals (in mg/Kg)						
SELENIUM	ND	0.91	U	ND	0.85	U
SILVER	ND	0.16	U	ND	0.15	U
SODIUM	1,270	34.2	J	1,440	32.1	J
THALLIUM	ND	0.54	U	ND	0.50	U
VANADIUM	50.7	0.16		37.2	0.15	
ZINC	116	0.080		45.5	0.080	
Hexavalent Chromium (in mg/Kg)						
HEXAVALENT CHROMIUM	NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)						
SULFIDE	ND	75.0	U	ND	61.0	U
TOTAL ORGANIC CARBON	21,500	100		ND	128	U
Percent Moisture (percent)						
PERCENT MOISTURE	56.0			NA		
Miscellaneous						
PH	8.3			9.2		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB002			FTSSB007		
Sample ID	281FTSSS003			281FTSSS013		
Matrix	SOIL			SOIL		
Sample Date	07/05/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.25		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Wet Acid Metals (in mg/L)						
ALUMINUM	126,000	16.3	J	107,000	16.3	J
ANTIMONY	3.1	2.1	J	ND	10.5	U
ARSENIC	146 αβ	2.6	J	112 αβ	2.8	J
BARIUM	5,650	0.30	J	2,140	0.30	J
BERYLLIUM	6.1 τ	0.10	J	ND	4.9	U
CADMIUM	19.3 αβτ	0.20	J	6.9 τ	0.20	J
CALCIUM	217,000	14.4	J	1,910,000	14.4	J
CHROMIUM	184 β	1.8	J	251 βτ	1.8	J
COBALT	190	0.50	J	9.7	0.50	J
COPPER	153 ατ	0.80	J	755 ατ	0.80	J
IRON	173,000 τ	15.7	J	272,000 τ	15.7	J
LEAD	11,000 αβτ	1.5	J	731 αβτ	1.5	J
MAGNESIUM	142,000	26.9	J	447,000	26.9	J
MANGANESE	4,070	0.60	J	45,300	0.60	J
MERCURY	0.91 αβτ	0.10	J	0.17 αβτ	0.10	J
MOLYBDENUM	ND	0.90	U	ND	4.5	UJ
NICKEL	591 αβτ	3.3	J	737 αβτ	3.3	J
POTASSIUM	54,700	543	J	81,600	543	J
SELENIUM	ND	3.4	U	ND	17.0	UJ
SILVER	1.3 αβτ	0.50	J	ND	3.0	U
SODIUM	146,000	128	J	1,230,000	128	J
THALLIUM	21.6	2.0	J	73.1 τ	2.0	J
VANADIUM	1,130	0.50	J	738	0.60	J
ZINC	7,870 αβτ	0.30	J	1,880 αβτ	0.30	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

τ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB001			FTSSB002			FTSSB003			FTSSB004			FTSSB005			FTSSB006			FTSSB007			FTSSB008		
Sample ID	281FTSSS001			281FTSSS003			281FTSSS005			281FTSSS007			281FTSSS009			281FTSSS011			281FTSSS013			281FTSSS015		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/05/95			07/05/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95			07/06/95		
Sample Depth (in feet)	0.00 - 0.30			0.00 - 0.50			0.00 - 0.25			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.25			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
WET DI Metals (in µg/L)																								
ALUMINUM	1,480	16.3	J	604	16.3	J	1,370	16.3	J	1,640	16.3	J	62.6	16.3	J	756	16.3	J	22.7	16.3	J	407	16.3	J
ANTIMONY	4.0	2.1	J	1.1	2.1	J	6.7	2.1	J	4.4	2.1	J	ND	2.1	U	ND	2.1	U	ND	2.1	U	3.1	2.1	J
ARSENIC	9.7	2.8	J	15.1	2.8	J	9.1	2.8	J	18.1	2.8	J	23.1	2.8	J	10.8	2.8	J	6.6	2.8	J	17.3	2.8	J
BARIUM	101	0.30	J	32.9	0.30	J	26.6	0.30	J	10.5	0.30	J	87.0	0.30	J	49.2	0.30	J	93.0	0.30	J	118	0.30	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U
CADMIUM	ND	0.24	U	ND	0.21	U	ND	0.23	U	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.20	U
CALCIUM	7,240	14.4	J	5,890	14.4	J	5,590	14.4	J	4,410	14.4	J	57,600	14.4	J	18,840	14.4	J	28,100	14.4	J	9,870	14.4	J
CHROMIUM	ND	2.8	U	ND	1.8	U	ND	4.6	U	ND	4.4	U	ND	1.8	U	ND	2.5	U	ND	1.8	U	ND	1.8	U
COBALT	2.1	0.50	J	0.57	0.50	J	0.86	0.50	J	ND	0.50	U	0.99	0.50	J	0.89	0.50	J	ND	0.50	U	1.2	0.50	J
COPPER	23.0 αr	0.80	J	38.0 αr	0.80	J	23.4 αr	0.80	J	54.3 αr	0.80	J	ND	2.3	U	16.0 αr	0.80	J	5.5 α	0.80	J	38.9 αr	0.80	J
IRON	2,390 γ	15.7	J	955	15.7	J	2,520 γ	15.7	J	1,640 γ	15.7	J	578	15.7	J	594	15.7	J	ND	15.7	U	737	15.7	J
LEAD	38.3 αßr	1.5	J	58.2 αßr	1.5	J	36.1 αßr	1.5	J	34.1 αßr	1.5	J	ND	3.1	U	ND	6.5	U	ND	1.8	U	ND	9.0	U
MAGNESIUM	3,200	16.4	J	4,170	16.4	J	5,560	16.4	J	4,660	16.4	J	49,000	16.4	J	22,300	16.4	J	98,500	16.4	J	10,200	16.4	J
MANGANESE	46.4	0.60	J	15.5	0.60	J	23.6	0.60	J	8.1	0.60	J	690	0.60	J	142	0.60	J	ND	0.60	U	19.9	0.60	J
MERCURY	ND	0.10	U	0.24 αßr	0.10	J	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	NL	0.10	U
MOLYBDENUM	ND	1.7	U	ND	3.6	U	9.4	0.90	J	8.5	0.90	J	5.0	0.90	J	ND	6.9	U	ND	1.8	U	ND	5.8	U
NICKEL	ND	6.7	U	ND	8.7	U	ND	10.2	U	ND	17.5	U	ND	7.3	U	ND	6.5	U	ND	3.3	U	ND	15.7	U
POTASSIUM	921	27.8	J	11,600	27.8	J	15,200	27.8	J	15,400	27.8	J	34,600	27.8	J	26,200	27.8	J	41,400	27.8	J	21,900	27.8	J
SELENIUM	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U
SILVER	ND	0.60	U	ND	0.60	U	2.8 αßr	0.60	J	1.5 αßr	0.60	J	0.91 γ	0.60	J	0.83 γ	0.60	J	1.1 αßr	0.60	J	ND	0.60	U
SODIUM	66,400	128	J	111,000	128	J	122,000	128	J	146,000	128	J	374,000	128	J	246,000	128	J	901,000	128	J	267,000	128	J
THALLIUM	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U
VANADIUM	56.3	0.60	J	49.4	0.60	J	21.7	0.60	J	40.5	0.60	J	4.6	0.60	J	7.6	0.60	J	8.5	0.60	J	34.6	0.60	J
ZINC	97.7	0.30	J	102 αß	0.30	J	36.7	0.30	J	42.3	0.30	J	4.5	0.30	J	17.6	0.30	J	2.9	0.30	J	35.3	0.30	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

γ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-1

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB009		
Sample ID	281FTSSS017		
Matrix	SOIL		
Sample Date	07/06/95		
Sample Depth (in feet)	0.00 - 0.12		
	Result	**Det. Lim.**	**Qual.**
WET DI Metals (in µg/L)			
ALUMINUM	710	16.3	J
ANTIMONY	ND	2.1	U
ARSENIC	15.7	2.8	J
BARIUM	21.7	0.30	J
BERYLLIUM	ND	0.10	U
CADMIUM	ND	0.20	U
CALCIUM	6,040	14.4	J
CHROMIUM	ND	3.2	U
COBALT	1.1	0.50	J
COPPER	24.8 αγ	0.80	J
IRON	1,250 γ	15.7	J
LEAD	52.3 αβγ	1.5	J
MAGNESIUM	4,990	16.4	J
MANGANESE	13.2	0.60	J
MERCURY	ND	0.10	U
MOLYBDENUM	ND	2.0	U
NICKEL	ND	5.7	U
POTASSIUM	8,720	27.8	J
SELENIUM	ND	3.4	U
SILVER	0.77 α	0.60	J
SODIUM	52,700	128	J
THALLIUM	ND	2.0	U
VANADIUM	35.6	0.60	J
ZINC	21.9	0.30	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

γ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW002		
Sample ID	281FTSSW001			281FTSSW101			281FTSSW101A			281FTSSW201			281FTSSW201A			281FTSSW301			281FTSSW301A			281FTSSW002		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			10/25/95			01/30/96			01/31/96			04/30/96			05/01/96			07/11/95		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/L)																								
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
1,1,2,2-TETRACHLOROETHANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
1,1,2-TRICHLOROETHANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
1,1-DICHLOROETHANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
1,1-DICHLOROETHENE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
1,2-DICHLOROETHANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
2-BUTANONE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
2-HEXANONE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
4-METHYL-2-PENTANONE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
ACETONE	ND	10	U	ND	63	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
BENZENE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
BROMOFORM	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
BROMOMETHANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
CARBON DISULFIDE	ND	10	U	20	10	J	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
CHLOROBENZENE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
CHLOROETHANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
CHLOROFORM	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
CHLOROMETHANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
ETHYLBENZENE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
METHYLENE CHLORIDE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
STYRENE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
TETRACHLOROETHENE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
TOLUENE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
TRICHLOROETHENE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
VINYL CHLORIDE	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ
XYLENE (TOTAL)	ND	10	U	ND	10	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	UJ

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND: U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW002		
Sample ID	281FTSSW001			281FTSSW101			281FTSSW101A			281FTSSW201			281FTSSW201A			281FTSSW301			281FTSSW301A			281FTSSW002				
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER				
Sample Date	07/11/95			10/17/95			10/26/95			01/30/96			01/31/96			04/30/96			05/01/96			07/11/95				
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00				
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.			
Semivolatiles (in µg/L)																											
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
1,2-DICHLOROBENZENE	ND	5	U	ND	25	U	NA			ND	5	U	NA			ND	5	U	NA			ND	5	U			
1,3-DICHLOROBENZENE	ND	5	U	ND	25	U	NA			ND	5	U	NA			ND	5	U	NA			ND	5	U			
1,4-DICHLOROBENZENE	ND	5	U	ND	25	U	NA			ND	5	U	NA			ND	5	U	NA			ND	5	U			
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
2,4,5-TRICHLOROPHENOL	ND	25	U	ND	120	U	NA			ND	25	U	NA			ND	25	U	NA			ND	25	U			
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
2,4-DICHLOROPHENOL	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
2,4-DIMETHYLPHENOL	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
2,4-DINITROPHENOL	ND	25	UJ	ND	120	U	NA			ND	25	U	NA			ND	25	U	NA			ND	25	UJ			
2,4-DINITROTOLUENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
2,6-DINITROTOLUENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
2-CHLORONAPHTHALENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
2-CHLOROPHENOL	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
2-METHYLNAPHTHALENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
2-METHYLPHENOL	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
2-NITROANILINE	ND	25	U	ND	120	U	NA			ND	25	U	NA			ND	25	U	NA			ND	25	U			
2-NITROPHENOL	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	50	U	NA			ND	10	UJ	NA			ND	10	U	NA			ND	10	U			
3-NITROANILINE	ND	25	U	ND	120	U	NA			ND	25	U	NA			ND	25	U	NA			ND	25	U			
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	ND	120	U	NA			ND	25	U	NA			ND	25	U	NA			ND	25	U			
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
4-CHLOROANILINE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
4-METHYLPHENOL	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
4-NITROANILINE	ND	25	U	ND	120	U	NA			ND	25	U	NA			ND	25	U	NA			ND	25	U			
4-NITROPHENOL	ND	25	U	ND	120	U	NA			ND	25	U	NA			ND	25	U	NA			ND	25	U			
ACENAPETHENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
ACENAPETHYLENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
ANTHRACENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
BENZO(A)ANTHRACENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
BENZO(A)PYRENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			
BENZO(B)FLUORANTHENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U			

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CDCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW002		
Sample ID	281FTSSW001			281FTSSW101			281FTSSW101A			281FTSSW201			281FTSSW201A			281FTSSW301			281FTSSW301A			281FTSSW002		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			10/25/95			01/30/96			01/31/96			04/30/96			05/01/96			07/11/95		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
BENZO(G,H,I)PERYLENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	U	ND	20	U	NA			ND	4	U	NA			ND	4	U	NA			ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
CARBAZOLE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
CHRYSENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
DIBENZOFURAN	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
DIETHYLPHTHALATE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
DIMETHYLPHTHALATE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
FLUORANTHENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
FLUORENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
HEXACHLOROBENZENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
HEXACHLOROBUTADIENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
HEXACHLOROETHANE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
ISOPHORONE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
NAPHTHALENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
NITROBENZENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
PENTACHLOROPHENOL	ND	25	U	ND	120	U	NA			ND	25	U	NA			ND	25	U	NA			ND	25	U
PHENANTHRENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
PHENOL	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
PYRENE	ND	10	U	ND	50	U	NA			ND	10	U	NA			ND	10	U	NA			ND	10	U
Pesticides/PCBs (in µg/L)																								
4,4'-DDD	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	NA			ND	0.1	U	NA			ND	0.1	UJ
4,4'-DDE	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	NA			ND	0.1	U	NA			ND	0.1	UJ
4,4'-DDT	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	NA			ND	0.1	U	NA			ND	0.1	UJ

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 032

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW002		
Sample ID	281FTSSW001			281FTSSW101			281FTSSW101A			281FTSSW201			281FTSSW201A			281FTSSW301			281FTSSW301A			281FTSSW002		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			10/26/95			01/30/96			01/31/96			04/30/96			05/01/96			07/11/95		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/L)																								
ALDRIN	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	J	NA			ND	0.05	J	NA			ND	0.05	JJ
ALPHA-BHC	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	J	NA			ND	0.05	J	NA			ND	0.05	JJ
ALPHA-CHLORDANE	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	J	NA			ND	0.05	J	NA			ND	0.05	JJ
AROCLOR-1016	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	J	NA			ND	0.5	J	NA			ND	0.5	JJ
AROCLOR-1221	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	J	NA			ND	0.5	J	NA			ND	0.5	JJ
AROCLOR-1232	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	J	NA			ND	0.5	J	NA			ND	0.5	JJ
AROCLOR-1242	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	J	NA			ND	0.5	J	NA			ND	0.5	JJ
AROCLOR-1248	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	J	NA			ND	0.5	J	NA			ND	0.5	JJ
AROCLOR-1254	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	J	NA			ND	0.5	J	NA			ND	0.5	UJ
AROCLOR-1260	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	J	NA			ND	0.5	J	NA			ND	0.5	UJ
BETA-BHC	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	J	NA			ND	0.05	J	NA			ND	0.05	UJ
DELTA-BHC	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	J	NA			ND	0.05	J	NA			ND	0.05	UJ
DIELDRIN	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
ENDOSULFAN I	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	J	NA			ND	0.05	U	NA			ND	0.05	UJ
ENDOSULFAN II	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
ENDOSULFAN SULFATE	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
ENDRIN	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
ENDRIN ALDEHYDE	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
ENDRIN KETONE	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
GAMMA-BHC (LINDANE)	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	J	NA			ND	0.05	U	NA			ND	0.05	UJ
GAMMA-CHLORDANE	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	J	NA			ND	0.05	U	NA			ND	0.05	UJ
HEPTACHLOR	ND	0.05	U	ND	0.05	UJ	NA			ND	0.05	J	NA			ND	0.05	U	NA			ND	0.05	UJ
HEPTACHLOR EPOXIDE	ND	0.01	U	ND	0.01	UJ	NA			ND	0.01	J	NA			ND	0.01	U	NA			ND	0.01	UJ
METHOXYCHLOR	ND	0.5	U	ND	0.5	UJ	NA			ND	0.5	J	NA			ND	0.5	U	NA			ND	0.5	UJ
TOXAPHENE	ND	3	U	ND	3	UJ	NA			ND	3	J	NA			ND	3	U	NA			ND	3	UJ
Explosives (in µg/L)																								
1,3,5-TRINITROBENZENE	ND	0.1	U	ND	0.1	U	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
1,3-DINITROBENZENE	ND	0.1	U	ND	0.1	U	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
2,4,6-TRINITROTOLUENE	ND	0.1	U	ND	0.1	U	NA			ND	0.1	J	NA			ND	0.1	UJ	NA			ND	0.1	UJ
2,4-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
2,6-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
2-NITROTOLUENE	ND	0.1	U	ND	0.1	U	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
3-NITROTOLUENE	ND	0.1	U	ND	0.1	U	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ
4-NITROTOLUENE	ND	0.1	U	ND	0.1	U	NA			ND	0.1	J	NA			ND	0.1	U	NA			ND	0.1	UJ

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW002		
Sample ID	281FTSSW001			281FTSSW101			281FTSSW101A			281FTSSW201			281FTSSW201A			281FTSSW301			281FTSSW301A			281FTSSW002		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			10/26/95			01/30/96			01/31/96			04/30/96			05/01/96			07/11/95		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/L)																								
HMX	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.1	UJ
NITROBENZENE	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.1	UJ
RDX	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.1	UJ
TETRYL	ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U	NA			ND	0.1	UJ	NA			ND	0.1	UJ
Petroleum Indicators (in mg/L)																								
DIESEL	0.3	0.1	J	2	1	J	NA			NA			0.1	0.1	J	NA			ND	0.1	U	0.3	0.1	J
MOTOR OIL	0.6	0.1	J	2	1	J	NA			NA			0.2	0.1	J	NA			0.8	0.6	J	0.8	0.1	J
Total Metals (in µg/L)																								
ALUMINUM	342	16.3	J	1,610	18.8	J	NA			ND	39.7	UJ	NA			116	34.5	J	NA			304	16.3	J
ANTIMONY	ND	3.4	U	9.9	3.0	J	NA			ND	1.6	UJ	NA			ND	2.3	U	NA			ND	2.9	U
ARSENIC	29.9	2.8	J	275 αβ	2.8	J	NA			3.0	1.4	J	NA			10.0	4.0	J	NA			29.7	2.8	J
BARIUM	221	0.30	J	803	0.40	J	NA			106	0.30	J	NA			159	2.6	J	NA			220	0.30	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	NA			ND	0.10	UJ	NA			ND	0.20	U	NA			ND	0.10	U
CADMIUM	ND	0.20	U	ND	0.20	U	NA			ND	0.20	UJ	NA			1.1	0.40	J	NA			ND	0.20	U
CALCIUM	114,000	14.4	J	1,980,000	8.2	J	NA			182,000	14.2	J	NA			185,000	109	J	NA			231,000	14.4	J
CHROMIUM	ND	1.8	U	6.9	0.50	J	NA			ND	1.2	U	NA			2.7	1.4	J	NA			ND	2.2	U
COBALT	3.9	0.50	J	5.1	0.50	J	NA			ND	1.4	UJ	NA			2.3	1.1	J	NA			4.0	0.50	J
COPPER	12.7 αβ	0.80	J	10.8 α	0.80	J	NA			13.4 αβ	0.50	J	NA			ND	3.5	U	NA			9.5 α	0.80	J
IRON	783	15.7	J	3,230 β	13.8	J	NA			427	11.0	J	NA			1,830 β	21.7	J	NA			8,480 β	15.7	J
LEAD	ND	1.5	U	ND	6.2	U	NA			ND	0.80	U	NA			ND	1.9	U	NA			4.9 β	1.5	J
MAGNESIUM	523,000	26.9	J	5,280,000	25.9	J	NA			209,000	26.1	J	NA			239,000	159	J	NA			452,000	26.9	J
MANGANESE	832	0.60	J	4,480	0.30	J	NA			207	0.10	J	NA			585	0.70	J	NA			1,060	0.60	J
MERCURY	0.23 αβ	0.10	J	ND	0.21	U	NA			ND	0.10	U	NA			ND	0.20	U	NA			0.17 αβ	0.10	J
MOLYBDENUM	ND	3.4	U	2.3	1.2	J	NA			4.6	0.50	J	NA			2.3	1.7	J	NA			ND	3.4	U
NICKEL	ND	25.6	U	44.7 αβ	1.3	J	NA			9.1 αβ	0.70	J	NA			ND	13.4	U	NA			ND	17.5	U
POTASSIUM	99,200	543	J	552,000	484	J	NA			41,000	3,000	J	NA			61,700	947	J	NA			74,200	543	J
SELENIUM	ND	3.5	U	ND	3.9	U	NA			2.4	2.3	J	NA			ND	3.5	U	NA			ND	3.4	U
SILVER	ND	0.60	U	ND	0.70	U	NA			ND	0.78	UJ	NA			ND	1.3	U	NA			ND	0.60	U
SODIUM	4,030,000	128	J	28,200,000	124	J	NA			1,360,000	129	J	NA			1,680,000	2,190	J	NA			3,400,000	128	J
THALLIUM	ND	2.0	U	6.4	1.9	J	NA			ND	1.9	U	NA			ND	4.7	U	NA			ND	2.0	U
VANADIUM	10.0	0.60	J	25.8	0.80	J	NA			ND	1.6	UJ	NA			4.1	1.3	J	NA			15.7	0.60	J
ZINC	ND	44.1	U	ND	58.0	U	NA			ND	12.3	UJ	NA			ND	9.4	U	NA			95.2 αβ	0.30	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW001			FTSSW002		
Sample ID	281FTSSW001			281FTSSW101			281FTSSW101A			281FTSSW201			281FTSSW201A			281FTSSW301			281FTSSW301A			281FTSSW002		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/11/95			10/17/95			10/26/95			01/30/96			01/31/96			04/30/96			05/01/96			07/11/95		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Anions, Solids, Sulfides, and TOC (in mg/L)																								
SULFIDE	NA			NA			0.88	0.20	J	NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	103	0.50	J	497	0.50	J	NA			10.5	0.50	J	NA			47.9	2.5	J	NA			235	0.50	J
TOTAL SUSPENDED SOLIDS	92.0	10.0	J	5,520	20.0	J	NA			15.0	10.0	J	NA			23.0	1.7	J	NA			317	10.0	J

Notes: Detected concentrations are shaded.

$\mu g/L$ = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier. TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 285, & 053

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW002			FTSSW002		
Sample ID	281FTSSW202			281FTSSW202A		
Matrix	SWATER			SWATER		
Sample Date	01/30/96			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/L)						
1,1,1-TRICHLOROETHANE	ND	10	U	NA		
1,1,2,2-TETRACHLOROETHANE	ND	10	U	NA		
1,1,2-TRICHLOROETHANE	ND	10	U	NA		
1,1-DICHLOROETHANE	ND	10	U	NA		
1,1-DICHLOROETHENE	ND	10	U	NA		
1,2-DICHLOROETHANE	ND	10	U	NA		
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	NA		
1,2-DICHLOROPROPANE	ND	10	U	NA		
2-BUTANONE	ND	10	U	NA		
2-HEXANONE	ND	10	U	NA		
4-METHYL-2-PENTANONE	ND	10	U	NA		
ACETONE	ND	10	U	NA		
BENZENE	ND	10	U	NA		
BROMODICHLOROMETHANE	ND	10	U	NA		
BROMOFORM	ND	10	U	NA		
BROMOMETHANE	ND	10	U	NA		
CARBON DISULFIDE	ND	10	U	NA		
CARBON TETRACHLORIDE	ND	10	U	NA		
CHLOROBENZENE	ND	10	U	NA		
CHLOROETHANE	ND	10	U	NA		
CHLOROFORM	ND	10	U	NA		
CHLOROMETHANE	ND	10	U	NA		
CIS-1,3-DICHLOROPROPENE	ND	10	U	NA		
DIBROMOCHLOROMETHANE	ND	10	U	NA		
ETHYLBENZENE	ND	10	U	NA		
METHYLENE CHLORIDE	ND	10	U	NA		
STYRENE	ND	10	U	NA		
TETRACHLOROETHENE	ND	10	U	NA		
TOLUENE	ND	10	U	NA		
TRANS-1,3-DICHLOROPROPENE	ND	10	U	NA		
TRICHLOROETHENE	ND	10	U	NA		
VINYL CHLORIDE	ND	10	U	NA		
XYLENE (TOTAL)	ND	10	U	NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW002			FTSSW002		
Sample ID	281FTSSW202			281FTSSW202A		
Matrix	SWATER			SWATER		
Sample Date	01/30/96			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/L)						
1,2,4-TRICHLOROBENZENE	ND	10	U	NA		
1,2-DICHLOROBENZENE	ND	5	U	NA		
1,3-DICHLOROBENZENE	ND	5	U	NA		
1,4-DICHLOROBENZENE	ND	5	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	NA		
2,4,5-TRICHLOROPHENOL	ND	25	U	NA		
2,4,6-TRICHLOROPHENOL	ND	10	U	NA		
2,4-DICHLOROPHENOL	ND	10	U	NA		
2,4-DIMETHYLPHENOL	ND	10	U	NA		
2,4-DINITROPHENOL	ND	25	U	NA		
2,4-DINITROTOLUENE	ND	10	U	NA		
2,6-DINITROTOLUENE	ND	10	U	NA		
2-CHLORONAPHTHALENE	ND	10	U	NA		
2-CHLOROPHENOL	ND	10	U	NA		
2-METHYLNAPHTHALENE	ND	10	U	NA		
2-METHYLPHENOL	ND	10	U	NA		
2-NITROANILINE	ND	25	U	NA		
2-NITROPHENOL	ND	10	U	NA		
3,3'-DICHLOROBENZIDINE	ND	10	U	NA		
3-NITROANILINE	ND	25	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	10	U	NA		
4-CHLORO-3-METHYLPHENOL	ND	10	U	NA		
4-CHLOROANILINE	ND	10	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	NA		
4-METHYLPHENOL	ND	10	U	NA		
4-NITROANILINE	ND	25	U	NA		
4-NITROPHENOL	ND	25	U	NA		
ACENAPHTHENE	ND	10	U	NA		
ACENAPHTHYLENE	ND	10	U	NA		
ANTHRACENE	ND	10	U	NA		
BENZO(A)ANTHRACENE	ND	10	U	NA		
BENZO(A)PYRENE	ND	10	U	NA		
BENZO(B)FLUORANTHENE	ND	10	U	NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit. Qual. = Validation Qualifier. TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW0C2			FTSSW002		
Sample ID	281FTSSW202			281FTSSW202A		
Matrix	SWATER			SWATER		
Sample Date	01/30/96			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/L)						
BENZO(G,H,I)PERYLENE	ND	10	U	NA		
BENZO(K)FLUORANTHENE	ND	10	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	10	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	J	NA		
BUTYLBENZYLPHTHALATE	ND	10	U	NA		
CARBAZOLE	ND	10	U	NA		
CHRYSENE	ND	10	U	NA		
DI-N-BUTYLPHTHALATE	ND	10	U	NA		
DI-N-OCTYLPHTHALATE	ND	10	U	NA		
DIBENZ(A,H)ANTHRACENE	ND	10	U	NA		
DIBENZOFURAN	ND	10	U	NA		
DIETHYLPHTHALATE	ND	10	U	NA		
DIMETHYLPHTHALATE	ND	10	U	NA		
FLUORANTHENE	ND	10	U	NA		
FLUORENE	ND	10	U	NA		
HEXACHLOROBENZENE	ND	10	U	NA		
HEXACHLOROBUTADIENE	ND	10	U	NA		
HEXACHLOROCYCLOPENTADIENE	ND	10	U	NA		
HEXACHLOROETHANE	ND	10	U	NA		
INDENO(1,2,3-CD)PYRENE	ND	10	U	NA		
ISOPHORONE	ND	10	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	NA		
N-NITROSODIPHENYLAMINE (1)	ND	10	U	NA		
NAPHTHALENE	ND	10	U	NA		
NITROBENZENE	ND	10	U	NA		
PENTACHLOROPHENOL	ND	25	U	NA		
PHENANTHRENE	ND	10	U	NA		
PHENOL	ND	10	U	NA		
PYRENE	ND	10	U	NA		
Pesticides/PCBs (in µg/L)						
4,4'-DDD	ND	0.1	U	NA		
4,4'-DDE	ND	0.1	U	NA		
4,4'-DDT	ND	0.1	U	NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW002			FTSSW002		
Sample ID	281FTSSW2C2			281FTSSW202A		
Matrix	SWATER			SWATER		
Sample Date	01/30/96			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Pesticides/PCBs (in µg/L)						
ALDRIN	ND	0.05	U	NA		
ALPHA-BHC	ND	0.05	U	NA		
ALPHA-CHLORDANE	ND	0.05	U	NA		
ARCCLOR-1016	ND	0.5	U	NA		
ARCCLOR-1221	ND	0.5	U	NA		
ARCCLOR-1232	ND	0.5	U	NA		
ARCCLOR-1242	ND	0.5	U	NA		
ARCCLOR-1248	ND	0.5	U	NA		
ARCCLOR-1254	ND	0.5	U	NA		
ARCCLOR-1260	ND	0.5	U	NA		
BETA-BHC	ND	0.05	U	NA		
DELTA-BHC	ND	0.05	U	NA		
DIELDRIN	ND	0.1	U	NA		
ENDOSULFAN I	ND	0.05	U	NA		
ENDOSULFAN II	ND	0.1	U	NA		
ENDOSULFAN SULFATE	ND	0.1	U	NA		
ENDRIN	ND	0.1	U	NA		
ENDRIN ALDEHYDE	ND	0.1	U	NA		
ENDRIN KETONE	ND	0.1	U	NA		
GAMMA-BHC (LINDANE)	ND	0.05	U	NA		
GAMMA-CHLORDANE	ND	0.05	U	NA		
HEPTACHLOR	ND	0.05	U	NA		
HEPTACHLOR EPOXIDE	ND	0.01	U	NA		
METHOXYCHLOR	ND	0.5	U	NA		
TOXAPHENE	ND	3	U	NA		
Explosives (in µg/L)						
1,3,5-TRINITROBENZENE	ND	0.1	U	NA		
1,3-DINITROBENZENE	ND	0.1	U	NA		
2,4,6-TRINITROTOLUENE	ND	0.1	U	NA		
2,4-DINITROTOLUENE	ND	0.1	U	NA		
2,6-DINITROTOLUENE	ND	0.1	U	NA		
2-NITROTOLUENE	ND	0.1	U	NA		
3-NITROTOLUENE	ND	0.1	U	NA		
4-NITROTOLUENE	ND	0.1	U	NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW002			FTSSW002		
Sample ID	281FTSSW202			281FTSSW202A		
Matrix	SWATER			SWATER		
Sample Date	01/30/96			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Explosives (in µg/L)						
HMX	ND	0.1	U	NA		
NITROBENZENE	ND	0.1	U	NA		
RDX	ND	0.1	U	NA		
TETRYL	ND	0.1	U	NA		
Petroleum Indicators(in mg/L)						
DIESEL	NA			0.08	0.1	J
MOTOR OIL	NA			0.1	0.1	J
Total Metals (in µg/L)						
ALUMINUM	ND	76.7	J	NA		
ANTIMONY	ND	1.6	U	NA		
ARSENIC	3.2	1.4	J	NA		
BARIUM	115	0.30	J	NA		
BERYLLIUM	ND	0.10	U	NA		
CADMIUM	ND	0.20	U	NA		
CALCIUM	48,800	14.2	J	NA		
CHROMIUM	ND	0.40	U	NA		
COBALT	ND	0.54	U	NA		
COPPER	7.8 α	0.50	J	NA		
IRON	154	11.0	J	NA		
LEAD	ND	0.80	U	NA		
MAGNESIUM	55,700	26.1	J	NA		
MANGANESE	310	0.10	J	NA		
MERCURY	ND	0.10	U	NA		
MOLYBDENUM	ND	3.3	U	NA		
NICKEL	3.8	0.70	J	NA		
POTASSIUM	14,800	599	J	NA		
SELENIUM	ND	2.3	U	NA		
SILVER	ND	0.50	U	NA		
SODIUM	485,000	25.7	J	NA		
THALLIUM	ND	1.9	U	NA		
VANADIUM	ND	2.0	U	NA		
ZINC	ND	16.7	U	NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-2

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSW002			FTSSW002		
Sample ID	281FTSSW202			281FTSSW2C2A		
Matrix	SWATER			SWATER		
Sample Date	01/30/96			01/31/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Anions, Solids, Sulfides, and TOC (in mg/L)						
SULFIDE	NA			NA		
TOTAL ORGANIC CARBON	18.7	0.50	J	NA		
TOTAL SUSPENDED SOLIDS	ND	10.0	U	NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table C-3

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB100			FTSSB101			FTSSL102			FTSSL103			FTSSL104		
Sample ID	217FTSSS100			217FTSSS101			217FTSSS102			217FTSSS103			217FTSSS104		
Matrix	SOIL			SOIL			SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	06/11/98			06/11/98			06/11/98			06/11/98			06/11/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)															
1,2,4-TRICHLOROBENZENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
1,2-DICHLOROBENZENE	NA			NA			660	660	U	320	320	U	330	330	U
1,3-DICHLOROBENZENE	NA			NA			660	660	U	320	320	U	330	330	U
1,4-DICHLOROBENZENE	NA			NA			660	660	U	320	320	U	330	330	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			1,400	1,400	U	650	650	U	680	680	U
2,4,5-TRICHLOROPHENOL	NA			NA			3,400	3,400	U	1,600	1,600	U	1,700	1,700	U
2,4,6-TRICHLOROPHENOL	NA			NA			1,400	1,400	U	650	650	U	680	680	U
2,4-DICHLOROPHENOL	NA			NA			1,400	1,400	U	650	650	U	680	680	U
2,4-DIMETHYLPHENOL	NA			NA			1,400	1,400	U	650	650	U	680	680	U
2,4-DINITROPHENOL	NA			NA			3,400	3,400	UJ	1,600	1,600	UJ	1,700	1,700	UJ
2,4-DINITROTOLUENE	NA			NA			1,400	1,400	UJ	650	650	UJ	680	680	UJ
2,6-DINITROTOLUENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
2-CHLORONAPHTHALENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
2-CHLOROPHENOL	NA			NA			1,400	1,400	U	650	650	U	680	680	U
2-METHYLNAPHTHALENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
2-METHYLPHENOL	NA			NA			1,400	1,400	U	650	650	U	680	680	U
2-NITROANILINE	NA			NA			3,400	3,400	U	1,600	1,600	U	1,700	1,700	U
2-NITROPHENOL	NA			NA			1,400	1,400	UJ	650	650	UJ	680	680	UJ
3,3'-DICHLOROBENZIDINE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
3-NITROANILINE	NA			NA			3,400	3,400	U	1,600	1,600	U	1,700	1,700	U
4,6-DINITRO-2-METHYLPHENOL	NA			NA			3,400	3,400	UJ	1,600	1,600	UJ	1,700	1,700	UJ
4-BROMOPHENYL-PHENYLETHER	NA			NA			1,400	1,400	U	650	650	U	680	680	U
4-CHLORO-3-METHYLPHENOL	NA			NA			1,400	1,400	U	650	650	U	680	680	U
4-CHLOROANILINE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
4-CHLOROPHENYL-PHENYLETHER	NA			NA			1,400	1,400	U	650	650	U	680	680	U
4-METHYLPHENOL	NA			NA			300	1,400	J	550	650	U	680	680	U
4-NITROANILINE	NA			NA			3,400	3,400	U	1,600	1,600	U	1,700	1,700	U
4-NITROPHENOL	NA			NA			3,400	3,400	UJ	1,600	1,600	UJ	1,700	1,700	UJ
ACENAPHTHENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
ACENAPHTHYLENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
ANTHRACENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
BENZO(A)ANTHRACENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
BENZO(A)PYRENE	NA			NA			1,400	1,400	U	650	650	UJ	680	680	U
BENZO(B)FLUORANTHENE	NA			NA			1,400	1,400	U	650	650	UJ	680	680	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-3

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB100			FTSSB101			FTSSL102			FTSSL103			FTSSL104		
Sample ID	217FTSSS100			217FTSSS101			217FTSSS102			217FTSSS103			217FTSSS104		
Matrix	SOIL			SOIL			SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	06/11/98			06/11/98			06/11/98			06/11/98			06/11/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)															
BENZO(G,H,I)PERYLENE	NA			NA			1,400	1,400	U	650	650	UJ	680	680	U
BENZO(K)FLUORANTHENE	NA			NA			1,400	1,400	U	650	650	UJ	680	680	U
BIS(2-CHLOROETHOXY)METHANE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
BIS(2-CHLOROETHYL)ETHER	NA			NA			1,400	1,400	U	650	650	U	680	680	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			540	540	UJ	260	260	U	270	270	U
BUTYLBENZYLPHTHALATE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
CARBAZOLE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
CHRYSENE	NA			NA			76	1,400	J	650	650	U	56	680	J
DI-N-BUTYLPHTHALATE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
DI-N-OCTYLPHTHALATE	NA			NA			1,400	1,400	U	650	650	UJ	680	680	U
DIBENZ(A,H)ANTHRACENE	NA			NA			1,400	1,400	U	650	650	UJ	680	680	U
DIBENZOFURAN	NA			NA			1,400	1,400	U	650	650	U	680	680	U
DIETHYLPHTHALATE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
DIMETHYLPHTHALATE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
FLUORANTHENE	NA			NA			140	1,400	J	650	650	U	43	680	J
FLUORENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
HEXACHLOROBENZENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
HEXACHLOROBUTADIENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
HEXACHLOROCYCLOPENTADIENE	NA			NA			1,400	1,400	UJ	650	650	UJ	680	680	UJ
HEXACHLOROETHANE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
INDENO(1,2,3-CD)PYRENE	NA			NA			1,400	1,400	U	650	650	UJ	680	680	U
ISOPHORONE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
N-NITROSODIPHENYLAMINE (1)	NA			NA			1,400	1,400	U	650	650	U	680	680	U
NAPHTHALENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
NITROBENZENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
PENTACHLOROPHENOL	NA			NA			3,400	3,400	U	1,600	1,600	U	1,700	1,700	U
PHENANTHRENE	NA			NA			1,400	1,400	U	650	650	U	680	680	U
PHENOL	NA			NA			1,400	1,400	U	650	650	U	680	680	U
PYRENE	NA			NA			110	1,400	J	650	650	U	680	680	U
TOTAL PAHS	NA			NA			326		J			U	99		J
Low Level Pesticides/PCBs (in µg/Kg)															
2,4'-DDD	NA			NA			4	0.4	J	7	0.2		7	0.2	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-3

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB100			FTSSB101			FTSSL102			FTSSL103			FTSSL104		
Sample ID	217FTSSS100			217FTSSS101			217FTSSS102			217FTSSS103			217FTSSS104		
Matrix	SOIL			SOIL			SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	06/11/98			06/11/98			06/11/98			06/11/98			06/11/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/kg)															
2,4'-DDE	NA			NA			0.4	0.4	U	0.4	0.2	J	0.2	0.2	U
2,4'-DDT	NA			NA			3	0.4		0.2	0.2	U	0.2	0.2	U
4,4'-DDD	NA			NA			14	0.4		7	0.2		11	0.2	
4,4'-DDE	NA			NA			7	0.4		3	0.2		5	0.2	
4,4'-DDT	NA			NA			15	0.7		0.3	0.3	U	0.3	0.3	U
ALDRIN	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
ALPHA-BHC	NA			NA			0.7	0.4		0.2	0.2	U	0.2	0.2	U
ALPHA-CHLORDANE	NA			NA			31	0.4	J	0.3	0.2	J	2	0.2	J
BETA-BHC	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
CIS-NONACHLOR	NA			NA			4	4	U	0.2	0.2	U	0.9	0.9	U
DELTA-BHC	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
DIELDRIN	NA			NA			1	1	U	0.2	0.2	J	0.2	0.2	U
ENDOSULFAN I	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
ENDOSULFAN II	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
ENDOSULFAN SULFATE	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
ENDRIN	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
ENDRIN ALDEHYDE	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
ENDRIN KETONE	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
GAMMA-BHC (LINDANE)	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
GAMMA-CHLORDANE	NA			NA			12	0.4		0.4	0.2		4	0.2	
HEPTACHLOR	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
HEPTACHLOR EPOXIDE	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
HEXACHLOROBENZENE	NA			NA			0.7	0.7	U	0.4	0.3		0.4	0.4	
METHOXYCHLOR	NA			NA			1	1	U	0.7	0.7	U	0.7	0.7	U
MIREX	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
OXYCHLORDANE	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-101 (2,2',3,5,5')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-105 (2,3,3',4,4')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.3	0.2	
PCB-114 (2,3,4,4',5)	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-118 (2,3',4,4',5)	NA			NA			0.4	0.4	U	0.2	0.2	U	0.7	0.2	
PCB-123 (2',3,4,4',5)	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-126 (3,3',4,4',5)	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-128 (2,2',3,3',4,4')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-138 (2,2',3,4,4',5')	NA			NA			0.4	0.4	J	0.2	0.2	U	1	0.2	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-3

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB100			FTSSB101			FTSSL102			FTSSL103			FTSSL104		
Sample ID	217FTSSS100			217FTSSS101			217FTSSS102			217FTSSS103			217FTSSS104		
Matrix	SOIL			SOIL			SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	06/11/98			06/11/98			06/11/98			06/11/98			06/11/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/kg)															
PCB-153 (2,2',4,4',5,5')	NA			NA			0.7	0.7	U	0.2	0.2	U	0.2	0.2	J
PCB-156 (2,3,3',4,4',5)	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-157 (2,3,3',4,4',5')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-167 (2,3',4,4',5,5')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-169 (3,3',4,4',5,5')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-170 (2,2',3,3',4,4',5)	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-18 (2,2',5)	NA			NA			0.7	0.7	U	0.3	0.3	U	0.4	0.4	U
PCB-180 (2,2',3,4,4',5,5')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.5	0.5	U
PCB-187 (2,2',3,4',5,5',6)	NA			NA			0.4	0.4	U	0.2	0.2	U	0.4	0.2	
PCB-189 (2,3,3',4,4',5,5')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-206 (2,2',3,3',4,4',5,5',6	NA			NA			0.4	0.4	U	0.2	0.2	U	2	0.2	
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			0.4	0.4	U	0.2	0.2	U	0.5	0.2	
PCB-28 (2,4,4')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-44 (2,2',3,5')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-52 (2,2',5,5')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-66 (2,3',4,4')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-77 (3,3',4,4')	NA			NA			0.4	0.4	U	0.2	0.2	U	0.2	0.2	U
PCB-8 (2,4')	NA			NA			3	3	U	2	2	U	2	2	U
TECHNICAL CHLORDANE	21	6		196	35	J	NA			NA			NA		
TOXAPHENE	NA			NA			210	210	U	100	100	U	100	100	U
TRANS-NONACHLOR	NA			NA			7	7	U	0.8	0.2	J	1	1	U
Total Metals (in mg/kg)															
ALUMINUM	NA			NA			10,300	1.6	J	16,900	0.80	J	7,020	0.83	J
ANTIMONY	NA			NA			2.2	1.0	J	1.1	0.51	J	1.5	0.52	J
ARSENIC	NA			NA			9.8	0.75	J	13.2	0.37	J	17.4	0.38	J
BARIUM	NA			NA			238	0.39	J	68.7	0.19	J	139	0.19	J
BERYLLIUM	NA			NA			0.050	0.050	UJ	0.85	0.0099	J	0.010	0.010	U
CADMIUM	NA			NA			0.89	0.061	J	0.41	0.030	J	1.2	0.031	J
CALCIUM	NA			NA			4,390	12.3	J	2,160	6.0	J	37,500	6.2	J
CHROMIUM	NA			NA			33.4	0.18	J	43.7	0.089	J	25.1	0.092	J
COBALT	NA			NA			4.7	0.28	J	7.4	0.14	J	20.4	0.14	J
COPPER	NA			NA			92.4	0.24	J	33.9	0.12	J	43.2	0.12	J
IRON	NA			NA			16,400	3.7	J	21,000	1.8	J	37,300	1.9	J

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-3

Analytical Results for Soil

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSB100			FTSSB101			FTSSL102			FTSSL103			FTSSL104		
Sample ID	217FTSSS100			217FTSSS101			217FTSSS102			217FTSSS103			217FTSSS104		
Matrix	SOIL			SOIL			SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	06/11/98			06/11/98			06/11/98			06/11/98			06/11/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/kg)															
LEAD	NA			NA			79.5	0.37	J	32.8	0.18	J	95.6	0.18	J
MAGNESIUM	NA			NA			5,970	11.8	J	5,510	5.7	J	3,150	5.9	J
MANGANESE	NA			NA			113	0.041	J	139	0.020	J	3,510	0.20	J
MERCURY	NA			NA			0.25	0.25	UJ	0.40	0.40	UJ	0.10	0.10	U
MOLYBDENUM	NA			NA			4.9	0.31	J	8.22	0.15	J	0.15	0.15	UJ
NICKEL	NA			NA			22.9	0.26	J	48.0	0.13	J	51.6	0.13	J
POTASSIUM	NA			NA			1,870	29.5		1,600	14.4		1,590	14.9	
SELENIUM	NA			NA			1.3	0.92		0.45	0.45	U	1.5	0.46	
SILVER	NA			NA			0.38	0.26	J	0.15	0.13	J	0.63	0.13	J
SODIUM	NA			NA			1,580	53.3		2,260	26.0		4,080	26.9	
THALLIUM	NA			NA			1.4	1.4	U	1.2	0.66		3.8	0.69	
VANADIUM	NA			NA			48.2	0.31	J	62.2	0.15	J	45.2	0.15	J
ZINC	NA			NA			148	0.33	J	59.5	0.16	J	149	0.16	J
Miscellaneous															
SOIL PH (STD. UNITS)	7.5			7.6			8.1			7.7			7.5		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-4

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSL102			FTSSL104			FTSSL104		
Sample ID	217FTSSW106			217FTSSW107			217FTSSW108		
Matrix	SWATER			SWATER			SWATER		
Sample Date	06/11/98			06/11/98			06/11/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/L)									
1,2,4-TRICHLOROBENZENE	10	10	U	10	10	U	11	11	U
1,2-DICHLOROBENZENE	5	5	U	5	5	U	6	6	U
1,3-DICHLOROBENZENE	5	5	U	5	5	U	6	6	U
1,4-DICHLOROBENZENE	5	5	U	5	5	U	6	6	U
2,2'-OXYBIS(1-CHLOROPROPANE)	10	10	UJ	10	10	UJ	11	11	UJ
2,4,5-TRICHLOROPHENOL	26	26	U	26	26	U	28	28	U
2,4,6-TRICHLOROPHENOL	10	10	U	10	10	U	11	11	U
2,4-DICHLOROPHENOL	10	10	U	10	10	U	11	11	U
2,4-DIMETHYLPHENOL	10	10	U	10	10	U	11	11	U
2,4-DINITROPHENOL	26	25	UJ	26	26	UJ	28	28	UJ
2,4-DINITROTOLUENE	10	10	U	10	10	U	11	11	U
2,6-DINITROTOLUENE	10	10	U	10	10	U	11	11	U
2-CHLORONAPHTHALENE	10	10	U	10	10	U	11	11	U
2-CHLOROPHENOL	10	10	U	10	10	U	11	11	U
2-METHYLNAPHTHALENE	10	10	U	10	10	U	11	11	U
2-METHYLPHENOL	10	10	U	10	10	U	11	11	U
2-NITROANILINE	26	26	U	26	26	U	28	28	U
2-NITROPHENOL	10	10	U	10	10	U	11	11	U
3,3'-DICHLOROBENZIDINE	10	10	U	10	10	U	11	11	U
3-NITROANILINE	26	26	U	26	26	U	28	28	U
4,6-DINITRO-2-METHYLPHENOL	26	26	UJ	26	26	UJ	28	28	UJ
4-BROMOPHENYL-PHENYLETHER	10	10	U	10	10	U	11	11	U
4-CHLORO-3-METHYLPHENOL	10	10	U	10	10	U	11	11	U
4-CHLOROANILINE	10	10	U	10	10	U	11	11	U
4-CHLOROPHENYL-PHENYLETHER	10	10	U	10	10	U	11	11	U
4-METHYLPHENOL	26	10	J	10	10	J	11	11	J
4-NITROANILINE	26	26	U	26	26	U	28	28	U
4-NITROPHENOL	26	26	UJ	26	26	UJ	28	28	UJ
ACENAPHTHENE	10	10	U	10	10	U	11	11	U
ACENAPHTHYLENE	10	10	U	10	10	U	11	11	U
ANTHRACENE	10	10	U	10	10	U	11	11	U
BENZO(A)ANTHRACENE	10	10	U	10	10	U	11	11	U
BENZO(A)PYRENE	10	10	U	10	10	U	11	11	U
BENZO(B)FLUORANTHENE	10	10	U	10	10	U	11	11	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-4

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSL102			FTSSL104			FTSSL104		
Sample ID	217FTSSW106			217FTSSW107			217FTSSW108		
Matrix	SWATER			SWATER			SWATER		
Sample Date	06/11/98			06/11/98			06/11/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)									
BENZO(G,H,I)PERYLENE	10	10	U	10	10	U	11	11	U
BENZO(K)FLUORANTHENE	10	10	U	10	10	U	11	11	U
BIS(2-CHLOROETHOXY)METHANE	10	10	U	10	10	U	11	11	U
BIS(2-CHLOROETHYL]ETHER	10	10	U	10	10	U	11	11	U
BIS(2-ETHYLHEXYL)PHTHALATE	4	4	U	4	4	U	4	4	UJ
BUTYLBENZYLPHTHALATE	10	10	U	10	10	U	11	11	U
CARBAZOLE	10	10	U	10	10	U	11	11	U
CHRYSENE	10	10	U	10	10	U	9.6	11	J
DI-N-BUTYLPHTHALATE	10	10	U	10	10	U	11	11	U
DI-N-OCTYLPHTHALATE	10	10	U	10	10	U	11	11	U
DIBENZ(A,H)ANTHRACENE	10	10	U	10	10	U	11	11	U
DIBENZOFURAN	10	10	U	10	10	U	11	11	U
DIETHYLPHTHALATE	10	10	U	10	10	U	11	11	U
DIMETHYLPHTHALATE	10	10	U	10	10	U	11	11	U
FLUORANTHENE	10	10	U	10	10	U	11	11	U
FLUORENE	10	10	U	10	10	U	11	11	U
HEXACHLOROBENZENE	10	10	UJ	10	10	UJ	11	11	UJ
HEXACHLOROBUTADIENE	10	10	U	10	10	U	11	11	U
HEXACHLOROETHANE	10	10	U	10	10	U	11	11	U
INDENO(1,2,3-CD)PYRENE	10	10	U	10	10	U	11	11	U
ISOPHORONE	10	10	U	10	10	U	11	11	U
N-NITROSO-DI-N-PROPYLAMINE	10	10	U	10	10	U	11	11	U
N-NITROSODIPHENYLAMINE (1)	10	10	U	10	10	U	11	11	U
NAPETHALENE	10	10	U	10	10	U	11	11	U
NITROBENZENE	10	10	U	10	10	U	11	11	U
PENTACHLOROPHENOL	26	26	U	26	26	U	28	28	U
PHENANTHRENE	10	10	U	10	10	U	11	11	U
PHENOL	0.8	10	J	10	10	U	11	11	U
PYRENE	10	10	U	10	10	U	11	11	U
TOTAL PAHS			U			U	9.6		J
Pesticides/PCBs (in µg/L)									
4,4'-DDD	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
4,4'-DDE	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
4,4'-DDT	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-4

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSL102			FTSSL104			FTSSL104		
Sample ID	217FTSSW105			217FTSSW107			217FTSSW108		
Matrix	SWATER			SWATER			SWATER		
Sample Date	06/11/98			06/11/98			06/11/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Pesticides/PCBs (in µg/L)									
ALDRIN	0.05	0.05	U	0.05	0.05	U	0.06	0.06	U
ALPHA-BHC	0.05	0.05	U	0.05	0.05	U	0.06	0.06	U
ALPHA-CHLORDANE	0.05	0.05	U	0.05	0.05	U	0.06	0.06	U
AROCLOR-1016	0.5	0.5	U	0.5	0.5	U	0.6	0.6	U
AROCLOR-1221	1	1	U	1	1	U	1	1	U
AROCLOR-1232	0.5	0.5	U	0.5	0.5	U	0.6	0.6	U
AROCLOR-1242	0.5	0.5	U	0.5	0.5	U	0.6	0.6	U
AROCLOR-1248	0.5	0.5	U	0.5	0.5	U	0.6	0.6	U
AROCLOR-1254	0.5	0.5	U	0.5	0.5	U	0.6	0.6	U
AROCLOR-1260	0.5	0.5	U	0.5	0.5	U	0.6	0.6	U
BETA-BHC	0.05	0.05	U	0.05	0.05	U	0.06	0.06	U
DELTA-BHC	0.05	0.05	U	0.05	0.05	U	0.06	0.06	U
DIELDRIN	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
ENDOSULFAN I	0.05	0.05	U	0.05	0.05	U	0.06	0.06	U
ENDOSULFAN II	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
ENDOSULFAN SULFATE	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
ENDRIN	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
ENDRIN ALDEHYDE	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
ENDRIN KETONE	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
GAMMA-BHC (LINDANE)	0.05	0.05	U	0.05	0.05	U	0.06	0.06	U
GAMMA-CHLORDANE	0.05	0.05	U	0.05	0.05	U	0.06	0.06	U
HEPTACHLOR	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
HEPTACHLOR EPOXIDE	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
METHOXYCHLOR	0.5	0.5	U	0.5	0.5	U	0.6	0.6	U
TOXAPHENE	3	3	U	3	3	U	3	3	U
Total Metals (in µg/L)									
ALUMINUM	196	196	UJ	446	1.6	U	162	1.6	U
ANTIMONY	1.0	1.0	J	1.0	1.0		1.0	1.0	
ARSENIC	12.2	0.70		13.5	0.70		12.4	0.70	
BARIUM	253	0.40		110	0.40		242	0.40	
BERYLLIUM	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U
CADMIUM	0.16	0.16	UJ	0.080	0.080	UJ	0.090	0.090	UJ
CALCIUM	68,200	38.0		199,000	380		185,000	380	
CHROMIUM	2.6	2.6	UJ	2.5	2.5	UJ	2.7	2.7	UJ

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-4

Analytical Results for Surface Water

Froid and Taylor Roads Site (Site 9)

Point ID	FTSSL102			FTSSL104			FTSSL104		
Sample ID	217FTSSW106			217FTSSW107			217FTSSW108		
Matrix	SWATER			SWATER			SWATER		
Sample Date	06/11/98			06/11/98			06/11/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in ug/L)									
COBALT	1.2	0.30	J	1.7	0.30	J	1.8	0.30	J
COPPER	3.8	0.20	J	3.5	0.20	J	2.9	0.20	J
IRON	3,050	3.6		2,350	3.6		2,980	3.6	
LEAD	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U
MAGNESIUM	99,100	39.4		261,000	394		244,000	394	
MANGANESE	1,740	0.20		452	0.20		653	0.20	
MERCURY	0.10	0.10	U	0.10	0.10	U	0.10	0.10	U
MOLYBDENUM	2.1	0.30	J	0.42	0.30	J	0.95	0.30	J
NICKEL	9.3	0.30	J	13.8	0.30		11.2	0.30	
POTASSIUM	12,200	444	J	50,400	444	J	58,000	444	J
SELENIUM	2.3	0.60		1.2	0.60		1.0	0.60	
SILVER	0.30	0.30	J	0.26	0.26	U	0.27	0.30	J
SODIUM	883,000	16,800		1,730,000	16,800		1,830,000	16,800	
THALLIUM	2.2	2.2	UJ	1.3	1.3	U	2.0	2.0	UJ
VANADIUM	5.5	0.30	J	6.4	0.30	J	7.6	0.30	J
ZINC	27.9	0.30		8.4	8.4	UJ	10.7	10.7	UJ

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-5

Analytical Results for Tissue

Froid and Taylor Roads Site (Site 9)

Point ID	FTSTI103			FTSTI105		
Sample ID	217FTSTI109			217FTSTI105		
Matrix	FHTISSUE			AMTISSUE		
Sample Date	06/11/98			06/11/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/wipe)						
2,4'-DDD	4	1		1	1	
2,4'-DDE	0.6	0.6	U	0.6	0.6	U
2,4'-DDT	0.4	0.4	U	0.4	0.4	U
4,4'-DDD	28	1		4	1	J
4,4'-DDE	6	5		5	5	UJ
4,4'-DDT	0.4	0.4	U	0.4	0.4	U
ALDRIN	0.2	0.2	U	0.2	0.2	U
ALPHA-BHC	0.6	0.6	UJ	0.5	0.5	U
ALPHA-CHLORDANE	2	2	U	0.7	0.7	UJ
BETA-BHC	0.3	0.3	U	0.3	0.3	U
CIS-NONACHLOR	3	3	UJ	3	3	U
DIELDRIN	2	0.3		0.3	0.3	J
ENDOSULFAN I	0.2	0.2	U	0.2	0.2	U
ENDOSULFAN II	2	2	U	2	2	U
ENDOSULFAN SULFATE	0.3	0.3	UJ	0.3	0.3	UJ
ENDRIN	0.2	0.2	U	0.2	0.2	U
ENDRIN ALDEHYDE	0.2	0.2	UJ	0.2	0.2	UJ
ENDRIN KETONE	0.3	0.3	U	0.3	0.3	U
GAMMA-BHC (LINDANE)	0.5	0.5	U	0.5	0.2	J
GAMMA-CHLORDANE	0.7	0.7	U	0.2	0.4	J
HEPTACHLOR	0.3	0.3	U	0.3	0.3	U
HEPTACHLOR EPOXIDE	0.2	0.2	U	0.2	0.2	U
HEXACHLOROBENZENE	0.7	0.4		0.4	0.4	U
METHOXYCHLOR	1	0.7		0.7	0.7	U
MIREX	0.4	0.4	U	0.4	0.4	U
OXYCHLORDANE	0.4	0.4	U	0.4	0.4	U
PCB-101 (2,2',3,5,5')	2	2	UJ	2	2	UJ
PCB-105 (2,3,3',4,4')	0.5	0.5	U	0.5	0.5	U
PCB-114 (2,3,4,4',5)	0.4	0.4	U	0.4	0.4	U
PCB-118 (2,3',4,4',5)	2	2	UJ	2	2	UJ
PCB-123 (2',3,4,4',5)	0.8	0.8	U	0.8	0.8	U
PCB-126 (3,3',4,4',5)	0.6	0.6	U	0.6	0.6	U
PCB-128 (2,2',3,3',4,4')	0.4	0.4	U	0.4	0.4	U
PCB-138 (2,2',3,4,4',5')	3	3	J	3	3	UJ
PCB-153 (2,2',4,4',5,5')	3	3	J	3	3	UJ
PCB-156 (2,3,3',4,4',5)	0.4	0.2	J	0.2	0.2	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-5

Analytical Results for Tissue

Froid and Taylor Roads Site (Site 9)

Point ID	FTSTI103			FTSTI105		
Sample ID	217FTSTI109			217FTSTI105		
Matrix	PHTISSUE			AMTISSUE		
Sample Date	06/11/98			06/11/98		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Low Level Pesticides/PCBs (in µg/wipe)						
PCB-157 (2,3,3',4,4',5')	0.4	0.4	UJ	0.4	0.4	UJ
PCB-167 (2,3',4,4',5,5')	0.9	0.9	UJ	0.9	0.9	UJ
PCB-169 (3,3',4,4',5,5')	0.2	0.2	U	0.2	0.2	U
PCB-170 (2,2',3,3',4,4',5)	0.8	0.8	U	0.8	0.8	U
PCB-18 (2,2',5)	1	1	U	1	1	U
PCB-180 (2,2',3,4,4',5,5')	1	0.6		1	0.6	
PCB-187 (2,2',3,4',5,5',6)	0.8	1	J	0.5	1	J
PCB-189 (2,3,3',4,4',5,5')	**0.2**	**0.2**	**U**	**0.2**	**0.2**	**U**
PCB-195 (2,2',3,3',4,4',5,6)	**0.2**	**0.2**	**U**	**0.3**	**0.2**	
PCB-206 (2,2',3,3',4,4',5,5',6	2	0.3		0.3	0.3	U
PCB-209 (2,2',3,3',4,4',5,5',6	0.5	0.5	U	0.5	0.5	U
PCB-28 (2,4,4')	0.2	0.2	U	0.2	0.2	U
PCB-44 (2,2',3,5')	0.8	0.8	U	0.8	0.8	U
PCB-52 (2,2',5,5')	0.4	0.4	U	0.4	0.4	U
PCB-66 (2,3',4,4')	0.6	0.6	U	0.6	0.6	U
PCB-77 (3,3',4,4')	0.4	0.4	U	0.4	0.4	U
PCB-8 (2,4')	0.7	0.7	U	0.7	0.7	U
TOXAPHENE	100	100	U	100	100	U
TRANS-NONACHLOR	2	2	U	0.7	0.7	J
Total Metals (in µg/wipe)						
ALUMINUM	74.4	2.1		495	2.2	
ANTIMONY	0.17	0.17	U	0.18	0.18	U
ARSENIC	0.23	0.23	U	0.77	0.24	
BARIUM	4.3	0.46	J	55.8	0.49	
BERYLLIUM	0.020	0.020	U	0.020	0.020	U
CADMIUM	0.020	0.020	U	0.020	0.020	U
CALCIUM	7,690	10.0		10,800	10.5	
CHROMIUM	0.29	0.056	J	1.7	0.059	
COBALT	0.10	0.10	U	0.66	0.11	J
COPPER	1.8	0.17		5.1	0.18	
IRON	206	1.6		750	1.7	
LEAD	0.22	0.13		1.9	0.14	
MAGNESIUM	437	9.9		673	10.3	
MANGANESE	12.9	0.038		72.0	0.039	
MERCURY	0.030	0.011		0.030	0.012	
MOLYBDENUM	0.10	0.10	U	0.10	0.10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table C-5

Analytical Results for Tissue

Froid and Taylor Roads Site (Site 9)

Point ID	FTSTI103			FTSTI105		
Sample ID	217FTSTI109			217FTSTI105		
Matrix	FHTISSUE			AMTISSUE		
Sample Date	06/11/98			06/11/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in µg/wipe)						
NICKEL	0.19	0.15	J	1.3	0.15	J
POTASSIUM	891	17.1		271	17.9	
SELENIUM	0.45	0.18		0.28	0.19	
SILVER	0.070	0.070	U	0.070	0.070	U
SODIUM	1,386	42.9		743	44.9	
THALLIUM	0.30	0.30	U	0.33	0.31	J
VANADIUM	0.58	0.16	J	4.1	0.17	
ZINC	21.2	0.19		11.0	0.20	

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

APPENDIX D

ANALYTICAL DATA TABLES - WOOD HOGGER SITE

LIST OF TABLES

Table

1995

D-1 ANALYTICAL RESULTS FOR SOIL, WOOD HOGGER SITE (SITE 11)

D-2 ANALYTICAL RESULTS FOR SEDIMENT, WOOD HOGGER SITE (SITE 11)

D-3 ANALYTICAL RESULTS FOR SURFACE WATER, WOOD HOGGER SITE (SITE 11)

1998

D-4 ANALYTICAL RESULTS FOR SOIL, WOOD HOGGER SITE (SITE 11)

D-5 ANALYTICAL RESULTS FOR TISSUE, WOOD HOGGER SITE (SITE 11)

Notes:

Point ID	Location of the sample.
Sample ID	Number assigned before the sample is sent to the analytical laboratory. The sample ID is separate from the point (location) ID to ensure that samples are sent blind to the laboratory.
Matrix	Sample media (soil, sediment, and surface water).
Sample Date	Date of sample collection.
Sample Depth	Depth, in feet below ground surface (bgs). Soil or sediment samples collected from a depth of 0 to 0.5 feet bgs are considered surface soil or sediment, and samples collected below 0.5 feet bgs are considered subsurface samples. Surface water samples are collected at a depth of 0 feet bgs.
Result	Listed by analytical group; the concentration shown is the detected concentration.
Detection Limit	The detection limit achieved by the laboratory that is specific to the sample and analyte. The detection limit is different from the sample quantitation limit, which is not sample-specific and instead applies to the methodology.
Qualifier	A qualifier assigned after data validation. "U" indicates undetected results, "J" indicates estimated results.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-01			S37-02			S37-02			S37-03			S37-03			S37-04			S37-04			S37-05		
Sample ID	283S37SS005			283S37SS007			283S37SS008			283S37SS009			283S37SS010			283S37SS011			283S37SS012			283S37SS021		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/17/95		
Sample Depth (in feet)	0.00 - 1.00			0.00 - 1.00			4.00 - 5.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.50 - 1.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in ug/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in ug/Kg)																								
1,1,1-TRICHLOROETHANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
1,1,2,2-TETRACHLOROETHANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
1,1,2-TRICHLOROETHANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
1,1-DICHLOROETHANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
1,1-DICHLOROETHENE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
1,2-DICHLOROETHANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
1,2-DICHLOROETHENE (TOTAL)	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
1,2-DICHLOROPROPANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
2-BUTANONE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
2-HEXANONE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
4-METHYL-2-PENTANONE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
ACETONE	ND	32	U	ND	30	U	ND	16	U	ND	11	U	ND	19	U	ND	17	U	ND	59	U	ND	30	J
BENZENE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
BROMODICHLOROMETHANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
BROMOFORM	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
BROMOMETHANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
CARBON DISULFIDE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
CARBON TETRACHLORIDE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
CHLOROBENZENE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
CHLOROETHANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
CHLOROFORM	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
CHLOROMETHANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
CIS-1,3-DICHLOROPROPENE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
DIBROMOCHLOROMETHANE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
ETHYLBENZENE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
METHYLENE CHLORIDE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
STYRENE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
TETRACHLOROETHENE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J
TOLUENE	ND	11	U	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	J

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-01			S37-02			S37-02			S37-03			S37-03			S37-04			S37-04			S37-05		
Sample ID	283S37SS005			283S37SS007			283S37SS008			283S37SS009			283S37SS010			283S37SS011			283S37SS012			283S37SS021		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/12/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/17/95		
Sample Depth (in feet)	0.00 - 1.00			0.00 - 1.00			4.00 - 5.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.50 - 1.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	ND	11	UJ	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	U
TRICHLOROETHENE	ND	11	UJ	ND	12	U	ND	13	U	ND	11	UJ	ND	12	U	ND	12	UJ	ND	12	U	ND	12	U
VINYL CHLORIDE	ND	11	UJ	ND	12	U	ND	13	U	ND	11	UJ	ND	12	UJ	ND	12	UJ	ND	12	U	ND	12	U
XYLENE (TOTAL)	ND	11	UJ	ND	12	U	ND	13	U	ND	11	UJ	ND	12	UJ	ND	12	UJ	ND	12	U	ND	12	U
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
1-METHYLPHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-01			S37-02			S37-02			S37-03			S37-03			S37-04			S37-04			S37-05		
Sample ID	283S37SS005			283S37SS007			283S37SS008			283S37SS009			283S37SS010			283S37SS011			283S37SS012			283S37SS021		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/17/95		
Sample Depth (in feet)	0.00 - 1.00			0.00 - 1.00			4.00 - 5.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.50 - 1.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTERACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(E)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZOIC ACID	NA			NA			NA			NA			NA			NA			NA			NA		
BENZYL ALCOHOL	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOTHIOPHENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-01			S37-02			S37-02			S37-03			S37-03			S37-04			S37-04			S37-05		
Sample ID	283S37SS005			283S37SS007			283S37SS008			283S37SS009			283S37SS010			283S37SS011			283S37SS012			283S37SS021		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/17/95		
Sample Depth (in feet)	0.00 - 1.00			0.00 - 1.00			4.00 - 5.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.50 - 1.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENANTERENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
1,2-DICHLOROBENZENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
1,3-DICHLOROBENZENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
1,4-DICHLOROBENZENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2,4,5-TRICHLOROPHENOL	ND	940	UJ	ND	970	U	ND	1,100	U	ND	890	U	ND	1,000	U	ND	1,000	U	ND	970	U	ND	990	U
2,4,6-TRICHLOROPHENOL	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2,4-DICHLOROPHENOL	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2,4-DIMETHYLPHENOL	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2,4-DINITROPHENOL	ND	940	UJ	ND	970	U	ND	1,100	U	ND	890	U	ND	1,000	U	ND	1,000	U	ND	970	U	ND	990	U
2,4-DINITROTOLUENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2,6-DINITROTOLUENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2-CHLORONAPHTHALENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2-CHLOROPHENOL	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2-METHYLNAPHTHALENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2-METHYLPHENOL	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
2-NITROANILINE	ND	940	UJ	ND	970	U	ND	1,100	U	ND	890	U	ND	1,000	U	ND	1,000	U	ND	970	U	ND	990	U
2-NITROPHENOL	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
3,3'-DICHLOROBENZIDINE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
3-NITROANILINE	ND	940	UJ	ND	970	U	ND	1,100	U	ND	890	U	ND	1,000	U	ND	1,000	U	ND	970	U	ND	990	U
4,6-DINITRO-2-METHYLPHENOL	ND	940	UJ	ND	970	U	ND	1,100	U	ND	890	U	ND	1,000	U	ND	1,000	U	ND	970	U	ND	990	U
4-BROMOPHENYL-PHENYLETHER	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-01			S37-02			S37-02			S37-03			S37-03			S37-04			S37-04			S37-05		
Sample ID	283S37SS005			283S37SS007			283S37SS008			283S37SS009			283S37SS010			283S37SS011			283S37SS012			283S37SS021		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/17/95		
Sample Depth (in feet)	0.00 - 1.00			0.00 - 1.00			4.00 - 5.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.50 - 1.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-CHLORO-3-METHYLPHENOL	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
4-CHLOROANILINE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
4-CHLOROPHENYL-PHENYLETHER	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
4-METHYLPHENOL	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
4-NITROANILINE	ND	940	UJ	ND	970	U	ND	1,100	U	ND	890	U	ND	1,000	U	ND	1,000	U	ND	970	U	ND	990	U
4-NITROPHENOL	ND	940	UJ	ND	970	U	ND	1,100	U	ND	890	U	ND	1,000	U	ND	1,000	U	ND	970	U	ND	990	U
ACENAPHTHENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
ACENAPHTHYLENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
ANTHRACENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
BENZO(A)ANTHRACENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
BENZO(A)PYRENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
BENZO(B)FLUORANTHENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
BENZO(G,H,I)PERYLENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
BENZO(K)FLUORANTHENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
BIS(2-CHLOROETHOXY)METHANE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
BIS(2-CHLOROETHYL)ETHER	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	540	U	ND	410	U	ND	390	U	ND	400	U
BUTYLBENZYLPHTHALATE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
CARBAZOLE	ND	370	UJ	ND	390	UJ	ND	430	UJ	ND	350	UJ	ND	410	UJ	ND	410	UJ	ND	390	UJ	ND	400	U
CHRYSENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
DI-N-BUTYLPHTHALATE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
DI-N-OCTYLPHTHALATE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
DIBENZ(A,E)ANTHRACENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
DIBENZOFURAN	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
DIETHYLPHTHALATE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
DIMETHYLPHTHALATE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
FLUORANTHENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
FLUORENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
HEXACHLOROBENZENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
HEXACHLOROBUTADIENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
HEXACHLOROCYCLOPENTADIENE	ND	370	UJ	ND	390	UJ	ND	430	UJ	ND	350	UJ	ND	410	UJ	ND	410	UJ	ND	390	UJ	ND	400	U
HEXACHLOROETHANE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
INDENO(1,2,3-CD)PYRENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
ISOPHORONE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

† = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-01			S37-02			S37-02			S37-03			S37-03			S37-04			S37-04			S37-05		
Sample ID	283S37SS005			283S37SS007			283S37SS008			283S37SS009			283S37SS010			283S37SS011			283S37SS012			283S37SS021		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/17/95		
Sample Depth (in feet)	0.00 - 1.00			0.00 - 1.00			4.00 - 5.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.50 - 1.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
N-NITROSODIPHENYLAMINE (1)	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
NAPHTHALENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
NITROBENZENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
PENTACHLOROPHENOL	ND	940	UJ	ND	970	U	ND	1,100	U	ND	890	U	ND	1,000	U	ND	1,000	U	ND	970	U	ND	990	U
PHENANTHRENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
PHENOL	28C	370	J	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
PYRENE	ND	370	UJ	ND	390	U	ND	430	U	ND	350	U	ND	410	U	ND	410	U	ND	390	U	ND	400	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
2,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
MIREX	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-101 (2,2',3,5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-105 (2,3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-118 (2,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-126 (3,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-128 (2,2',3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-138 (2,2',3,4,4',5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-153 (2,2',4,4',5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-170 (2,2',3,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-18 (2,2',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-180 (2,2',3,4,4',5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-187 (2,2',3,4',5,5',6)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-01			S37-02			S37-02			S37-03			S37-03			S37-04			S37-04			S37-05		
Sample ID	283S37SS005			283S37SS007			283S37SS008			283S37SS009			283S37SS010			283S37SS011			283S37SS012			283S37SS021		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/17/95		
Sample Depth (in feet)	0.00 - 1.00			0.00 - 1.00			4.00 - 5.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.50 - 1.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-195 (2,2',3,3',4,4',5,5) PCB-206 (2,2',3,3',4,4',5,5', PCB-209 (2,2',3,3',4,4',5,5',6 PCB-28 (2,4,4')	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA		
PCB-44 (2,2',3,5') PCB-52 (2,2',5,5') PCB-66 (2,3',4,4') PCB-77 (3,3',4,4')	NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA			NA NA NA NA		
PCB-8 (2,4') TRANS-NONACHLOR	NA NA			NA NA			NA NA			NA NA			NA NA			NA NA			NA NA			NA NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD 4,4'-DDE 4,4'-DDT ALDRIN	ND ND ND ND	4 4 4 2	U U U U	ND ND ND ND	4 4 4 2	U U U U	ND ND ND ND	4 4 4 2	U U U U	ND ND ND ND	4 4 4 2	U U U U	ND ND ND ND	4 4 4 2	U U U U	ND ND ND ND	4 4 4 2	U U U U	ND ND ND ND	4 4 4 2	U U U U	ND ND ND ND	4 4 4 2	U U U U
ALPHA-BHC ALPHA-CHLORDANE AROCLOR-1016 AROCLOR-1221	ND ND ND ND	2 2 37 75	U U U U	ND ND ND ND	2 2 39 78	U U U U	ND ND ND ND	2 2 43 87	U U U U	ND ND ND ND	2 2 35 71	U U U U	ND ND ND ND	2 2 41 81	U U U U	ND ND ND ND	2 2 41 82	U U U U	ND ND ND ND	2 2 39 78	U U U U	ND ND ND ND	2 2 40 79	U U U U
AROCLOR-1232 AROCLOR-1242 AROCLOR-1248 AROCLOR-1254	ND ND ND ND	37 37 37 37	U U U U	ND ND ND ND	39 39 39 39	U U U U	ND ND ND ND	43 43 43 43	U U U U	ND ND ND ND	35 35 35 35	U U U U	ND ND ND ND	41 41 41 41	U U U U	ND ND ND ND	41 41 41 41	U U U U	ND ND ND ND	39 39 39 39	U U U U	ND ND ND ND	40 40 40 40	U U U U
AROCLOR-1260 BETA-BHC DELTA-BHC DIELDRIN	ND ND ND ND	37 2 2 4	U U U U	ND ND ND ND	39 2 2 4	U U U U	ND ND ND ND	43 2 2 4	U U U U	ND ND ND ND	35 2 2 4	U U U U	ND ND ND ND	41 2 2 4	U U U U	ND ND ND ND	41 2 2 4	U U U U	ND ND ND ND	39 2 2 4	U U U U	ND ND ND ND	40 2 2 4	U U U U
ENDOSULFAN I ENDOSULFAN II ENDOSULFAN SULFATE ENDRIN	ND ND ND ND	2 4 4 4	U U U U	ND ND ND ND	2 4 4 4	U U U U	ND ND ND ND	2 4 4 4	U U U U	ND ND ND ND	2 4 4 4	U U U U	ND ND ND ND	2 4 4 4	U U U U	ND ND ND ND	2 4 4 4	U U U U	ND ND ND ND	2 4 4 4	U U U U	ND ND ND ND	2 4 4 4	U U U U
ENDRIN ALDEHYDE ENDRIN KETONE GAMMA-BHC (LINDANE)	ND ND ND	4 4 2	U U U	ND ND ND	4 4 2	U U U	ND ND ND	4 4 2	U U U	ND ND ND	4 4 2	U U U	ND ND ND	4 4 2	U U U	ND ND ND	4 4 2	U U U	ND ND ND	4 4 2	U U U	ND ND ND	4 4 2	U U U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-01			S37-02			S37-02			S37-03			S37-03			S37-04			S37-04			S37-05		
Sample ID	283S37SS005			283S37SS007			283S37SS008			283S37SS009			283S37SS010			283S37SS011			283S37SS012			283S37SS021		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/17/95		
Sample Depth (in feet)	0.00 - 1.00			0.00 - 1.00			4.00 - 5.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.50 - 1.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
HEPTACHLOR	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
HEPTACHLOR EPOXIDE	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
METHOXYCHLOR	ND	19	U	ND	19	U	ND	22	U	ND	18	U	ND	20	U	ND	21	U	ND	19	U	ND	20	U
TOXAPHENE	ND	190	U	ND	190	U	ND	220	U	ND	180	U	ND	200	U	ND	210	U	ND	190	U	ND	200	U
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
1,3-DINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	139	120		ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,4,6-TRINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	J	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,4-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,6-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
3-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
4-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
HMX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
NITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
RDX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
TETRYL	NA			ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	16,400	1.4		5,220	1.5		13,000	1.6		19,400	1.3		6,480	1.5		11,000	1.6		10,700	1.5		12,800	1.5	
ANTIMONY	0.48	0.43	J	ND	0.44	UJ	0.68	0.49	J	0.64	0.40	J	ND	0.46	UJ	ND	0.47	UJ	ND	0.44	UJ	0.72	0.45	J
ARSENIC	3.2 *	0.31		4.7 *	0.32		ND	2.3	U	ND	0.63	U	3.8 *	0.34		4.7 *	0.35		2.9 *	0.33		11.2 *#	0.33	
BARIUM	221	0.090		16.4	0.090		96.9	0.10		3.5	0.080		172	0.10		183	0.10		228	0.090		287	0.10	
BERYLLIUM	ND	0.020	J	ND	0.040	U	ND	0.030	U	ND	0.020	U	ND	0.020	U	ND	0.15	U	ND	0.020	U	ND	0.020	U
CADMIUM	ND	0.020	J	ND	0.020	U	ND	0.030	U	ND	0.020	U	ND	0.030	U	ND	0.060	U	ND	0.030	U	ND	0.020	U
CALCIUM	7,570	2.7		2,070	2.8		5,810	3.1		11,300	2.5		3,450	2.9		2,710	2.9		4,410	2.8		5,070	2.8	
CHROMIUM	31.2	0.22		10.5	0.23		18.4	0.26		19.8	0.21		17.1	0.24		20.8	0.25		39.6	0.23		37.1	0.24	
COBALT	17.3	0.090		5.8	0.090		14.4	0.10		17.0	0.080		7.9	0.10		10.0	0.10		15.1	0.090		16.3	0.10	
COPPER	32.9	0.11		9.2	0.12		32.3	0.13		20.0	0.11		14.8	0.12		26.7	0.12		38.7 #	0.12		32.7	0.12	
IRON	25,500	2.3		10,300	2.3		20,400	2.6		26,400	2.1		13,400	2.4		19,300	2.5		27,300	2.4		25,500	2.4	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

\# = Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 231, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-01			S37-02			S37-02			S37-03			S37-03			S37-04			S37-04			S37-05		
Sample ID	283S37SS005			283S37SS007			283S37SS008			283S37SS009			283S37SS010			283S37SS011			283S37SS012			283S37SS021		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/17/95		
Sample Depth (in feet)	0.00 - 1.00			0.00 - 1.00			4.00 - 5.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.50 - 1.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/kg)																								
LEAD	6.0	0.29		5.2	0.30		5.7	0.34		2.4	0.28		4.8	0.32		7.6	0.32		8.2	0.30		6.5	0.31	
MAGNESIUM	10,900	1.1		3,210	1.2		8,890	1.3		15,400	1.1		4,100	1.2		7,220	1.3		7,650	1.2		8,690	1.2	
MANGANESE	456	0.040		123	0.050		458	0.050		244	0.040		340	0.050		338	0.050		596	0.050		252	0.050	
MERCURY	ND	0.17	U	ND	0.060	U	ND	0.16	U	0.35 BT	0.020		ND	0.060	U	ND	0.060	U	ND	0.060	U	ND	0.12	U
MOLYBDENUM	ND	0.18	U	ND	0.19	U	ND	0.21	J	ND	0.17	U	ND	0.19	U	ND	0.20	U	ND	0.19	U	ND	0.19	U
NICKEL	34.4 B	0.29		8.9	0.30		37.8 B	0.34		11.2	0.26		26.9 B	0.32		75.8 B	0.32		79.3 #B	0.30		65.2 #B	0.31	
POTASSIUM	865	9.8	J	944	10.2	J	1,810	11.4	J	416	9.3	J	612	10.6	J	1,650	10.9	J	834	10.2	J	753	10.5	J
SELENIUM	ND	0.78	U	ND	0.81	U	ND	0.91	U	ND	0.74	U	ND	0.85	U	ND	0.87	U	ND	0.82	U	ND	0.84	U
SILVER	ND	0.11	U	ND	0.12	U	ND	0.13	U	ND	0.11	U	ND	0.12	U	ND	0.12	U	ND	0.12	U	ND	0.12	U
SODIUM	617	28.8		ND	53.0	U	455	33.4		564	27.3		506	31.2		225	31.8		257	30.0		226	30.7	
THALLIUM	ND	0.38	U	ND	0.35	U	ND	0.39	U	ND	0.63	U	ND	0.96	U	ND	0.37	U	ND	0.38	U	ND	1.1	U
VANADIUM	69.2	0.16		24.0	0.16	U	51.9	0.18		76.1	0.15		40.2	0.17		49.8	0.17		65.3	0.16		61.1	0.27	
ZINC	41.7	0.070		ND	29.8	U	38.5	0.080		ND	19.3	U	36.7	0.070		55.7	0.070		62.0	0.070		67.2	0.070	
Hexavalent Chromium (in ug/kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	ND	100	U	ND	100	U	ND	100	U	ND	100	U	ND	100	U	ND	100	U	ND	100	U	ND	100	U
Dioxin (in ug/kg)																								
1,2,3,4,5,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected. J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-01			S37-02			S37-02			S37-03			S37-03			S37-04			S37-04			S37-05		
Sample ID	283S37SS005			283S37SS007			283S37SS008			283S37SS009			283S37SS010			283S37SS011			283S37SS012			283S37SS021		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/13/95			04/17/95		
Sample Depth (in feet)	0.00 - 1.00			0.00 - 1.00			4.00 - 5.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.50 - 1.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in pg/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	4.8			16.7			19.4			4.8			18.0			16.3			15.2			10.9		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	8.2			7.8			7.9			7.8			7.7			8			8.2			8.5		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-05			S37-06			S37-06			S37-07			S37-07			S37-08			S37-08			S37-09		
Sample ID	283S37SS022			283S37SS023			283S37SS024			283S37SS013			283S37SS014			283S37SS001			283S37SS002			283S37SS003		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/17/95			04/17/95			04/17/95			04/13/95			04/13/95			04/11/95			04/11/95			04/11/95		
Sample Depth (in feet)	5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Aromatic Volatiles (in ug/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in ug/Kg)																								
1,1,1-TRICHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
1,1,2,2-TETRACHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
1,1,2-TRICHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
1,1-DICHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
1,1-DICHLOROETHENE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
1,2-DICHLOROETHENE (TOTAL)	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
1,2-DICHLOROPROPANE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
2-BUTANONE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
2-HEXANONE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
4-METHYL-2-PENTANONE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
ACETONE	ND	29	U	ND	15	U	ND	16	J	ND	21	U	ND	43	U	ND	26	U	ND	17	U	ND	11	U
BENZENE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
BROMODICHLOROMETHANE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
BROMOFORM	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
BROMOMETHANE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
CARBON DISULFIDE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
CARBON TETRACHLORIDE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
CHLOROBENZENE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
CHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
CHLOROFORM	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
CHLOROMETHANE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
CIS-1,3-DICHLOROPROPENE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
DIBROMOCHLOROMETHANE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
ETHYLBENZENE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
METHYLENE CHLORIDE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
STYRENE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
TETRACHLOROETHENE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
TOLUENE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

B = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

I = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 282, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-05			S37-06			S37-06			S37-07			S37-07			S37-08			S37-08			S37-09		
Sample ID	283S37SS022			283S37SS023			283S37SS024			283S37SS013			283S37SS014			283S37SS001			283S37SS002			283S37SS003		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/17/95			04/17/95			04/17/95			04/13/95			04/13/95			04/11/95			04/11/95			04/11/95		
Sample Depth (in feet)	5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
TRICHLOROETHENE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
VINYL CHLORIDE	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
XYLENE (TOTAL)	ND	12	U	ND	11	U	ND	12	U	ND	13	U	ND	13	U	ND	11	U	ND	12	U	ND	11	U
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
1-METHYLPHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METEYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METEYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 261, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-05			S37-06			S37-06			S37-07			S37-07			S37-08			S37-08			S37-09		
Sample ID	283S37SS022			283S37SS023			283S37SS024			283S37SS013			283S37SS014			283S37SS001			283S37SS002			283S37SS003		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/17/95			04/17/95			04/17/95			04/13/95			04/13/95			04/11/95			04/11/95			04/11/95		
Sample Depth (in feet)	5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(E)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZOIC ACID	NA			NA			NA			NA			NA			NA			NA			NA		
BENZYL ALCOHOL	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PETHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOTHIOPHENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-05			S37-06			S37-06			S37-07			S37-07			S37-08			S37-08			S37-09		
Sample ID	283S37SS022			283S37SS023			283S37SSC24			283S37SS013			283S37SSC14			283S37SS001			283S37SS002			283S37SS003		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/17/95			04/17/95			04/17/95			04/13/95			04/13/95			04/11/95			04/11/95			04/11/95		
Sample Depth (in feet)	5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
1,2-DICHLOROBENZENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
1,3-DICHLOROBENZENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
1,4-DICHLOROBENZENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2,4,5-TRICHLOROPHENOL	ND	1,000	U	ND	930	U	ND	1,000	U	ND	1,100	U	ND	1,100	U	ND	960	U	ND	1,000	U	ND	940	U
2,4,6-TRICHLOROPHENOL	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2,4-DICHLOROPHENOL	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2,4-DIMETHYLPHENOL	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2,4-DINITROPHENOL	ND	1,000	U	ND	930	U	ND	1,000	U	ND	1,100	U	ND	1,100	U	ND	960	U	ND	1,000	U	ND	940	U
2,4-DINITROTOLUENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2,6-DINITROTOLUENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2-CHLORONAPHTHALENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2-CHLOROPHENOL	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2-METHYLNAPHTHALENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2-METHYLPHENOL	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
2-NITROANILINE	ND	1,000	U	ND	930	U	ND	1,000	U	ND	1,100	U	ND	1,100	U	ND	960	U	ND	1,000	U	ND	940	U
2-NITROPHENOL	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
3,3'-DICHLOROBENZIDINE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
3-NITROANILINE	ND	1,000	U	ND	930	U	ND	1,000	U	ND	1,100	U	ND	1,100	U	ND	960	U	ND	1,000	U	ND	940	U
4,6-DINITRO-2-METHYLPHENOL	ND	1,000	U	ND	930	U	ND	1,000	U	ND	1,100	U	ND	1,100	U	ND	960	U	ND	1,000	U	ND	940	U
4-BROMOPHENYL-PHENYLETHER	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-05			S37-06			S37-06			S37-07			S37-07			S37-08			S37-08			S37-09		
Sample ID	283S37SS022			283S37SS023			283S37SS024			283S37SS013			283S37SS014			283S37SS001			283S37SS002			283S37SS003		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/17/95			04/17/95			04/17/95			04/13/95			04/13/95			04/11/95			04/11/95			04/11/95		
Sample Depth (in feet)	5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-CHLORO-3-METHYLPHENOL	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
4-CHLOROANILINE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
4-CHLOROPHENYL-PHENYLETHER	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
4-METHYLPHENOL	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
4-NITROANILINE	ND	1,000	U	ND	930	U	ND	1,000	U	ND	1,100	U	ND	1,100	U	ND	960	U	ND	1,000	U	ND	940	U
4-NITROPHENOL	ND	1,000	U	ND	930	U	ND	1,000	U	ND	1,100	U	ND	1,100	U	ND	960	U	ND	1,000	U	ND	940	U
ACENAPHTHENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
ACENAPHTHYLENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
ANTHRACENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
BENZO(A)ANTHRACENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
BENZO(A)PYRENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
BENZO(B)FLUORANTHENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
BENZO(G,H,I)PERYLENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
BENZO(K)FLUORANTHENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
BIS(2-CHLOROETHOXY)METHANE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
BIS(2-CHLOROETHYL)ETHER	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
BUTYLBENZYLPHTHALATE	ND	420	U	ND	370	U	ND	400	U	ND	440	UJ	ND	430	UJ	ND	380	U	ND	400	U	ND	370	U
CARBAZOLE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
CHRYSENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
DI-N-BUTYLPHTHALATE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
DI-N-OCTYLPHTHALATE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
DIBENZ(A,H)ANTHRACENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
DIBENZOFURAN	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
DIETHYLPHTHALATE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
DIMETHYLPHTHALATE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
FLUORANTHENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
FLUORENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
HEXACHLOROBENZENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
HEXACHLOROBUTADIENE	ND	420	U	ND	370	U	ND	400	U	ND	440	UJ	ND	430	UJ	ND	380	U	ND	400	U	ND	370	U
HEXACHLOROCYCLOPENTADIENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
HEXACHLOROETHANE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
INDENO(1,2,3-CD)PYRENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
ISOPHORONE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

e = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

r = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-05			S37-06			S37-06			S37-07			S37-07			S37-08			S37-08			S37-09		
Sample ID	283S37SS022			283S37SS023			283S37SS024			283S37SS013			283S37SS014			283S37SS001			283S37SS002			283S37SS003		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/17/95			04/17/95			04/17/95			04/13/95			04/13/95			04/11/95			04/11/95			04/11/95		
Sample Depth (in feet)	5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
N-NITROSODIPHENYLAMINE (1)	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
NAPETHALENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
NITROBENZENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
PENTACHLOROPHENOL	ND	1,000	U	ND	930	U	ND	1,000	U	ND	1,100	U	ND	1,100	U	ND	960	U	ND	1,000	U	ND	940	U
PHENANTHRENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
PHENOL	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
PYRENE	ND	420	U	ND	370	U	ND	400	U	ND	440	U	ND	430	U	ND	380	U	ND	400	U	ND	370	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
2,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
MIREX	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-101 (2,2',3,5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-105 (2,3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-118 (2,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-126 (3,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-128 (2,2',3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-138 (2,2',3,4,4',5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-153 (2,2',4,4',5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-170 (2,2',3,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-18 (2,2',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-180 (2,2',3,4,4',5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-187 (2,2',3,4',5,5',6)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-05			S37-06			S37-06			S37-07			S37-07			S37-08			S37-08			S37-09		
Sample ID	283S37SS022			283S37SS023			283S37SS024			283S37SS013			283S37SS014			283S37SS001			283S37SS002			283S37SS003		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/17/95			04/17/95			04/17/95			04/13/95			04/13/95			04/11/95			04/11/95			04/11/95		
Sample Depth (in feet)	5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-195 (2,2',3,3',4,4',5,5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-206 (2,2',3,3',4,4',5,5',	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-28 (2,4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-44 (2,2',3,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-52 (2,2',5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-66 (2,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-77 (3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-8 (2,4')	NA			NA			NA			NA			NA			NA			NA			NA		
TRANS-NONACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
4,4'-DDE	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
4,4'-DDT	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
ALDRIN	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
ALPHA-BHC	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
ALPHA-CHLORDANE	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
AROCLOR-1016	ND	42	U	ND	37	U	ND	40	U	ND	44	U	ND	43	U	ND	38	U	ND	40	U	ND	37	U
AROCLOR-1221	ND	83	U	ND	74	U	ND	80	U	ND	88	U	ND	85	U	ND	77	U	ND	80	U	ND	75	U
AROCLOR-1232	ND	42	U	ND	37	U	ND	40	U	ND	44	U	ND	43	U	ND	38	U	ND	40	U	ND	37	U
AROCLOR-1242	ND	42	U	ND	37	U	ND	40	U	ND	44	U	ND	43	U	ND	38	U	ND	40	U	ND	37	U
AROCLOR-1248	ND	42	U	ND	37	U	ND	40	U	ND	44	U	ND	43	U	ND	38	U	ND	40	U	ND	37	U
AROCLOR-1254	ND	42	U	ND	37	U	ND	40	U	ND	44	U	ND	43	U	ND	38	U	ND	40	U	ND	37	U
AROCLOR-1260	ND	42	U	ND	37	U	ND	40	U	ND	44	U	ND	43	U	ND	38	U	ND	40	U	ND	37	U
BETA-BHC	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
DELTA-BHC	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
DIELDRIN	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
ENDOSULFAN I	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
ENDOSULFAN II	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
ENDOSULFAN SULFATE	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
ENDRIN	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
ENDRIN ALDEHYDE	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
ENDRIN KETONE	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
GAMMA-BHC (LINDANE)	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value. NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-05			S37-06			S37-06			S37-07			S37-07			S37-08			S37-08			S37-09		
Sample ID	283S37SS022			283S37SS023			283S37SS024			283S37SS013			283S37SS014			283S37SS001			283S37SS002			283S37SS003		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/17/95			04/17/95			04/17/95			04/13/95			04/13/95			04/11/95			04/11/95			04/11/95		
Sample Depth (in feet)	5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
HEPTACHLOR	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
HEPTACHLOR EPOXIDE	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
METHOXYCHLOR	ND	21	U	ND	19	U	ND	20	U	ND	22	U	ND	21	U	ND	19	U	ND	20	U	ND	19	U
TOXAPHENE	ND	210	U	ND	190	U	ND	200	U	ND	220	U	ND	210	U	ND	190	U	ND	200	U	ND	190	U
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
1,3-DINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,4,6-TRINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,4-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2,6-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
2-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
3-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
4-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
HMX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
NITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
RDX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
TETRYL	NA			NA			NA			ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U
										ND	120	U	ND	120	U	ND	120	U	NA			NA		
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	8,800	1.6		3,350	1.4		5,260	1.5		6,500	1.7		3,510	1.6		4,790	1.4		11,500	1.5		3,340	1.4	
ANTIMONY	ND	0.48	UJ	ND	0.42	UJ	ND	0.46	UJ	ND	0.50	UJ	ND	0.49	UJ	0.53	0.44	J	0.79	0.45	J	ND	0.43	UJ
ARSENIC	5.1 *	0.35		3.5 *	0.31		3.9 *	0.34		4.8 *	0.37		3.9 *	0.36		8.2 *	0.32		6.2 *	0.34		3.4 *	0.31	
BARIUM	102	0.10		20.3	0.090		157	0.10		175	0.11		237	0.10		34.7	0.090		183	0.10		22.9	0.090	
BERYLLIUM	ND	0.060	U	ND	0.090	U	ND	0.020	U	0.36 *T	0.030		ND	0.17	U	ND	0.060	U	0.35 *T	0.020		ND	0.040	U
CADMIUM	ND	0.020	U	ND	0.020	U	ND	0.020	U	0.48 T	0.030		ND	0.030	U	ND	0.020	U	ND	0.020	U	ND	0.020	U
CALCIUM	4,360	3.0		824	2.6		3,370	2.9		5,220	3.1		4,030	3.1		1,830	2.7		3,520	2.9		1,200	2.7	
CHROMIUM	18.5	0.25		7.0	0.22		12.3	0.24		12.5	0.26		13.9	0.26		10.4	0.23		20.3	0.24		6.4	0.22	
COBALT	7.8	0.10		3.4	0.090		10.0	0.10		4.4	0.11		6.5	0.10		4.7	0.090		13.2	0.10		4.8	0.090	
COPPER	13.5	0.13		4.6	0.11		10.6	0.12		11.4	0.13		14.8	0.13		9.9	0.11		27.1	0.12		5.1	0.11	
IRON	25,100	2.5		7,140	2.2		12,000	2.4		8,480	2.7		13,900	2.6		11,700	2.3		40,200	2.4		7,580	2.3	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

9 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

T = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-05			S37-06			S37-06			S37-07			S37-07			S37-08			S37-08			S37-09		
Sample ID	283S37SS022			283S37SS023			283S37SS024			283S37SS013			283S37SS014			283S37SS001			283S37SS002			283S37SS003		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/17/95			04/17/95			04/17/95			04/13/95			04/13/95			04/11/95			04/11/95			04/11/95		
Sample Depth (in feet)	5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	6.7	0.33		3.1	0.29		5.0	0.31		6.3	0.34		7.0	0.34		5.2	0.30		7.9	0.31		3.1	0.29	
MAGNESIUM	5,000	1.3		1,680	1.1		3,420	1.2		1,210	1.3		5,580	1.3		3,080	1.2		7,610	1.2		2,280	1.1	
MANGANESE	270	0.050		75.1	0.040		452	0.050		179	0.050		159	0.050		98.2	0.050		538	0.050		128	0.040	
MERCURY	ND	0.060	U	ND	0.060	U	ND	0.060	U	ND	0.070	U	ND	0.060	U	ND	0.060	U	ND	0.060	U	ND	0.060	U
MOLYBDENUM	ND	0.20	U	ND	0.18	U	ND	0.19	U	ND	0.25	U	ND	0.21	U	ND	0.18	U	ND	0.19	U	ND	0.18	U
NICKEL	26.0 θ	0.33		ND	5.2	U	22.0 θ	0.31		14.7	0.34		20.7	0.34		7.6	0.30		47.5 θ	0.31		6.3	0.29	
POTASSIUM	1,500	11.0	J	556	9.7	J	638	10.5	J	1,140	11.5	J	1,930	11.3	J	1,100	10.1	J	2,400	10.6	J	764	9.9	J
SELENIUM	ND	0.88	U	ND	0.78	U	ND	0.84	U	ND	0.92	U	ND	0.90	U	ND	0.80	U	ND	0.85	U	ND	0.79	U
SILVER	ND	0.12	U	ND	0.11	U	ND	0.12	U	ND	0.13	U	ND	0.13	U	ND	0.11	U	ND	0.12	U	ND	0.11	U
SODIUM	1,160	32.2	J	ND	28.5	U	ND	43.5	U	530	32.6		1,820	33.1		229	29.5		278	31.1		515	28.9	
THALLIUM	ND	1.2		ND	0.33	U	ND	1.4	U	ND	0.39	U	ND	0.39	U	ND	0.34	U	ND	0.36	J	ND	0.34	U
VANADIUM	43.1	0.18		14.8	0.16		36.F	0.17		15.8	0.18		35.4	0.18		25.1	0.15		48.0	0.17		15.3	0.16	
ZINC	19.3	0.080		ND	23.2	U	ND	28.4	U	ND	30.0	U	40.3	0.080		ND	37.6	U	64.1	0.070		ND	24.6	U
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	ND	100	U	620	100		ND	100	U	ND	100	U	ND	100	U	34,500	100		8,580	100		ND	100	U
Dioxin (in pg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-05			S37-06			S37-05			S37-07			S37-07			S37-08			S37-08			S37-09		
Sample ID	283S37SS022			283S37SS023			283S37SS024			283S37SS013			283S37SS014			283S37SS001			283S37SS002			283S37SS003		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/17/95			04/17/95			04/17/95			04/13/95			04/13/95			04/11/95			04/11/95			04/11/95		
Sample Depth (in feet)	5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00			5.00 - 6.00			0.00 - 1.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in pg/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	17.7			15.5			20.0			21.3			23.0			0.60			0.66			0.60		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	8.1			8			8.3			7.4			7.4			7.5			7.8			7.5		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected. J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-09			S37-10			S37-10			S37-11			S37-11			S37-12			S37-12			WESSB001		
Sample ID	283S37SS004			283S37SS025			283S37SS026			283S37SS028			283S37SS029			283S37SS016			283S37SS017			281WHSSS073		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/17/95			04/17/95			04/18/95			04/18/95			04/14/95			04/14/95			08/08/95		
Sample Depth (in feet)	4.50 - 5.50			0.50 - 1.00			3.00 - 4.00			0.50 - 1.50			5.00 - 6.00			0.50 - 1.50			5.00 - 5.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
1,1,2,2-TETRACHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
1,1,2-TRICHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
1,1-DICHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
1,1-DICHLOROETHENE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
1,2-DICHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
1,2-DICHLOROETHENE (TOTAL)	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
1,2-DICHLOROPROPANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
2-BUTANONE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
2-HEXANONE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
4-METHYL-2-PENTANONE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
ACETONE	ND	12	U	ND	32	U	ND	21	U	ND	70	U	ND	22	U	ND	19	U	ND	33	U	NA		
BENZENE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
BROMODICHLOROMETHANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
BROMOFORM	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
BROMOMETHANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
CARBON DISULFIDE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
CARBON TETRACHLORIDE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
CHLOROBENZENE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
CHLOROETHANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
CHLOROFORM	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
CHLOROMETHANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
CIS-1,3-DICHLOROPROPENE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
DIBROMOCHLOROMETHANE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
ETHYLBENZENE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
METHYLENE CHLORIDE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
STYRENE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
TETRACHLOROETHENE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
TOLUENE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-09			S37-10			S37-10			S37-11			S37-11			S37-12			S37-12			WHSS3001		
Sample ID	283S37SS004			283S37SS025			283S37SS026			283S37SS028			283S37SS029			283S37SS016			283S37SS017			281WHSSS073		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/17/95			04/17/95			04/18/95			04/18/95			04/14/95			04/14/95			08/08/95		
Sample Deptt. (in feet)	4.50 - 5.50			0.50 - 1.00			3.00 - 4.00			0.50 - 1.50			5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
TRICHLOROETHENE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
VINYL CHLORIDE	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
XYLENE (TOTAL)	ND	12	U	ND	11	U	ND	12	U	ND	11	U	ND	12	U	ND	12	U	ND	12	U	NA		
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
1-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
1-METHYLPHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,600	U
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,600	U
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2,6-DIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2-CHLORONAPETHALENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2-METHYLNAPETHALENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			ND	1,600	U
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			ND	1,600	U
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,600	U
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			ND	660	U
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			ND	660	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected. J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-09			S37-10			S37-10			S37-11			S37-11			S37-12			S37-12			WHSSB001		
Sample ID	283S37SS004			283S37SS025			283S37SS026			283S37SS028			283S37SS029			283S37SS016			283S37SS017			281WHSSS073		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/17/95			04/17/95			04/18/95			04/18/95			04/14/95			04/14/95			08/08/95		
Sample Depth (in feet)	4.50 - 5.50			0.50 - 1.00			3.00 - 4.00			0.50 - 1.50			5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			ND	660	U
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			ND	1,600	U
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,600	U
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BENZO(E)PYRENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			ND	1,600	U
BENZOIC ACID	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BENZYL ALCOHOL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			ND	660	U
DIBENZOTHIOPHENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
FLUORENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			ND	660	UJ
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			ND	660	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-09			S37-10			S37-10			S37-11			S37-11			S37-12			S37-12			WHSSB001		
Sample ID	283S37SS004			283S37SS025			283S37SS026			283S37SS028			283S37SS029			283S37SS016			283S37SS017			281WHSSS073		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/17/95			04/17/95			04/18/95			04/18/95			04/14/95			04/14/95			08/08/95		
Sample Depth (in feet)	4.50 - 5.50			0.50 - 1.00			3.00 - 4.00			0.50 - 1.50			5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			ND	660	U
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
PENTACELOROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,600	U
PERYLENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
PHENOL	NA			NA			NA			NA			NA			NA			NA			ND	660	U
PYRENE	NA			NA			NA			NA			NA			NA			NA			ND	660	U
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
1,2-DICHLOROBENZENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
1,3-DICHLOROBENZENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
1,4-DICHLOROBENZENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2,4,5-TRICHLOROPHENOL	ND	1,000	U	ND	940	U	ND	990	U	ND	940	U	ND	1,000	U	ND	990	U	ND	1,000	UJ	NA		
2,4,6-TRICHLOROPHENOL	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2,4-DICHLOROPHENOL	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2,4-DIMETHYLPHENOL	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2,4-DINITROPHENOL	ND	1,000	U	ND	940	U	ND	990	U	ND	940	UJ	ND	1,000	U	ND	990	U	ND	1,000	UJ	NA		
2,4-DINITROTOLUENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2,6-DINITROTOLUENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2-CHLORONAPHTHALENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2-CHLOROPHENOL	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2-METHYLNAPHTHALENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2-METHYLPHENOL	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
2-NITROANILINE	ND	1,000	U	ND	940	U	ND	990	U	ND	940	U	ND	1,000	U	ND	990	U	ND	1,000	UJ	NA		
2-NITROPHENOL	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		
3,3'-DICHLOROBENZIDINE	ND	400	UJ	ND	370	U	ND	400	UJ	ND	370	U	ND	410	UJ	ND	400	UJ	ND	420	UJ	NA		
3-NITROANILINE	ND	1,000	U	ND	940	U	ND	990	U	ND	940	U	ND	1,000	U	ND	990	U	ND	1,000	UJ	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	1,000	U	ND	940	U	ND	990	UJ	ND	940	U	ND	1,000	U	ND	990	UJ	ND	1,000	UJ	NA		
4-BROMOPHENYL-PHENYLETHER	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-09			S37-10			S37-10			S37-11			S37-11			S37-12			S37-12			WHSSB001		
Sample ID	283S37SS004			283S37SS025			283S37SS025			283S37SS028			283S37SS029			283S37SS016			283S37SS017			281WHSSS073		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/17/95			04/17/95			04/18/95			04/18/95			04/14/95			04/14/95			08/08/95		
Sample Depth (in feet)	4.50 - 5.50			0.50 - 1.00			3.00 - 4.00			0.50 - 1.50			5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-CHLORO-3-METHYLPHENOL	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
4-CHLOROANILINE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
4-METHYLPHENOL	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
4-NITROANILINE	ND	1,000	U	ND	940	U	ND	990	U	ND	940	U	ND	1,000	U	ND	990	U	ND	1,000	UJ	NA		
4-NITROPHENOL	ND	1,000	U	ND	940	U	ND	990	U	ND	940	U	ND	1,000	U	ND	990	U	ND	1,000	UJ	NA		
ACENAPHTHENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
ACENAPHTHYLENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
ANTHRACENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		
BENZO(A)ANTHRACENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
BENZO(A)PYRENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
BENZO(B)FLUORANTHENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
BENZO(G,H,I)PERYLENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
BENZO(K)FLUORANTHENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
BIS(2-CHLOROETHYL)ETHER	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
BUTYLBENZYLPHTHALATE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		
CARBAZOLE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		
CHRYSENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
DI-N-BUTYLPHTHALATE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
DI-N-OCTYLPHTHALATE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
DIBENZ(A,H)ANTHRACENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
DIBENZOFURAN	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
DIETHYLPHTHALATE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
DIMETHYLPHTHALATE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
FLUORANTHENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		
FLUORENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
HEXACHLOROBENZENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		
HEXACHLOROBUTADIENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
HEXACHLOROCYCLOPENTADIENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		
HEXACHLOROETHANE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
INDENO(1,2,3-CD)PYRENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
ISOPHORONE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-09			S37-10			S37-10			S37-11			S37-11			S37-12			S37-12			WHSSB001		
Sample ID	283S37SS004			283S37SS025			283S37SS026			283S37SS028			283S37SS029			283S37SS016			283S37SS017			281WHSSS073		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/17/95			04/17/95			04/18/95			04/18/95			04/14/95			04/14/95			08/08/95		
Sample Depth (in feet)	4.50 - 5.50			0.50 - 1.00			3.00 - 4.00			0.50 - 1.50			5.00 - 6.00			0.50 - 1.50			5.00 - 5.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
N-NITROSODIPHENYLAMINE (1)	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		
NAPHTHALENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
NITROBENZENE	ND	400	U	ND	370	U	ND	400	U	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
PENTACHLOROPHENOL	ND	1,000	U	ND	940	U	ND	990	UJ	ND	940	U	ND	1,000	U	ND	990	UJ	ND	1,000	UJ	NA		
PHENANTHRENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		
PHENOL	ND	400	U	480	370	J	230	400	J	ND	370	U	ND	410	U	ND	400	U	ND	420	UJ	NA		
PYRENE	ND	400	U	ND	370	U	ND	400	UJ	ND	370	U	ND	410	U	ND	400	UJ	ND	420	UJ	NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
2,4'-DDE	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
2,4'-DDT	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			2	0.7	
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			2.9	0.7	
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
ALDRIN	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			ND	0.7	UJ
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	0.7	UJ
MIREX	NA			NA			NA			NA			NA			NA			NA			ND	0.7	UJ
PCB-101 (2,2',3,5,5')	NA			NA			NA			NA			NA			NA			NA			0.5	0.7	J
PCB-105 (2,3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-118 (2,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			1	0.7	
PCB-126 (3,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-128 (2,2',3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-138 (2,2',3,4,4',5')	NA			NA			NA			NA			NA			NA			NA			1	0.7	
PCB-153 (2,2',4,4',5,5')	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-170 (2,2',3,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-18 (2,2',5)	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-180 (2,2',3,4,4',5,5')	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-187 (2,2',3,4',5,5',6)	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-09			S37-10			S37-10			S37-11			S37-11			S37-12			S37-12			WHSSB001		
Sample ID	283S37SS004			283S37SS025			283S37SS026			283S37SS028			283S37SS029			283S37SS016			283S37SS017			281WHSSS073		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/17/95			04/17/95			04/18/95			04/18/95			04/14/95			04/14/95			08/08/95		
Sample Depth (in feet)	4.50 - 5.50			0.50 - 1.00			3.00 - 4.00			0.50 - 1.50			5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-206 (2,2,',3,3',4,4',5,5',	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-28 (2,4,4')	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-44 (2,2',3,5')	NA			NA			NA			NA			NA			NA			NA			ND	0.7	UJ
PCB-52 (2,2',5,5')	NA			NA			NA			NA			NA			NA			NA			1	0.7	
PCB-66 (2,3',4,4')	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-77 (3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
PCB-8 (2,4')	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
TRANS-NONACHLOR	NA			NA			NA			NA			NA			NA			NA			ND	0.7	U
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	ND	4	U	ND	37	U	ND	40	U	2.9	4	J	ND	4	U	ND	4	U	4.6	4	J	NA		
4,4'-DDE	ND	4	U	ND	37	U	ND	40	U	ND	4	U	ND	4	U	ND	4	U	ND	4	J	NA		
4,4'-DDT	ND	4	U	ND	37	U	ND	40	U	ND	4	U	ND	4	U	ND	4	U	2.6	4	J	NA		
ALDRIN	ND	2	U	ND	19	U	ND	20	U	ND	2	U	ND	2	U	ND	2	U	ND	2	J	NA		
ALPHA-BHC	ND	2	U	ND	19	U	ND	20	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	NA		
ALPHA-CHLORDANE	ND	2	U	ND	19	U	ND	20	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	NA		
AROCLOR-1016	ND	40	U	ND	370	U	ND	400	U	ND	37	U	ND	41	U	ND	40	U	ND	42	U	NA		
AROCLOR-1221	ND	80	U	ND	750	U	ND	790	U	ND	75	U	ND	81	U	ND	80	U	ND	83	U	NA		
AROCLOR-1232	ND	40	U	ND	370	U	ND	400	U	ND	37	U	ND	41	U	ND	40	U	ND	42	U	NA		
AROCLOR-1242	ND	40	U	ND	370	U	ND	400	U	ND	37	U	ND	41	U	ND	40	U	ND	42	U	NA		
AROCLOR-1248	ND	40	U	ND	370	U	ND	400	U	ND	37	U	ND	41	U	ND	40	U	ND	42	U	NA		
AROCLOR-1254	ND	40	U	ND	370	U	ND	400	U	ND	37	U	ND	41	U	ND	40	U	ND	42	U	NA		
AROCLOR-1260	ND	40	U	ND	370	U	ND	400	U	ND	37	U	ND	41	U	ND	40	U	ND	42	U	NA		
BETA-BHC	ND	2	U	ND	19	U	ND	20	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	NA		
DELTA-BHC	ND	2	U	ND	19	U	ND	20	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	NA		
DIELDRIN	ND	4	U	ND	37	U	ND	40	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	NA		
ENDOSULFAN I	ND	2	U	ND	19	U	ND	20	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	NA		
ENDOSULFAN II	ND	4	U	ND	37	U	ND	40	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	NA		
ENDOSULFAN SULFATE	ND	4	U	ND	37	U	ND	40	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	NA		
ENDRIN	ND	4	U	ND	37	U	ND	40	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	NA		
ENDRIN ALDEHYDE	ND	4	U	ND	37	U	ND	40	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	NA		
ENDRIN KETONE	ND	4	U	ND	37	U	ND	40	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	NA		
GAMMA-BHC (LINDANE)	ND	2	U	ND	19	U	ND	20	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	NA		

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Wood Hogger Site (Site 11)

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Sample ID	283S37SS004			283S37SS025			283S37SS026			283S37SS028			283S37SS029			283S37SS016			283S37SS017			281WHSSS073		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/17/95			04/17/95			04/18/95			04/18/95			04/14/95			04/14/95			08/08/95		
Sample Depth (in feet)	4.50 - 5.50			0.50 - 1.00			3.00 - 4.00			0.50 - 1.50			5.00 - 6.00			0.50 - 1.50			5.00 - 5.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in ug/Kg)																								
GAMMA-CHLORDANE	ND	2	U	ND	19	U	ND	20	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	NA		
HEPTACHLOR	ND	2	U	ND	19	U	ND	20	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	NA		
HEPTACHLOR EPOXIDE	ND	2	U	ND	19	U	ND	20	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U	NA		
METHOXYCHLOR	ND	20	U	ND	190	U	ND	200	U	ND	19	U	ND	20	U	ND	20	U	ND	21	U	NA		
TOXAPHENE	ND	200	U	ND	1,900	U	ND	2,000	U	ND	190	U	ND	200	U	ND	200	U	ND	210	U	NA		
Explosives (in ug/Kg)																								
1,3,5-TRINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
1,3-DINITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
2,4,6-TRINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
2,4-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
2,6-DINITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
2-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
3-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
4-NITROTOLUENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
HMX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
NITROBENZENE	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
RDX	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
TETRYL	NA			NA			NA			ND	120	U	ND	120	U	ND	120	U	ND	120	U	NA		
Petroleum Indicators(in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	11,700	1.5		25,600	1.4		10,800	1.5		14,000	1.4		13,100	1.5		6,770	1.5		13,400	1.6		42,700 Γ	9.1	
ANTIMONY	ND	0.46	UJ	0.68	0.43	J	0.48	0.45	J	2.3	0.43	J	ND	0.46	UJ	ND	0.46	UJ	ND	0.47	UJ	ND	2.0	UJ
ARSENIC	4.6 *	0.34		3.5 *	0.32		2.7 *	0.33	J	6.2 *	0.32		7.2 *	0.34		ND	2.4	U	3.5 *	0.35		18.6 *θ	1.9	
BARIUM	115	0.10		11.7	0.090		438 Γ	0.10		127	0.090		106	0.10		109	0.10		165	0.10		100	3.1	
BERYLLIUM	ND	0.15	U	ND	0.020	U	ND	0.020	U	ND	0.020	U	ND	0.050	U	ND	0.17	U	ND	0.079	U	0.84 *Γ	0.18	
CADMIUM	ND	0.020	U	1.2 Γ	0.020		ND	0.020	U	ND	0.050	U	ND	0.020	U	ND	0.040	U	ND	0.11	U	ND	0.27	U
CALCIUM	1,090	2.9		10,200	2.7		4,940	2.8		6,670	2.7		10,800	2.9		2,900	2.9		4,080	3.0		5,330	79.4	
CHROMIUM	21.9	0.24		23.3	0.23		29.0	0.24		62.9	0.23		25.2	0.24	J	12.1	0.24		25.9	0.25		122 θΓ	0.46	
COBALT	14.5	0.10		29.2 Γ	0.090		14.4	0.10		18.1	0.090		9.2	0.10		8.7	0.10		15.3	0.10		28.6 Γ	0.91	
COPPER	25.3	0.12	J	86.0 θΓ	0.11		33.3	0.12		60.8 θΓ	0.11		22.3	0.12		17.9	0.12		37.3 θ	0.12		96.0 θΓσ	0.64	
IRON	21,000	2.4		36,000	2.3		22,900	2.4		45,200	2.3		20,000	2.5		12,000	2.4		20,800	2.5		73,300	16.9	

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Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/17/95			04/17/95			04/18/95			04/18/95			04/14/95			04/14/95			08/08/95		
Sample Depth (in feet)	4.50 - 5.50			0.50 - 1.00			3.00 - 4.00			0.50 - 1.50			5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	8.4	0.31		5.6	0.29		5.8	0.31	J	25.0	0.29	J	8.1	0.32	J	4.5	0.31		12.2	0.32		47.8 θ	1.4	
MAGNESIUM	7,650	1.2		13,000	1.2		8,900	1.2		5,950	1.1		7,380	1.2		5,780	1.2		7,410	1.3		17,700	84.4	
MANGANESE	608	0.050		462	0.050		759	0.050		293	0.050		247	0.050		292	0.050		569	0.050		527	0.37	
MERCURY	ND	0.060	U	0.51 θΓσ	0.020		ND	0.12	U	0.22 θ	0.020		0.060	0.020		ND	0.060	U	ND	0.13	U	0.49 θΓσ	0.045	J
MOLYBDENUM	ND	0.19	U	ND	0.18	U	ND	0.19	UJ	ND	0.18	U	ND	0.20	U	ND	0.19	U	ND	0.20	U	3.6	1.3	
NICKEL	51.0 θ	0.31		18.6	0.29		46.5 θ	0.31		45.0 θ	0.29		38.7 θ	0.32		26.0 θ	0.31		50.0 θ	0.32		123 #θΓ	0.91	
POTASSIUM	2,110	10.6	J	706	9.9	J	659	10.5	J	1,180	9.9	J	1,980	10.7	J	1,100	10.5	J	1,660	11.0	J	6,520	95.0	
SELENIUM	ND	0.85	U	ND	0.79	U	ND	0.84	UJ	ND	0.79	U	ND	0.85	U	ND	0.84	U	ND	0.87	U	3.5 #θΓσ	3.4	
SILVER	ND	0.12	U	1.3 θΓσ	0.11		ND	0.12	U	ND	0.11	U	ND	0.12	U	ND	0.12	U	ND	0.12	U	ND	0.73	U
SODIUM	346	31.1		1,460	29.0		673	30.7		351	29.0		667	31.4		821	30.8		1,050	32.1		5,480	183	
THALLIUM	ND	0.36	U	ND	0.34	U	ND	0.37	U	ND	1.0	U	ND	0.48	U	ND	0.36	U	ND	0.93	U	ND	1.2	U
VANADIUM	19.1	0.17		84.4 θ	0.16		50.3	0.17		71.7	0.16		53.5	0.17		28.9	0.17		53.4	0.17		139 θ	1.0	
ZINC	68.1	0.070		46.0	0.070		56.6	0.070	J	88.7	0.070		50.2	0.070		39.8	0.070		58.5	0.070		288 θΓσ	0.37	
Hexavalent Chromium (in mg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			2,150	1.C	J
TOTAL ORGANIC CARBON	ND	100	U	ND	100	U	1,350	100		ND	100	U	3,180	100		ND	100	U	ND	100	J	47,800	100	
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	S37-09			S37-10			S37-10			S37-11			S37-11			S37-12			S37-12			WHSSB001		
Sample ID	283S37SS004			283S37SS025			283S37SS026			283S37SS028			283S37SS029			283S37SS016			283S37SS017			281WHSSS073		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	04/11/95			04/17/95			04/17/95			04/18/95			04/18/95			04/14/95			04/14/95			08/08/95		
Sample Depth (in feet)	4.50 - 5.50			0.50 - 1.00			3.00 - 4.00			0.50 - 1.50			5.00 - 6.00			0.50 - 1.50			5.00 - 6.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in ng/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	0.80			8.0			14.9			11.4			21.5			16.1			18.6			80.0		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	8.1			7.7			8			8.2			7.9			7.6			7.4			7.5		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

I = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB002			WHSSB003			WHSSB004			WHSSB005			WHSSB006			WHSSB007			WHSSB008			WHSSB009		
Sample ID	281WHSSS086			281WHSSS074			281WHSSS087			281WHSSS081			281WHSSS082			281WHSSS083			281WHSSS008			281WHSSS001		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			08/08/95			08/09/95			08/09/95			08/09/95			08/09/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
ACETONE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
STYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB002			WHSSB003			WHSSB004			WHSSB005			WHSSB006			WHSSB007			WHSSB008			WHSSB009		
Sample ID	281WHSSS086			281WHSSS074			281WHSSS087			281WHSSS081			281WHSSS082			281WHSSS083			281WHSSS008			281WHSSS001		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			08/08/95			08/09/95			08/09/95			08/09/95			08/09/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	530	U	ND	250	U	ND	150	U	ND	41	J	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
1,2,4-TRICHLOROBENZENE	ND	530	U	ND	250	U	ND	150	U	ND	41	J	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
1,2-DICHLOROBENZENE	ND	530	U	ND	250	U	ND	150	U	ND	41	J	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
1,3-DICHLOROBENZENE	ND	530	U	ND	250	U	ND	150	U	ND	41	J	ND	86	U	ND	43	J	ND	1,100	U	ND	250	U
1,4-DICHLOROBENZENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	J	ND	1,100	U	ND	250	J
2-METHYLNAPHTHALENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	J
2-METHYLPHENANTHRENE	ND	530	J	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	J
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	530	J	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
2,3,5-TRIMETHYLNAPHTHALENE	ND	530	J	ND	250	U	ND	150	U	ND	41	U	ND	86	J	ND	43	U	ND	1,100	U	ND	250	U
2,4,5-TRICHLOROPHENOL	ND	1,300	J	ND	630	U	ND	380	U	ND	100	U	ND	210	J	ND	110	U	ND	2,700	U	ND	600	U
2,4,6-TRICHLOROPHENOL	ND	530	J	ND	250	U	ND	150	U	ND	41	U	ND	86	J	ND	43	U	ND	1,100	U	ND	250	U
2,4-DICHLOROPHENOL	ND	530	J	ND	250	U	ND	150	U	ND	41	U	ND	86	J	ND	43	U	ND	1,100	U	ND	250	U
2,4-DIMETHYLPHENOL	ND	530	J	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
2,4-DINITROPHENOL	ND	1,300	U	ND	630	U	ND	380	U	ND	100	U	ND	210	U	ND	110	U	ND	2,700	U	ND	600	U
2,4-DINITROTOLUENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
2,6-DIMETHYLNAPHTHALENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	J	ND	250	U
2,6-DINITROTOLUENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
2-CHLORONAPHTHALENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
2-CHLOROPHENOL	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
2-METHYLNAPHTHALENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
2-METHYLPHENOL	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
2-NITROANILINE	ND	1,300	U	ND	630	U	ND	380	U	ND	100	U	ND	210	U	ND	110	U	ND	2,700	U	ND	600	U
2-NITROPHENOL	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
3,3'-DICHLOROBENZIDINE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	J	ND	1,100	U	ND	250	J
3-NITROANILINE	ND	1,300	U	ND	630	U	ND	380	U	ND	100	U	ND	210	U	ND	110	U	ND	2,700	U	ND	600	U
4,6-DINITRO-2-METHYLPHENOL	ND	1,300	U	ND	630	U	ND	380	U	ND	100	U	ND	210	U	ND	110	U	ND	2,700	U	ND	600	U
4-BROMOPHENYL-PHENYLETHER	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
4-CHLORO-3-METHYLPHENOL	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
4-CHLOROANILINE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB002			WHSSB003			WHSSB004			WHSSB005			WHSSB006			WHSSB007			WHSSB008			WHSSB009		
Sample ID	281WHSSS086			281WHSSS074			281WHSSS087			281WHSSS081			281WHSSS082			281WHSSS083			281WHSSS008			281WHSSS001		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			08/08/95			08/09/95			08/09/95			08/09/95			08/09/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
4-METHYLPHENOL	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
4-NITROANILINE	ND	1,300	U	ND	630	U	ND	380	U	ND	100	U	ND	210	U	ND	110	U	ND	2,700	U	ND	600	U
4-NITROPHENOL	ND	1,300	U	ND	630	U	ND	380	U	ND	100	U	ND	210	U	ND	110	U	ND	2,700	U	ND	600	U
ACENAPHTHENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	57 θ	250	J
ACENAPHTHYLENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
ANTHRACENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	330 θ	1,100	J	140 θ	250	J
BENZO(A)ANTHRACENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	110	86		ND	43	U	ND	1,300	U	ND	540	U
BENZO(A)PYRENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	68 *	86	J	ND	43	U	ND	1,900	U	ND	490	U
BENZO(B)FLUORANTHENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	170	86		ND	43	U	ND	2,900	U	ND	690	U
BENZO(E)PYRENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	110	86		ND	43	U	1,800	1,100		420	250	
BENZO(G,H,I)PERYLENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	46	86	J	ND	43	U	ND	1,100	U	ND	440	U
BENZO(K)FLUORANTHENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	130	86		ND	43	U	ND	2,200	U	ND	570	U
BENZOIC ACID	ND	1,300	U	1,000	630		ND	380	U	ND	100	U	ND	210	U	ND	110	U	ND	2,700	U	78	600	J
BENZYL ALCOHOL	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
BIS(2-CHLOROETHOXY)METHANE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
BIS(2-CHLOROETHYL)ETHER	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
BUTYLBENZYLPHTHALATE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	49	86	J	ND	43	U	200	1,100	J	120	250	J
CARBAZOLE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	360	86		ND	43	U	2,300 #θ	1,100		ND	760	U
CHRYSENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
DI-N-BUTYLPHTHALATE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
DI-N-OCTYLPHTHALATE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
DIBENZ(A,H)ANTHRACENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
DIBENZOFURAN	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	25	250	J
DIBENZOTHIOPHENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
DIETHYLPHTHALATE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
DIMETHYLPHTHALATE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	250	86		ND	43	U	2,200 θ	1,100		1,300 θ	250	
FLUORANTHENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	40 θ	250	J
FLUORENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
HEXACHLOROBENZENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
HEXACHLOROBUTADIENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
HEXACHLOROCYCLOPENTADIENE	ND	530	UJ	ND	250	UJ	ND	150	U	ND	41	UJ	ND	86	UJ	ND	43	UJ	ND	1,100	UJ	ND	250	UJ
HEXACHLOROETHANE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value. NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB002			WHSSB003			WHSSB004			WHSSB005			WHSSB006			WHSSB007			WHSSB008			WHSSB009		
Sample ID	281WHSSSC86			281WHSSSC74			281WHSSSD87			281WHSSSC81			281WHSSS082			281WHSSSC83			281WHSSS008			281WHSSS001		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			08/08/95			08/09/95			08/09/95			08/09/95			08/09/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
INDENO(1,2,3-CD)PYRENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	44	86	J	ND	43	U	ND	1,100	U	ND	410	J
ISOPHORONE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	J	ND	43	U	ND	1,100	U	ND	250	J
N-NITROSO-DI-N-PROPYLAMINE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	J	ND	43	U	ND	1,100	U	ND	250	J
N-NITROSODIPHENYLAMINE (1)	ND	530	U	ND	250	U	ND	150	U	ND	41	U	ND	86	J	ND	43	U	ND	1,100	U	ND	250	U
NAPHTHALENE	ND	530	U	ND	250	U	ND	150	U	ND	41	J	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
NITROBENZENE	ND	530	U	ND	250	U	ND	150	U	ND	41	J	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
PENTACHLOROPHENOL	ND	1,300	U	ND	630	U	ND	380	U	ND	100	J	ND	210	U	ND	110	U	ND	2,700	U	120	600	J
PERYLENE	ND	530	U	ND	250	U	ND	150	U	ND	41	J	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
PHENANTHRENE	ND	530	U	ND	250	U	ND	150	U	ND	41	J	56	86	J	ND	43	U	240	1,100	J	550 θ	250	
PHENOL	ND	530	U	ND	250	U	ND	150	U	ND	41	J	ND	86	U	ND	43	U	ND	1,100	U	ND	250	U
PYRENE	ND	530	U	ND	250	U	ND	150	U	ND	41	U	240	86		ND	43	U	1,600 θ	1,100		950 θ	250	
Semivolatiles (in ug/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB002			WHSSB003			WHSSB004			WHSSB005			WESSB006			WHSSB007			WESSB008			WHSSB009		
Sample ID	281WHSSS086			281WHSSS074			281WHSSS087			281WHSSS081			281WHSSS082			281WHSSS083			281WHSSS008			281WHSSS001		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			08/08/95			08/09/95			08/09/95			08/09/95			0.00 - 0.50			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/Kg)																								
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETEYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit. Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Wood Hogger Site (Site 11)

Point ID	WHSSB002			WHSSB003			WHSSB004			WHSSB005			WHSSB006			WHSSB007			WHSSB008			WHSSB009		
Sample ID	281WHSSS086			281WHSSS074			281WHSSS087			281WHSSS081			281WHSSS082			281WHSSS083			281WHSSS008			281WHSSS001		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			08/08/95			08/09/95			08/09/95			08/09/95			08/09/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	ND	0.3	UJ	ND	0.5	U	0.4	0.2	J	ND	0.1	UJ	0.4	0.1	U	0.6	0.3	J	1	0.1	J	ND	7	U
2,4'-DDE	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.3	U	ND	0.1	U	ND	7	U
2,4'-DDT	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.5	0.1		ND	0.3	U	0.3	0.1	J	ND	7	U
4,4'-DDD	ND	0.3	UJ	2	0.5		0.8	0.2	J	ND	0.1	UJ	0.4	0.1		2	0.3		0.8	0.1	J	280 #θ	7	
4,4'-DDE	0.8	0.3	J	2	0.5		0.8	0.2	J	ND	0.1	UJ	0.9	0.1		3.8	0.3		0.4	0.1	J	39 #θ	7	
4,4'-DDT	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	2.8	0.1		9.4#	0.3		0.9	0.1		14 #θ	7	J
ALDRIN	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	J	ND	0.3	U	ND	0.1	U	ND	7	U
ALPHA-CHLORDANE	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	1.9	0.1		5.9	0.3		0.4	0.1	J	50 #θ	7	
DIELDRIN	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.6 θ	0.1		0.5 θ	0.3		ND	0.1	U	ND	7	U
GAMMA-BHC (LINDANE)	1	0.3	J	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.3	U	ND	0.1	U	ND	7	U
HEPTACHLOR	0.7	0.3	J	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	0.7	0.3		ND	0.1	U	ND	7	U
HEPTACHLOR EPOXIDE	ND	0.3	UJ	ND	0.5	UJ	ND	0.2	UJ	ND	0.1	UJ	0.2	0.1	J	ND	0.3	U	ND	0.1	U	ND	7	U
HEXACHLOROBENZENE	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.3	U	ND	0.1	U	ND	7	U
MIREX	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.1	0.1		ND	0.3	U	0.2	0.1	J	ND	7	U
PCB-101 (2,2',3,5,5')	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.3	0.1		1	0.3		0.2	0.1	J	ND	7	U
PCB-105 (2,3,3',4,4')	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.5	0.1		0.6	0.3		0.2	0.1	J	ND	7	U
PCB-118 (2,3',4,4',5)	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.7	0.1		1	0.3		ND	0.1	UJ	ND	7	U
PCB-126 (3,3',4,4',5)	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.2	0.1		ND	0.3	U	ND	0.1	UJ	ND	7	U
PCB-128 (2,2',3,3',4,4')	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.3	U	ND	0.1	UJ	ND	7	U
PCB-138 (2,2',3,4,4',5')	0.6	0.3	J	ND	0.6	U	ND	0.2	UJ	ND	0.1	UJ	0.6	0.1		1	0.3		ND	0.1	UJ	7	7	J
PCB-153 (2,2',4,4',5,5')	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.3	0.1		0.9	0.3		ND	0.1	UJ	ND	7	U
PCB-170 (2,2',3,3',4,4',5)	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	J	ND	0.3	U	ND	0.1	UJ	ND	7	U
PCB-18 (2,2',5)	0.3	0.3	J	0.3	0.5	J	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.3	U	ND	0.1	UJ	ND	7	U
PCB-180 (2,2',3,4,4',5,5')	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.3	0.1		0.4	0.3		ND	0.1	UJ	ND	7	U
PCB-187 (2,2',3,4',5,5',6)	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.2	0.1		ND	0.3	U	ND	0.1	UJ	ND	7	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB002			WHSSB003			WHSSB004			WHSSB005			WHSSB006			WHSSB007			WHSSB008			WHSSB009		
Sample ID	281WHSSS086			281WHSSS074			281WHSSS087			281WHSSS081			281WHSSS082			281WHSSS083			281WHSSS008			281WHSSC001		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			08/08/95			08/09/95			08/09/95			08/09/95			08/09/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/Kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.3	U	ND	0.2	UJ	ND	7	U
PCB-206 (2,2,',3,3',4,4',5,5',	ND	0.2	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.2	0.1		ND	0.3	U	ND	0.3	UJ	ND	7	U
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.2	0.1		ND	0.3	U	ND	0.1	UJ	ND	7	U
PCB-28 (2,4,4')	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.3	U	ND	0.1	UJ	ND	7	U
PCB-44 (2,2',3,5')	ND	0.3	UJ	ND	0.5	UJ	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	UJ	0.3	0.3	J	ND	0.1	UJ	ND	7	U
PCB-52 (2,2',5,5')	ND	0.3	UJ	0.6	0.5		ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	0.8	0.3		ND	0.1	UJ	ND	7	U
PCB-66 (2,3',4,4')	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	0.2	0.1		1	0.3		ND	0.2	UJ	ND	7	U
PCB-77 (3,3',4,4')	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.2	U	ND	0.1	UJ	ND	7	U
PCB-8 (2,4')	0.4	0.3	J	1	0.5	J	ND	0.2	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.3	UJ	ND	0.1	UJ	ND	7	U
TRANS-NONACHLOR	ND	0.3	UJ	ND	0.5	U	ND	0.2	UJ	0.3	0.1	J	2	0.1		0.5	0.3		0.4	0.1	J	34	7	
Pesticides/PCBs (in ug/Kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			NA		
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB002			WHSSB003			WHSSB004			WHSSB005			WHSSB006			WHSSB007			WHSSB008			WHSSB009		
Sample ID	281WHSSS086			281WHSSS074			281WHSSS087			281WHSSS081			281WHSSS082			281WHSSS083			281WHSSS008			281WHSSS001		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			08/08/95			08/09/95			08/09/95			08/09/95			08/09/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA			NA		
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Petroleum Indicators(in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	10,400 Γ	7.4		30,800 Γ	5.9		25,600	3.1		15,500	3.0		12,700	3.1		18,400	3.2		6,940	4.1		11,300	4.2	
ANTIMONY	2.9 θΓ	1.5		2.2 θΓ	1.3	J	2.4 θΓ	0.60	J	0.95	0.59	J	0.97	0.61	J	1.2	0.62	J	ND	0.53	UJ	2.9 θΓ	0.55	J
ARSENIC	24.6 *θΓ	1.3		19.7 *θ	1.2		21.2 *θ	0.52		6.0 *	0.52		5.5 *	0.54		5.7 *	0.54		4.0 *	0.71		11.6 *θ	0.73	
BARIUM	260	1.9		139	2.0		107	0.80		160	0.79		134	0.82		282	0.83		81.3	0.080		75.1	0.080	
BERYLLIUM	0.81 *Γ	0.042		0.78 *Γ	0.12		0.78 *Γ	0.018		0.49 *Γ	0.017		0.41 *Γ	0.018		0.36 *Γ	0.018		0.15 *Γ	0.030		ND	0.030	U
CADMIUM	4.2 θΓ	0.12		0.66 Γ	0.18		0.89 Γ	0.050		0.25	0.049		0.53 Γ	0.051		0.43 Γ	0.052		0.080	0.050		4.7 θΓ	0.050	
CALCIUM	7,320	45.1		11,000	51.5		5,550	18.7		11,500	18.4		8,700	19.1		17,300	19.4		2,240	3.7		5,810	3.7	
CHROMIUM	65.8	0.79		81.1 θΓ	0.30		50.3	0.33		26.0	0.32		25.3	0.33		43.7	0.34		17.9	0.46		36.1	0.47	
COBALT	23.8	0.48		33.9 Γ	0.59		11.4	0.20		11.7	0.20		8.8	0.20		13.7	0.21		8.5	0.13		15.2	0.13	
COPPER	104 θΓσ	0.67		77.3 θΓ	0.41		78.7 θΓ	0.28		19.7	0.27		22.4	0.23		34.0	0.29		14.0	0.20		102 θΓσ	0.21	
IRON	54,800	14.7		59,800	10.9		28,800	5.1		21,000	6.0		19,200	6.2		29,100	6.3		9,030	4.0		24,100	4.1	

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Sample ID	281WHSSS086			281WHSSS074			281_WHSSS087			281WHSSS081			281WHSSS082			281WHSSS083			281WHSSS008			281WHSSS001		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			08/08/95			08/09/95			08/09/95			08/09/95			08/09/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	99.5 #Gr	1.0		59.1 #Gr	0.89		92.2 #Gr	0.43		5.8	0.42		26.8	0.44		17.7	0.44		7.5	0.38		157 *#Gr	0.39	
MAGNESIUM	12,400	42.6		12,700	54.7		8,010	17.2		5,400	16.9		5,090	17.8		8,630	17.8		4,050	4.2		8,580	4.3	
MANGANESE	597	0.18		693	0.24		384	0.075		541	0.074		408	0.077		417	0.078		436	0.15	J	452	0.16	J
MERCURY	0.42 #Gr	0.082		0.30 #Gr	0.039	J	0.23 #	0.043		0.039	0.027		0.080	0.052		0.070	0.014		0.060	0.030		0.28 #Gr	0.030	
MOLYBDENUM	2.9	1.0		1.8	0.83		2.4	0.43		ND	0.42	U	0.48	0.44		0.84	0.44		ND	0.23	U	0.34	0.23	
NICKEL	102 #@	0.97		107 #@	0.59		50.0 @	0.40		30.3 @	0.39		28.7 @	0.41		53.2 #@	0.42		29.5 @	0.84		27.5 @	0.85	
POTASSIUM	4,950	23.5		5,010	62.3		3,040	9.7		2,830	9.6		2,750	10.0		2,870	10.1		1,110	7.1	J	1,620	7.2	G
SELENIUM	ND	1.8	U	ND	2.2	U	ND	0.75	U	ND	0.74	U	ND	0.77	U	ND	0.78	U	ND	0.86	U	ND	0.88	U
SILVER	ND	0.91	U	ND	0.47	U	ND	0.38	U	ND	0.37	U	ND	0.38	U	ND	0.39	U	ND	0.15	U	1.6 #Gr	0.16	
SODIUM	7,680	157		8,230	118		4,060	65.1		4,180	64.0		4,020	65.6		6,650	67.5		2,390	32.5		1,870	33.2	
THALLIUM	ND	0.27	U	ND	0.83	U	ND	0.20	U	ND	0.090	UJ	ND	0.13	U	ND	0.13	U	ND	0.51	J	ND	0.52	U
VANADIUM	129 E	0.67		109 E	0.65		78.1	0.28		50.6	0.27		42.2	0.28		73.5	0.29		27.0	0.15		50.2	0.16	
ZINC	605 #@Gr	0.48		394 #Gr	0.24		265 @	0.20		48.3	0.20		109	0.20		224	0.21		33.1	0.080		746 #@Gr	0.080	
Hexavalent Chromium (in ug/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			ND	2.0	U	NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/Kg)																								
SULFIDE	4,770	1.0		145	1.0	J	3,010	1.0		ND	12.4	U	ND	12.9	U	ND	12.7	U	ND	13.0	UJ	ND	15.0	UJ
TOTAL ORGANIC CARBON	31,400	100		46,900	100		44,000	100		$78	100		44,300	100		10,900	100		1,750	100		45,000	100	
Dioxin (in pg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB002			WHSSB003			WHSSB004			WHSSB005			WHSSB006			WHSSB007			WHSSB008			WHSSB009		
Sample ID	281WHSSS086			281WHSSS074			281WHSSS087			281WHSSS081			281WHSSS082			281WHSSS083			281WHSSS003			281WHSSS001		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			08/08/95			08/09/95			08/09/95			08/09/95			08/09/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in µg/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	69.0			74.0			56.0			20.0			23.0			23.0			25.0			33.0		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	8.05			7.99			7.65			8.92			8.46			7.9			8.3			7.1		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB010			WHSSB011			WHSSB012			WHSSB013			WHSSB014			WHSSB015			WHSSB016			WHSSB017		
Sample ID	281WHSSS002			281WHSSSC84			281WHSSS009			281WHSSS003			281WHSSS004			281WHSSS0C5			281WESSS006			281WHSSS010		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/17/95			08/09/95			07/17/95			07/17/95			07/17/95			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50											
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Aromatic Volatiles (in ug/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in ug/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
ACETONE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
STYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB010			WHSSB011			WHSSB012			WHSSB013			WHSSB014			WHSSB015			WHSSB016			WHSSB017		
Sample ID	281WHSSS002			281WHSSS084			281WHSSS009			281WHSSS003			281WHSSS004			281WHSSS005			281WHSSS006			281WHSSS010		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/17/95			08/09/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	160	U	ND	92	U	ND	410	U	ND	340	J	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	J
1,2,4-TRICHLOROBENZENE	ND	160	U	ND	92	U	ND	410	U	ND	340	J	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
1,2-DICHLOROBENZENE	ND	160	U	ND	92	U	ND	410	U	ND	340	J	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
1,3-DICHLOROBENZENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
1,4-DICHLOROBENZENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
1-METHYLNAPHTHALENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
1-METHYLPHENANTHRENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
2,3,5-TRIMETHYLNAPHTHALENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	J	ND	840	U
2,4,5-TRICHLOROPHENOL	ND	390	U	ND	230	U	ND	1,000	U	ND	820	U	ND	6,900	U	ND	1,400	U	ND	30,000	U	ND	2,000	U
2,4,6-TRICHLOROPHENOL	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
2,4-DICHLOROPHENOL	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
2,4-DIMETHYLPHENOL	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
2,4-DINITROPHENOL	ND	390	U	ND	230	U	ND	1,000	U	NA			ND	6,900	U	ND	1,400	U	ND	30,000	U	ND	2,000	U
2,4-DINITROTOLUENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
2,6-DIMETHYLNAPHTHALENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
2,6-DINITROTOLUENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
2-CHLORONAPHTHALENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
2-CHLOROPHENOL	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
2-METHYLNAPHTHALENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
2-METHYLPHENOL	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
2-NITROANILINE	ND	390	U	ND	230	U	ND	1,000	U	ND	820	U	ND	6,900	U	ND	1,400	U	ND	30,000	U	ND	2,000	U
2-NITROPHENOL	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
3,3'-DICHLOROBENZIDINE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
3-NITROANILINE	ND	390	U	ND	230	U	ND	1,000	U	ND	820	U	ND	6,900	U	ND	1,400	U	ND	30,000	U	ND	2,000	U
4,6-DINITRO-2-METHYLPHENOL	ND	390	U	ND	230	U	ND	1,000	U	ND	820	U	ND	6,900	U	ND	1,400	U	ND	30,000	U	ND	2,000	U
4-BROMOPHENYL-PHENYLETHER	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
4-CHLORO-3-METEYLPHENOL	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
4-CHLOROANILINE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB010			WHSSB011			WHSSB012			WHSSB013			WHSSB014			WHSSB015			WHSSB016			WHSSB017		
Sample ID	281WHSSS002			281WHSSS084			281WHSSS009			281WHSSS003			281WHSSS004			281WHSSS005			281WHSSS006			281WHSSS010		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/17/95			08/09/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
4-METHYLPHENOL	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	950	U
4-NITROANILINE	ND	350	U	ND	230	U	ND	1,000	U	ND	820	U	ND	6,900	U	ND	1,400	U	ND	30,000	U	ND	2,000	U
4-NITROPHENOL	ND	590	U	ND	230	U	ND	1,000	U	ND	820	U	ND	6,900	U	ND	1,400	U	ND	30,000	U	ND	2,000	U
ACENAPHTHENE	27 θ	160	J	ND	92	U	ND	410	U	210 θ	340	J	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
ACENAPHTHYLENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
ANTHRACENE	78	150	J	ND	92	U	ND	410	U	350 θ	340	J	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
BENZO(A)ANTHRACENE	ND	230	U	ND	92	U	ND	410	U	ND	750	U	ND	2,800	U	ND	590	U	ND	2,600	U	ND	840	U
BENZO(A)PYRENE	ND	200	U	ND	92	U	ND	410	U	ND	740	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
BENZO(B)FLUORANTHENE	ND	210	U	ND	92	U	ND	410	U	ND	690	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
BENZO(E)PYRENE	120	160	J	ND	92	U	51	410	J	510	340		430	2,800	J	150	590	J	2,400	12,000	J	150	840	J
BENZO(G,H,I)PERYLENE	ND	160	U	ND	92	U	ND	410	U	ND	530	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
BENZO(K)FLUORANTHENE	ND	210	U	ND	92	U	ND	410	U	ND	740	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
BENZOIC ACID	ND	390	UJ	ND	230	UJ	ND	1,000	UJ	ND	820	UJ	ND	6,900	UJ	ND	1,400	UJ	ND	30,000	UJ	ND	2,000	UJ
BENZYL ALCOHOL	ND	150	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
BIS(2-CHLOROETHOXY)METHANE	ND	150	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
BIS(2-CHLOROETHYL)ETHER	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	160	U	ND	92	U	28	410	J	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
BUTYLBENZYLPHTHALATE	ND	160	U	ND	92	U	ND	410	U	190	340	J	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
CARBAZOLE	50	160	J	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	7,500	J	ND	840	U
CHRYSENE	ND	300	U	47	92	J	ND	410	U	ND	850	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
DI-N-BUTYLPHTHALATE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
DI-N-OCTYLPHTHALATE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
DIBENZ(A,H)ANTHRACENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
DIBENZOFURAN	ND	160	U	ND	92	U	ND	410	U	64	340	J	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
DIBENZOTHIOPHENE	ND	160	U	ND	92	U	ND	410	U	53	340	J	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
DIETHYLPHTHALATE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
DIMETHYLPHTHALATE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
FLUORANTHENE	530	160		54	92	J	95	410	J	2,700 θ	340		430 θ	2,800	J	150	590	J	5,400 θβ	12,000	J	95	840	J
FLUORENE	20 θ	160	J	ND	92	U	ND	410	U	150 θ	340	J	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
HEXACHLOROBENZENE	ND	150	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
HEXACHLOROBUTADIENE	ND	150	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
HEXACHLOROCYCLOPENTADIENE	NA			ND	92	U	ND	410	UJ	ND	340	UJ	ND	2,800	UJ	ND	590	UJ	ND	12,000	UJ	ND	840	UJ
HEXACHLOROETHANE	ND	160	U	ND	92	U	ND	410	J	ND	340	U	ND	2,800	J	ND	590	J	ND	12,000	J	ND	840	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB010			WHSSB011			WHSSB012			WHSSB013			WHSSB014			WHSSB015			WHSSB016			WHSSB017		
Sample ID	281WHSSS002			281WHSSS004			281WHSSS009			281WHSSS003			281WHSSS004			281WHSSS005			281WHSSS006			281WHSSS010		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/17/95			08/09/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	ND	160	U	ND	92	U	ND	410	U	ND	480	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
ISOPHORONE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
N-NITROSO-DI-N-PROPYLAMINE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
N-NITROSODIPHENYLAMINE (1)	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
NAPHTHALENE	ND	160	U	ND	92	U	ND	410	U	110	340	J	ND	2,800	U	ND	590	J	ND	12,000	U	ND	840	J
NITROBENZENE	ND	160	U	ND	92	U	ND	410	U	ND	340	UJ	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	UJ
PENTACHLOROPHENOL	NA			ND	230	U	ND	1,000	U	120	820	J	ND	6,900	U	ND	1,400	U	ND	30,000	U	ND	2,000	U
PERYLENE	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
PHENANTHRENE	200 θ	160		ND	92	U	49	410	J	1,200 θ	340		450 θ	2,800	J	72	590	J	4,000 #θ	12,000	J	ND	840	U
PHENOL	ND	160	U	ND	92	U	ND	410	U	ND	340	U	ND	2,800	U	ND	590	U	ND	12,000	U	ND	840	U
PYRENE	400	160		48	92	J	88	410	J	1,200 θ	340		2,000 θ	2,800	J	120	590	J	3,900 #θ	12,000	J	ND	840	U
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB010			WHSSB011			WHSSB012			WHSSB013			WHSSB014			WHSSB015			WHSSB016			WHSSB017		
Sample ID	281WHSSS002			281WHSSS084			281WHSSS009			281WHSSS003			281WHSSS004			281WHSSS005			281WHSSS006			281WHSSC10		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/17/95			08/09/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		

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Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB010			WHSSB011			WHSSB012			WHSSB013			WHSSB014			WHSSB015			WHSSB016			WHSSB017		
Sample ID	281WHSSS002			281WHSSS004			281WHSSS009			281WHSSS003			281WHSSS004			281WHSSS005			281WHSSS006			281WHSSS010		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/17/95			08/09/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	ND	0.2	U	ND	0.1	UJ	0.2	0.1	J	4	2	J	8	2	J	2	2	J	4	5	J	ND	1	U
2,4'-DDE	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	3	2		ND	2	U	ND	5	U	0.5	1	J
2,4'-DDT	ND	0.2	U	0.3	0.1	J	ND	0.1	U	ND	2	U	11	2		ND	2	U	34	5		5	1	
4,4'-DDD	0.4	0.2		ND	0.1	UJ	0.2	0.1		50 #θ	2		30 #θ	2		9 θ	2		7 θ	5	J	1	1	
4,4'-DDE	ND	0.2	U	0.4	0.1	J	0.3	0.1		6 θ	2		12 θ	2		6 θ	2	J	32 #θ	5		2	1	
4,4'-DDT	0.3	0.2	J	0.5	0.1	J	0.5	0.1		3 θ	2		69 #θ	2		14 #θ	2	U	230 #θ	5		10 #θ	1	
ALDRIN	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	5	U	ND	1	U
ALPHA-CHLORDANE	0.9 θ	0.2		0.4	0.1	J	0.3	0.1		8 #θ	2		17 #θ	2		7θ #θ	2		17 #θ	5		1 θ	1	
DIELDRIN	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	4 θ	2		6 θ	2		ND	5	U	2 θ	1	
GAMMA-BHC (LINDANE)	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	5	U	2	1	J
HEPTACHLOR	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	5	U	ND	1	U
HEPTACHLOR EPOXIDE	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	6	2	J	ND	5	U	ND	1	U
HEXACHLOROBENZENE	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	5	U	ND	1	U
MIREX	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	2	2	J	5	2		0.4	2	J	ND	5	U	ND	1	U
PCB-101 (2,2',3,5,5')	ND	0.2	U	0.1	0.1	J	ND	0.1	U	5	2	J	7	2	J	3	2	J	3	5	J	ND	1	U
PCB-105 (2,3,3',4,4')	ND	0.2	U	0.2	0.1	J	ND	0.1	U	1	2	J	3	2	J	ND	2	U	ND	5	U	ND	1	U
PCB-118 (2,3',4,4',5)	ND	0.2	U	0.1	0.1	J	0.1	0.1	J	3	2	J	5	2	J	ND	2	U	ND	5	U	ND	1	U
PCB-126 (3,3',4,4',5)	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	UJ	ND	2	UJ	ND	2	U	ND	5	U	ND	1	U
PCB-128 (2,2',3,3',4,4')	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	3	2	J	ND	2	U	ND	5	U	ND	1	U
PCB-138 (2,2',3,4,4',5')	ND	0.2	U	0.2	0.1	J	ND	0.1	U	7	2	J	12	2	J	6	2	J	ND	5	U	ND	1	U
PCB-153 (2,2',4,4',5,5')	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	5	2		9	2		5	2	J	ND	5	U	ND	1	U
PCB-170 (2,2',3,3',4,4',5)	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	5	U	ND	1	U
PCB-18 (2,2',5)	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	5	U	ND	1	U
PCB-180 (2,2',3,4,4',5,5')	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	4	2		6	2		6	2		4	5	J	ND	1	U
PCB-187 (2,2',3,4',5,5',6)	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	0.4	2	J	2	2		4	2	J	ND	5	U	ND	1	U

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Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/17/95			08/09/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	5	U	ND	1	U
PCB-206 (2,2',3,3',4,4',5,5',	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	5	U	ND	1	U
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	5	U	ND	1	U
PCB-28 (2,4,4')	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	6	U	ND	1	U
PCB-44 (2,2',3,5')	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	6	U	ND	1	U
PCB-52 (2,2',5,5')	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	2	2	J	ND	2	U	ND	2	U	ND	6	U	ND	1	U
PCB-66 (2,3',4,4')	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	6	U	ND	1	U
PCB-77 (3,3',4,4')	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	6	U	ND	1	U
PCB-8 (2,4')	ND	0.2	U	ND	0.1	UJ	ND	0.1	U	ND	2	U	ND	2	U	ND	2	U	ND	6	U	ND	1	U
TRANS-NONACHLOR	0.9	0.2		0.6	0.1	J	0.6	0.1		6	2		15	2		65	2		29	6		ND	1	U
Pesticides/PCBs (in µg/kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			NA		
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

ǂ = Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

ϑ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB010			WHSSB011			WHSSB012			WHSSB013			WHSSB014			WHSSB015			WHSSB016			WHSSB017		
Sample ID	281WHSSS002			281WHSSS084			281WHSSS009			281WHSSS0C3			281WHSSSC04			281WHSSS0C5			281WHSSSC06			281WHSSSC10		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/17/95			08/09/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA			NA		
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Petroleum Indicators(in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	5,400	3.6	J	22,800	2.0	J	9,080	4.4	J	10,200	5.4	J	6,400	5.3	J	7,150	3.9	J	7,020	8.3	J	5,920	3.4	J
ANTIMONY	0.61	0.46		0.71	0.39		0.67	0.56		4.9 8T	0.70		7.1 8T	0.68		4.1 8T	0.50		7.0 8T	1.1		1.2	0.43	
ARSENIC	5.1 *8	0.62		5.6 *	0.34		4.0 *	0.75		15.2 *8	0.93		13.2 *8	0.91		6.9 *	0.67		6.6 *8	1.4		3.4 *	0.58	
BARIUM	33.1	0.070		161	0.52		118	0.080		82.5	0.10		301 I	0.10		87.3	0.070		119	0.15		59.2	0.060	
BERYLLIUM	ND	0.020	U	0.52 *I	0.011		0.11	0.030		ND	0.030	U	ND	0.030	U	ND	0.020	U	ND	0.050	U	ND	0.020	U
CADMIUM	0.050	0.040		0.46 I	0.032		0.16	0.050		3.3 8T	0.070		2.1 8T	0.060		1.6 8T	0.050		2.4 8T	0.10		0.31 I	0.040	
CALCIUM	2,010	3.2		13,800	12.1		1,310	3.9		5,800	4.8		4,340	4.7		5,680	3.5		7,650	7.4		7,300	3.0	
CHROMIUM	27.2	0.40		49.2	0.21		24.2	0.48		30.2	0.60		122 8T	0.58		25.8	0.43		34.4	0.92		21.9	0.37	
COBALT	13.0	0.11		14.7	0.13		8.6	0.13		12.9	0.17		7.6	0.16		7.1	0.12		9.4	0.26		9.7	0.10	
COPPER	7.5	0.18		30.9	0.18		18.1	0.21		67.4 8T	0.26		NC	49.3	U	ND	40.8	U	84.3 8T	0.42		45.7 8	0.16	
IRON	16,700	3.5		27,500	3.9		13,700	4.2		30,000	5.2		24,100	5.1		17,000	3.8		25,300	8.0		30,200	2.2	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

8 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

I = Detected concentrations greater than the ambient metals concentrations in soils.

9 = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB010			WHSSB011			WHSSB012			WHSSB013			WHSSB014			WHSSB015			WHSSB016			WHSSB017		
Sample ID	281WHSSS002			281WHSSS084			281WHSSS009			281WHSSS003			281WHSSS004			281WHSSS005			281WHSSS006			281WHSSS010		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/17/95			08/09/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	8.0	0.33		10.0	0.27		16.0	0.40		226 *#@r	0.50		598 *#@r	0.49		142 *@r	0.36		211 *@r	0.77		58.3 @r	0.31	
MAGNESIUM	6,150	3.6		9,880	11.1		5,780	4.4		7,440	5.4		5,360	5.3		5,980	3.9		5,690	8.4		5,750	3.4	
MANGANESE	312	0.13	J	522	0.048		361	0.16	C	489	0.20	C	379	0.19	J	402	0.14	J	627	0.31	C	390	0.12	J
MERCURY	ND	0.060	U	0.070	0.026		0.080	0.030		0.33 @r	0.030		0.21 @	0.030		0.24 @r	0.020		0.30 @r	0.050		0.13	0.020	
MOLYBDENUM	ND	0.20	U	ND	0.27	U	ND	0.24	U	1.1	0.30		0.75	0.29		0.59	0.22		ND	0.46	U	ND	0.19	U
NICKEL	47.4 @	0.75		52.5 #@	0.26		34.6 @	0.88		25.5 @	1.1		16.6	1.1		18.9	0.79		20.8	1.7		17.5 @	0.68	
POTASSIUM	1,190	5.1	J	1,100	6.3		2,460	7.5	J	1,380	9.2	J	1,200	9.0	J	1,500	6.7	C	1,010	14.2	J	833	5.7	J
SELENIUM	ND	0.75	U	ND	0.48	U	ND	0.91	U	1.2 @r	1.1		ND	1.1	U	0.90 @r	0.82		ND	1.7	U	ND	0.70	U
SILVER	ND	0.13	U	ND	0.24	U	ND	0.16	U	4.4 #@r	0.20		2.3 @r	0.19		0.40 r	0.14		1.1 @r	0.31		ND	0.12	U
SODIUM	878	28.1		2,760	42.0		3,230	34.3		1,640	42.4		2,420	41.5		1,910	30.7		810	55.4		36.9	26.4	
THALLIUM	ND	0.44	U	ND	0.14	U	ND	0.54	U	ND	0.66	C	ND	0.65	U	ND	0.48	U	ND	1.0	J	ND	0.41	U
VANADIUM	29.3	0.13		65.1	0.18		36.4	0.16		43.0	0.20		28.1	0.19		29.5	0.14		32.9	0.31		30.2	0.12	
ZINC	49.2	0.070		71.7	0.13		74.6	0.080		467 #@r	0.10		426 #@r	0.10		258 @r	0.070		515 #@r	0.15		84.5	0.060	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/Kg)																								
SULFIDE	ND	12.0	UJ	ND	13.7	J	ND	12.0	UJ	ND	15.0	UJ	ND	17.0	UJ	ND	11.0	UJ	ND	19.0	UJ	ND	10.0	UJ
TOTAL ORGANIC CARBON	4,050	100		5,800	100		12,000	100		44,900	100		110,000	100		231,000	100		455,000	100		51,100	100	
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

r = Detected concentrations greater than the ambient metals concentrations in soils.

c = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB010			WHSSB011			WHSSB012			WHSSB013			WHSSB014			WHSSB015			WHSSB016			WHSSB017		
Sample ID	281WHSSS002			281WHSSS084			281WHSSS009			281WHSSS003			281WHSSS004			281WHSSS005			281WHSSS006			281WHSSS010		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/17/95			08/09/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95			07/17/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in pg/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	19.0			28.0			20.9			35.0			42.0			7.0			47.0			2.0		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	7.1			8.07			8.2			7			7			6.6			5.6			7.1		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

B = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB018			WHSSB019			WHSSB020			WHSSB021			WHSSB022			WHSSB023			WHSSB024			WHSSB025		
Sample ID	281WHSSS076			281WHSSS027			281WHSSS028			281WHSSS092			281WHSSS054			281WHSSS113			281WHSSS026			281WHSSS045		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/19/95			08/11/95			07/24/95			08/29/95			07/19/95			07/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			Na			NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
ACETONE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
STYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB018			WHSSB019			WHSSB020			WHSSB021			WHSSB022			WHSSB023			WHSSB024			WHSSB025		
Sample ID	281WHSSS076			281WHSSS027			281WHSSS028			281WHSSS092			281WHSSS054			281WHSSS113			281WHSSS026			281WHSSS045		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/19/95			08/11/95			07/24/95			08/29/95			07/19/95			07/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
1,2,4-TRICHLOROBENZENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
1-METHYLNAPHTHALENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
1-METHYLPHENANTHRENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	ND	95	U	NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	ND	95	U	NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2,6-DIMETHYLNAPHTHALENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	ND	95	U	NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	ND	95	U	NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	ND	95	U	NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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é = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB018			WHSSB019			WHSSB020			WHSSB021			WHSSB022			WHSSB023			WHSSB024			WHSSB025		
Sample ID	281WHSSS076			281WHSSS027			281WHSSS028			281WHSSS092			281WHSSS054			281WHSSS112			281WHSSS026			281WHSSS045		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/19/95			08/11/95			07/24/95			08/29/95			07/19/95			07/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/kg)																								
4-CHLOROPHENYL-PHENYLETHER	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	ND	95	U	NA			NA			NA			NA			NA			NA			NA		
4-NITROPHENOL	ND	95	U	NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	20	38	J	NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	27	38	J	NA			NA			NA			NA			NA			NA			NA		
BENZO(E)PYRENE	21	38	J	NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	19	38	J	NA			NA			NA			NA			NA			NA			NA		
BENZOIC ACID	ND	95	U	NA			NA			NA			NA			NA			NA			NA		
BENZYL ALCOHOL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	28	38	J	NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
DIBENZOTHIOPHENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	50	38		NA			NA			NA			NA			NA			NA			NA		
FLUORENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	ND	38	UJ	NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB018			WHSSB019			WHSSB020			WHSSB021			WHSSB022			WHSSB023			WHSSB024			WHSSB025		
Sample ID	281WHSSS076			281WHSSSC27			281WHSSS028			281WHSSS092			281WHSSS054			281WHSSS113			281WHSSS026			281WHSSS045		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/19/95			08/11/95			07/24/95			08/29/95			07/19/95			07/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	ND	95	U	NA			NA			NA			NA			NA			NA			NA		
PERYLENE	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
PHENANTHRENE	22	38	J	NA			NA			NA			NA			NA			NA			NA		
PHENOL	ND	38	U	NA			NA			NA			NA			NA			NA			NA		
PYRENE	37	38	J	NA			NA			NA			NA			NA			NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		

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04/08/97

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Analytical Results for Soil

Wood Hogger Site (Site 11)

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Sample ID	281WHSSS076			281WHSSS027			281WHSSS028			281WHSSS092			281WHSSS054			281WHSSS113			281WHSSS026			281WHSSS045		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/19/95			08/11/95			07/24/95			08/29/95			07/19/95			07/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

c = Detected concentrations greater than wetlands cover values (EWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB018			WHSSB019			WHSSB020			WHSSB021			WHSSB022			WHSSB023			WHSSB024			WHSSB025		
Sample ID	281WHSSSC76			281WHSSS027			281WHSSS028			281WHSSS092			281WHSSS054			281WHSSS113			281WHSSS026			281WHSSS045		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/03/95			07/19/95			07/19/95			08/11/95			07/24/95			08/29/95			07/19/95			07/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
2,4'-DDE	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
2,4'-DDT	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
4,4'-DDD	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
ALDRIN	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	0.1	0.1		NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
MIREX	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-101 (2,2',3,5,5')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-105 (2,3,3',4,4')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-118 (2,3',4,4',5)	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-126 (3,3',4,4',5)	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-128 (2,2',3,3',4,4')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-138 (2,2',3,4,4',5')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-153 (2,2',4,4',5,5')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-18 (2,2',5)	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		

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@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

^ = Detected concentrations greater than the ambient metals concentrations in soils.

~ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WESSB018			WESSB019			WHSSB020			WHSSB021			WHSSB022			WHSSB023			WHSSB024			WESSB025		
Sample ID	281WESSS076			281WHSSS027			281WHSSS028			281_WHSSS092			281WHSSS054			281WHSSS113			281WHSSS026			281WESSS045		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/19/95			08/11/95			07/24/95			08/29/95			07/19/95			07/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-206 (2,2',3,3',4,4',5,5',6	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-28 (2,4,4')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-44 (2,2',3,5')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-52 (2,2',5,5')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-66 (2,3',4,4')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-77 (3,3',4,4')	ND	0.1	U	NA			NA			NA			NA			NA			NA			NA		
PCB-8 (2,4')	0.2	0.1		NA			NA			NA			NA			NA			NA			NA		
TRANS-NONACHLOR	ND	0.1	J	NA			NA			NA			NA			NA			NA			NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			NA		
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB018			WESSB019			WHSSB020			WHSSB021			WHSSB022			WESSB023			WHSSB024			WHSSB025		
Sample ID	281WHSSS076			281WHSSS027			281WHSSS028			281WHSSS092			281WHSSS054			281WHSSS113			281WHSSS026			281WESSS045		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/19/95			08/11/95			07/24/95			08/29/95			07/19/95			07/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA			NA		
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	21,800	2.3		NA			NA			5,130	16.3		22,500	5.6		20,700	9.2		32,500 Γ	7.1		11,400	4.2	
ANTIMONY	1.8 Γ	0.45	J	NA			NA			ND	2.1	U	ND	1.9	U	ND	1.2	UJ	2.8 θΓ	0.91	J	ND	0.63	U
ARSENIC	1.9 *	0.39		NA			NA			13.2 *θ	2.8		3.8 *	0.63	J	11.8 *θ	1.5		5.8 *	1.2		5.5 *	0.72	
BARIUM	37.9	0.60		NA			NA			47.6	0.30		46.8	0.070		70.5	0.17		65.4	0.13		73.8	0.080	
BERYLLIUM	0.810	0.013		NA			NA			ND	0.10	U	ND	0.020	U	ND	0.060	U	ND	0.040	U	ND	0.020	U
CADMIUM	0.64 Γ	0.038		NA			NA			ND	0.20	U	ND	0.040	U	ND	0.11	U	ND	0.090	U	ND	0.050	U
CALCIUM	12,800	14.0		NA			NA			7,140	14.4		10,800	3.2		8,070	6.1		8,170	6.2		5,430	3.7	J
CHROMIUM	28.1	0.24		NA			NA			22.6	1.8		28.3	0.40	J	54.2	1.0		73.2	0.78		26.3	0.46	
COBALT	28.4 Γ	0.15		NA			NA			2.4	0.50		39.3 Γ	0.11		23.3	0.28		30.2 Γ	0.22		12.5	0.13	
COPPER	58.1 θ	0.21		NA			NA			23.2	0.80		49.0 θΓ	0.18	J	82.9 θΓ	0.45		102 θΓσ	0.35		20 θ	0.21	
IRON	43,200	4.6		NA			NA			3,570	15.7	J	70,400	3.5	J	48,400	8.8		55,300	6.8		20,400	4.0	

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04/08/97

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	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	9.4	0.32		NA			NA			39.3	1.5		6.4	0.33	J	81.4 σΓε	0.85		21.0	0.65	J	21.4	0.39	
MAGNESIUM	18,800	12.9		NA			NA			8,250	15.4		22,400	3.7		14,000	9.2		21,500	7.1		7,020	4.2	
MANGANESE	378 Γ	0.056		NA			NA			55.3	0.60		1,270 Γ	0.13		702	0.34	J	852	0.26	J	416	0.15	J
MERCURY	10.0 #σΓε	0.33		NA			NA			ND	0.25	U	18.5 #σΓε	0.020	J	0.27 σΓ	0.060		7.1 #σΓε	0.040		0.070	0.030	
MOLYBDENUM	ND	0.32	U	NA			NA			5.0	0.90		ND	0.20	U	1.5	0.51		ND	0.39	U	ND	0.23	U
NICKEL	30.9 θ	0.30		NA			NA			27.2 θ	3.3		23.6 θ	0.74	J	68.4 #θ	1.9		53.2 Rε	1.4	J	33.8 θ	0.85	J
POTASSIUM	887	7.3		NA			NA			2,200	27.8	J	1,170	5.2	J	3,330	15.7	J	6,450	12.0	J	1,850	7.1	J
SELENIUM	ND	0.56	U	NA			NA			ND	3.4	U	ND	0.76	U	ND	1.9	U	ND	1.5	U	ND	0.87	U
SILVER	ND	0.23	U	NA			NA			ND	0.60	U	ND	0.13	U	ND	0.34	U	ND	0.26	U	ND	0.15	U
SODIUM	2,510	48.8		NA			NA			23,400	128	J	1,550	28.5	J	5,340	72.1		1,710	55.4		1,470	32.9	J
THALLIUM	ND	0.090	U	NA			NA			ND	2.0	U	ND	0.45	U	ND	1.1	U	1.1	0.87		ND	0.51	U
VANADIUM	122 Γ	0.21		NA			NA			41.4	0.60		136 Γ	0.13		83.9	0.34		133 Γ	0.26		44.8	0.15	
ZINC	176 θσ	0.15		NA			NA			82.1	0.30	J	164 θσ	0.070		322 θσΓ	0.17		224 θΓσ	0.13		153 θ	0.080	
Hexavalent Chromium (in mg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	ND	11.4	U	NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	3,700	100		NA			NA			NA			NA			NA			NA			NA		
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			6.5	0.06		ND	0.06	U	NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			0.1	0.08	J	ND	0.03	U	NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			ND	0.04	U	ND	0.08	U	NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			ND	0.05	U	ND	0.07	U	NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			ND	0.02	U	ND	0.06	U	NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			ND	0.05	U	ND	0.07	U	NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			ND	0.02	U	ND	0.06	U	NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			ND	0.05	U	ND	0.07	U	NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			ND	0.02	U	ND	0.06	U	NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			ND	0.08	U	ND	0.06	U	NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			ND	0.09	U	ND	0.04	U	NA			NA			NA			NA			NA		
2,3,4,6,7,8-EXCDF	NA			ND	0.02	U	ND	0.06	U	NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			ND	0.09	U	ND	0.04	U	NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			ND	0.06	U	ND	0.1	U	NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB018			WHSSB019			WHSSB020			WHSSB021			WHSSB022			WHSSB023			WHSSB024			WHSSB025		
Sample ID	281WHSSS076			281WHSSS027			281WHSSS028			281WHSSS092			281WHSSS054			281WHSSS113			281WHSSS026			281WHSSS045		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/19/95			08/11/95			07/24/95			08/29/95			07/19/95			07/21/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in µg/kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			ND	0.02	U	ND	0.03	U	NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			0.8	0.1		ND	0.1	U	NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			0.3	0.08	J	ND	0.08	U	NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			ND	0.05	U	ND	0.07	U	NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			ND	0.2	U	ND	0.06	U	NA			NA			NA			NA			NA		
OCDD	NA			4	0.2		0.4	0.2	J	NA			NA			NA			NA			NA		
OCDF	NA			ND	0.2	U	ND	0.06	U	NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			ND	0.08	U	ND	0.06	U	NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			ND	0.09	U	ND	0.04	U	NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			ND	0.02	U	ND	0.03	U	NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			ND	0.06	U	ND	0.1	U	NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	13.0			18.0			54.0			NA			NA			NA			NA			NA		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	7.84			NA			NA			6.5			5.6			7.8			7.2			7.7		

Notes: Detected concentrations are shaded.

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB026			WHSSB027			WHSSB028			WHSSB029			WHSSB030			WHSSB049			WHSSB050			WHSSB051		
Sample ID	281WHSSS080			281WHSSS037			281WHSSS040			281WHSSS069			281WHSSS114			033WHSSS500			033WHSSS501			033WHSSS502		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/28/95			08/29/95			02/06/96			02/06/96			02/06/96		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			3.20 - 3.50			0.00 - 0.50			2.00 - 2.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in µg/kg)																								
BENZENE	NA			NA			NA			NA			ND	56	J	NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			260	56		NA			NA			NA		
TOLUENE	NA			NA			NA			NA			ND	56	J	NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			220	56		NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			NA		
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			NA		
ACETONE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			NA		
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
STYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 285, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB026			WHSSB027			WESSB028			WESSB029			WESSB030			WHSSB050			WHSSB050			WHSSB051		
Sample ID	281WHSSS080			281WHSSS037			281WESSS040			281WESSS068			281WHSSS114			033WHSSS500			033WHSSS501			033WHSSS502		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/28/95			08/29/95			02/06/96			02/06/96			02/06/96		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			3.20 - 3.50			0.00 - 0.50			2.00 - 2.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
1-METHYLPHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DIMETHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLORONAPETHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB026			WHSSB027			WHSSB028			WHSSB029			WHSSB030			WHSSB050			WHSSB050			WHSSB051		
Sample ID	281WHSSS080			281WHSSS037			281WHSSS040			281WHSSS068			281WHSSS114			033WHSSS500			033WHSSS501			033WHSSS502		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/28/95			08/29/95			02/05/96			02/06/96			02/06/96		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			3.20 - 3.50			0.00 - 0.50			2.00 - 2.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(E)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
BENZOIC ACID	NA			NA			NA			NA			NA			NA			NA			NA		
BENZYL ALCOHOL	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			NA		
CHRYSENE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			NA		
DIBENZOTHIOPHENE	NA			NA			NA			NA			NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			NA		
FLUORENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLORCBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

∂ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB026			WHSSB027			WHSSB028			WHSSB029			WHSSB030			WHSSB050			WHSSB050			WHSSB051		
Sample ID	281WHSSS080			281WHSSS037			281WHSSS040			281WHSSS068			281WHSSS114			033WHSSSS00			033WHSSS501			033WHSSS502		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/28/95			08/29/95			02/06/96			02/06/96			02/06/96		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			3.20 - 3.50			0.00 - 0.50			2.00 - 2.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			NA		
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PERYLENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			NA		
PHENOL	NA			NA			NA			NA			NA			NA			NA			NA		
PYRENE	NA			NA			NA			NA			NA			NA			NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
1,2-DICHLOROBENZENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
1,3-DICHLOROBENZENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
1,4-DICHLOROBENZENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			ND	50,000	U	ND	920	U	ND	980	U	ND	870	U
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2,4-DICHLOROPHENOL	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2,4-DINITROPHENOL	NA			NA			NA			NA			ND	50,000	U	ND	920	U	ND	980	U	ND	870	U
2,4-DINITROTOLUENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2,6-DINITROTOLUENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2-CHLORONAPHTHALENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2-CHLOROPHENOL	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2-METHYLNAPHTHALENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2-METHYLPHENOL	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
2-NITROANILINE	NA			NA			NA			NA			ND	50,000	U	ND	920	U	ND	980	U	ND	870	U
2-NITROPHENOL	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	UJ	ND	400	UJ	ND	360	UJ
3-NITROANILINE	NA			NA			NA			NA			ND	50,000	U	ND	920	U	ND	980	U	ND	870	U
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			ND	50,000	U	ND	920	U	ND	980	U	ND	870	U
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Σ = Detected concentrations greater than the ambient metals concentrations in soils.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB026			WHSSB027			WHSSB028			WHSSB029			WHSSB030			WHSSB050			WHSSB050			WESSB051		
Sample ID	281WHSSS080			281WHSSS037			281WHSSS040			281WHSSS058			281WHSSS114			033WHSSS500			033WHSSS501			033WESSS502		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/28/95			08/29/95			02/06/96			02/06/96			02/06/96		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			3.20 - 3.50			0.00 - 0.50			2.00 - 2.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
4-CHLOROANILINE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
4-METHYLPHENOL	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
4-NITROANILINE	NA			NA			NA			NA			ND	50,000	U	ND	920	U	ND	980	U	ND	870	U
4-NITROPHENOL	NA			NA			NA			NA			ND	50,000	U	ND	920	U	ND	980	U	ND	870	U
ACENAPHTHENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
ACENAPHTHYLENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
ANTHRACENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
BENZO(A)ANTHRACENE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	U	ND	400	U	ND	360	U
BENZO(A)PYRENE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	UJ	ND	400	U	ND	360	U
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	UJ	ND	400	U	ND	360	U
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	UJ	ND	400	U	ND	360	U
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	UJ	ND	400	U	ND	360	U
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			ND	20,000	UJ	ND	2,100	U	ND	400	U	ND	360	U
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	U	ND	400	U	ND	360	U
CARBAZOLE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
CHRYSENE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	U	ND	400	U	ND	360	U
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	UJ	ND	400	U	ND	360	U
DIBENZ(A,E)ANTHRACENE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	U	ND	400	U	ND	360	U
DIBENZOFURAN	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
DIETHYLPHTHALATE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
DIMETHYLPHTHALATE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
FLUORANTHENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
FLUORENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
HEXACHLOROBENZENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
HEXACHLOROBUTADIENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
HEXACHLOROETHANE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	UJ	ND	400	U	ND	360	U
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
ISOPHORONE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB026			WHSSB027			WHSSB028			WHSSB029			WHSSB030			WHSSB050			WHSSB050			WHSSB051		
Sample ID	281WHSSS080			281WHSSS037			281WHSSS040			281WHSSS068			281WHSSS114			033WHSSS500			033WHSSS501			033WHSSS502		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/28/95			08/29/95			02/06/96			02/06/96			02/06/96		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			3.20 - 3.50			0.00 - 0.50			2.00 - 2.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
NAPHTHALENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
NITROBENZENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
PENTACHLOROPHENOL	NA			NA			NA			NA			ND	50,000	U	ND	920	U	ND	980	U	ND	870	U
PHENANTHRENE	NA			NA			NA			NA			ND	20,000	U	ND	380	U	ND	400	U	ND	360	U
PHENOL	NA			NA			NA			NA			ND	20,000	U	450	380		560	400		900	360	
PYRENE	NA			NA			NA			NA			ND	20,000	UJ	ND	380	U	ND	400	U	ND	360	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
2,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
MIREX	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-101 (2,2',3,5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-105 (2,3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-118 (2,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-126 (3,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-126 (2,2',3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-138 (2,2',3,4,4',5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-153 (2,2',4,4',5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-170 (2,2',3,3',4,4',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-18 (2,2',5)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-180 (2,2',3,4,4',5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-187 (2,2',3,4',5,5',6)	NA			NA			NA			NA			NA			NA			NA			NA		

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Wood Hogger Site (Site 11)

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Sample ID	281WHSSS080			281WHSSS037			281WHSSS040			281WHSSS068			281WHSSS114			033WHSSS500			033WHSSS501			033WHSSS502		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/28/95			08/29/95			02/06/96			02/06/96			02/06/96		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			3.20 - 3.50			0.00 - 0.50			2.00 - 2.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-206 (2,2,',3,3',4,4',5,5',	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-28 (2,4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-44 (2,2',3,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-52 (2,2',5,5')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-66 (2,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-77 (3,3',4,4')	NA			NA			NA			NA			NA			NA			NA			NA		
PCB-8 (2,4')	NA			NA			NA			NA			NA			NA			NA			NA		
TRANS-NONACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			NA		
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			NA		
ALDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			NA		
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			NA		
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			NA		
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			NA		
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

9 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 285, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB026			WHSSB027			WHSSB028			WHSSB029			WHSSB030			WHSSB050			WHSSB050			WHSSB051		
Sample ID	281WHSSS080			281WHSSS037			281WHSSS040			281WHSSS068			281WHSSS114			033WHSSS500			033WHSSS501			033WHSSS502		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/28/95			08/29/95			02/06/96			02/06/96			02/06/96		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			3.20 - 3.50			0.00 - 0.50			2.00 - 2.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			NA		
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			NA		
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA			NA		
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			2,300	560		NA			NA			NA		
GASOLINE	NA			NA			NA			NA			25	6		NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			8,900	560		NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	21,600	6.5		12,500	3.9		11,100	3.4		15,400	4.0		NA			15,900	4.1		7,590	4.4		19,200	3.9	
ANTIMONY	2.0 Γ	1.3	J	1.7	0.51	J	ND	0.54	J	ND	0.77	U	NA			1.4	0.37	J	ND	0.39	UJ	0.44	0.36	J
ARSENIC	9.6 *θ	1.1		1.4 *	0.67		6.9 *	0.58		ND	2.6	U	NA			4.1 *	0.32		4.4 *	0.34		ND	0.30	U
BARIUM	80.2	1.7		181	0.070		124	0.060		49.2	0.070		NA			115	0.070		138	0.070		7.6	0.070	
BERYLLIUM	0.37 *Γ	0.037		0.17 *Γ	0.020		ND	0.020	U	ND	0.020	U	NA			ND	0.020	U	ND	0.060	U	ND	0.020	U
CADMIUM	1.1 Γ	0.11		ND	0.050	U	ND	0.040	U	ND	0.050	U	NA			19.9 *θθΓσ	0.050		ND	0.050	U	ND	0.040	U
CALCIUM	5,500	39.9		4,970	3.5		5,800	3.0		9,300	3.9	J	NA			9,630	3.3	J	9,610	3.5	J	10,200	3.1	J
CHROMIUM	56.2	0.70		33.5	0.43		36.3	0.37		27.1	0.44		NA			34.2	0.090		17.3	0.10		17.0	0.090	
COBALT	13.8	0.43		10.5	0.12		12.4	0.10		15.2	0.12		NA			13.5	0.090		13.0	0.10		20.7	0.090	
COPPER	57.3 θ	0.59		16.3	0.19		16.5	0.16		24.8	0.19		NA			71.5 θΓ	0.11	J	12.8	0.12	J	28.5	0.11	J
IRON	42,700	13.0		15,000	3.8		20,000	3.2		23,000	3.8		NA			48,300	2.5		16,200	2.7		30,000	2.4	

Notes: Detected concentrations are shaded.

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB026			WHSSB027			WHSSB028			WHSSB029			WHSSB030			WHSSB050			WHSSB050			WHSSB051		
Sample ID	281WHSSS080			281WHSSS037			281WHSSS040			281WHSSS068			281WHSSS114			033WHSSSS00			033WHSSS501			033WHSSS502		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/28/95			08/29/95			02/06/96			02/06/96			02/06/96		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			3.20 - 3.50			0.00 - 0.50			2.00 - 2.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	27.5	0.91		10.7	0.36	J	150 *@Γ¢	0.31		23.7	0.36	J	NA			127 @Γ¢	0.18		6.2	0.20		1.8	0.17	
MAGNESIUM	10,300	35.8		1,630	4.0		5,670	3.4		12,300	4.0		NA			12,500	3.7		5,070	4.0		14,800	3.5	
MANGANESE	374	0.16		477	0.14	J	463	0.12	J	336	0.15		NA			674	0.020		952 F	0.020		256	0.020	
MERCURY	0.22 @	0.12		0.070	0.020		ND	0.050	U	ND	0.17	U	NA			0.18 @	0.060		ND	0.060	U	0.21 @	0.050	
MOLYBDENUM	4.2	0.91		ND	0.22	U	ND	0.19	U	ND	0.22	U	NA			1.0	0.14		ND	0.15	U	ND	0.13	U
NICKEL	68.2 #@	0.86		29.2 @	0.80		53.2 #@	0.58		33.9 @	0.80		NA			30.2 @	0.16		28.0 @	0.17		19.8	0.15	
POTASSIUM	3,450	20.8		1,760	6.7	J	1,720	5.7	J	1,430	6.8	J	NA			1,530	5.0	J	1,150	5.3	J	353	4.7	J
SELENIUM	ND	1.6	U	ND	0.82	U	ND	0.70	U	ND	0.83	U	NA			ND	0.53	U	ND	0.56	U	ND	0.50	U
SILVER	ND	0.60	J	ND	0.24	U	ND	0.12	U	ND	0.15	U	NA			ND	0.11	U	ND	0.12	U	ND	0.11	U
SODIUM	6,130	139		2,960	30.8		163	26.4	J	1,170	31.1	J	NA			844	19.3	J	1,090	20.6	J	264	18.2	J
THALLIUM	ND	0.42	U	1.1	0.48		ND	0.41	U	ND	0.49	U	NA			ND	0.44	U	ND	0.47	U	ND	0.41	U
VANADIUM	83.3	0.59		45.5	0.14		67.3	0.12		64.8	0.15		NA			65.6	0.090		44.6	0.10		74.2	0.090	
ZINC	287 @Γ¢	0.43		36.0	0.070		71.9	0.060		63.1	0.070		NA			723 #@Γ¢	0.23		42.4	0.24		28.6	0.22	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	NA			NA			NA			NA			NA			NA			NA			NA		
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB026			WHSSB027			WHSSB028			WHSSB029			WHSSB030			WHSSB050			WHSSB050			WHSSB051		
Sample ID	281WHSSS080			281WHSSS037			281WHSSS040			281WHSSS068			281WHSSS114			033WHSSS500			033WHSSS501			033WHSSS502		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/28/95			08/29/95			02/06/96			02/06/96			02/06/96		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			3.20 - 3.50			0.00 - 0.50			2.00 - 2.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in µg/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			NA			NA			NA			NA			NA			NA			NA		
PERCENT SOLID	NA			NA			NA			NA			NA			87.2			81.7			92.2		
Miscellaneous																								
PH	7.61			7.7			8.4			8.6			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB051			WHSSBA02			WHSSBA04			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06		
Sample ID	033WHSSS503			281WHSSS085			281WESSS016			281WHSSS106			281WHSSS107			281WESSS108			281WHSSS109			281WHSSS110		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	02/06/95			08/09/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	2.00 - 2.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.00			9.00 - 10.90			13.00 - 14.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in ug/kg)																								
BENZENE	NA			NA			NA			NA			ND	12	U	NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			ND	12	U	NA			NA			NA		
TOLUENE	NA			NA			NA			NA			ND	12	U	NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			ND	12	U	NA			NA			NA		
Volatiles (in ug/kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
1,1-DICHLOROETHANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
1,1-DICHLOROETHENE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
1,2-DICHLOROETHANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
1,2-DICHLOROPROPANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
2-BUTANONE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	21	U	ND	16	U
2-HEXANONE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
4-METHYL-2-PENTANONE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
ACETONE	NA			NA			NA			NA			ND	51	U	ND	37	U	ND	110	J	ND	100	U
BENZENE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
BROMODICELCROMETHANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
BROMOFORM	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
BROMOMETHANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
CARBON DISULFIDE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
CARBON TETRACHLORIDE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
CHLOROBENZENE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
CHLOROETHANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
CHLOROFORM	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
CHLOROMETHANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
ETHYLBENZENE	NA			NA			NA			NA			ND	12	U	ND	19	U	ND	13	U	ND	13	U
METHYLENE CHLORIDE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
STYRENE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
TETRACHLOROETHENE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
TOLUENE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

c = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WESSB051			WHSSBA02			WHSSBA04			WHSSBA06			WHSSBA06			WHSSBA06			WESSBA06			WHSSBA06		
Sample ID	033WHSSS5C3			281WHSSSC8E			281WHSSSC16			281WHSSS1C6			281WHSSS1C7			281WHSSS1C8			281WHSSS109			281WHSSS110		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	02/06/96			08/09/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	2.00 - 2.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.00			9.00 - 10.00			13.00 - 14.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
TRICHLOROETHENE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
VINYL CHLORIDE	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
XYLENE (TOTAL)	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	ND	13	U
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
1,2,4-TRICHLOROBENZENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2-METHYLPHENANTHRENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			ND	420	U	ND	87	U	NA			NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			ND	420	U	ND	87	U	NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2,6-DIMETHYLNAPHTHALENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2-CHLOROPHENOL	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2-METHYLPHENOL	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
2-NITROANILINE	NA			NA			ND	420	U	ND	87	U	NA			NA			NA			NA		
2-NITROPHENOL	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			ND	170	U	ND	35	UJ	NA			NA			NA			NA		
3-NITROANILINE	NA			NA			ND	420	U	ND	87	UJ	NA			NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			ND	420	U	ND	87	U	NA			NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
4-CHLOROANILINE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB051			WHSSBA02			WHSSBA04			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06		
Sample ID	033WHSSS503			281WHSSS085			281WHSSS016			281WHSSS106			281WHSSS107			281WHSSS108			281WHSSS109			281WHSSS110		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	02/06/96			08/09/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	2.00 - 2.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.00 - 2.00			4.50 - 5.00			9.00 - 10.90			13.00 - 14.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
4-METHYLPHENOL	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
4-NITROANILINE	NA			NA			ND	420	U	ND	87	UJ	NA			NA			NA			NA		
4-NITROPHENOL	NA			NA			ND	420	U	ND	87	U	NA			NA			NA			NA		
ACENAPHTHENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
ACENAPHTHYLENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
ANTHRACENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
BENZO(A)PYRENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
BENZO(E)PYRENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
BENZOIC ACID	NA			NA			ND	170	U	ND	87	U	NA			NA			NA			NA		
BENZYL ALCOHOL	NA			NA			ND	170	U	ND	35	UJ	NA			NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
CARBAZOLE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
CHRYSENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
DIBENZOFURAN	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
DIBENZOTHIOPHENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
FLUORANTHENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
FLUORENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
HEXACHLOROETHANE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 261, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB051			WESSBA02			WHSSBA04			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06		
Sample ID	033WHSSS503			281WHSSS085			281WHSSS016			281WHSSS106			281WHSSS107			281WHSSS108			281WHSSS109			281WHSSS110		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	02/06/96			08/09/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	2.00 - 2.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.00			9.00 - 10.90			13.00 - 14.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
ISOPHORONE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
NAPHTHALENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
NITROBENZENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			ND	420	U	ND	87	U	NA			NA			NA			NA		
PERYLENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
PHENANTHRENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
PHENOL	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
PYRENE	NA			NA			ND	170	U	ND	35	U	NA			NA			NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
1,2-DICHLOROBENZENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
1,3-DICHLOROBENZENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
1,4-DICHLOROBENZENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2,4,5-TRICHLOROPHENOL	ND	940	U	NA			NA			NA			ND	930	U	ND	990	U	ND	1,000	U	ND	1,000	U
2,4,6-TRICHLOROPHENOL	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2,4-DICHLOROPHENOL	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2,4-DIMETHYLPHENOL	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2,4-DINITROPHENOL	ND	940	U	NA			NA			NA			ND	930	U	ND	990	U	ND	1,000	U	ND	1,000	U
2,4-DINITROTOLUENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2,6-DINITROTOLUENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2-CHLORONAPHTHALENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2-CHLOROPHENOL	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2-METHYLNAPHTHALENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2-METHYLPHENOL	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
2-NITROANILINE	ND	940	U	NA			NA			NA			ND	930	U	ND	990	U	ND	1,000	U	ND	1,000	U
2-NITROPHENOL	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
3,3'-DICHLOROBENZIDINE	ND	390	UJ	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
3-NITROANILINE	ND	940	U	NA			NA			NA			ND	930	U	ND	990	U	ND	1,000	U	ND	1,000	U
4,6-DINITRO-2-METHYLPHENOL	ND	940	U	NA			NA			NA			ND	930	U	ND	990	U	ND	1,000	U	ND	1,000	U
4-BROMOPHENYL-PHENYLETHER	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB051			WHSSBA02			WHSSA04			WHSSBA06			WHSSBA06			WHSSBAC6			WHSSBA06			WHSSBA06		
Sample ID	033WHSSS503			281WHSSS085			281WHSSS016			281WHSSS106			281WHSSS107			281WHSSS108			281WESSS109			281WHSSS110		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	02/06/96			08/09/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	2.00 - 2.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.00			9.00 - 10.90			13.00 - 14.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-CHLORO-3-METHYLPHENOL	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
4-CHLOROANILINE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
4-CHLOROPHENYL-PHENYLETHER	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
4-METHYLPHENOL	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
4-NITROANILINE	ND	940	U	NA			NA			NA			ND	930	U	ND	990	U	ND	1,000	U	ND	1,000	U
4-NITROPHENOL	ND	940	U	NA			NA			NA			ND	930	U	ND	990	U	ND	1,000	U	ND	1,000	U
ACENAPHTHENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
ACENAPHTHYLENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
ANTHRACENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
BENZO(A)ANTHRACENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
BENZO(A)PYRENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
BENZO(B)FLUORANTHENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
BENZO(G,H,I)PERYLENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
BENZO(K)FLUORANTHENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
BIS(2-CHLOROETHOXY)METHANE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
BIS(2-CHLOROETHYL)ETHER	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
BIS(2-ETEYLHEXYL)PHTHALATE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
BUTYLBENZYLPHTHALATE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
CARBAZOLE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
CHRYSENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
DI-N-BUTYLPHTHALATE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
DI-N-OCTYLPHTHALATE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
DIBENZ(A,H)ANTHRACENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
DIBENZOFURAN	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
DIETHYLPHTHALATE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
DIMETHYLPHTHALATE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
FLUORANTHENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
FLUORENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
HEXACHLOROBENZENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
HEXACHLOROBUTADIENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
HEXACHLOROCYCLOPENTADIENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
HEXACHLOROETHANE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
INDENO(1,2,3-CD)PYRENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
ISOPHORONE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB051			WHSSBA02			WHSSBA04			WHSSBA05			WESSBA06			WHSSBA06			WHSSBA06			WHSSBA06		
Sample ID	033WHSSS503			281WESSS085			281WESSS016			281WESSS106			281WHSSS107			281WESSS108			281WHSSS109			281WHSSS110		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	02/06/96			08/09/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	2.00 - 2.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.00			9.00 - 10.90			13.00 - 14.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
N-NITROSODIPHENYLAMINE (1)	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
NAPHTHALENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
NITROBENZENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
PENTACHLOROPHENOL	ND	940	U	NA			NA			NA			ND	930	U	ND	990	U	ND	1,000	U	ND	1,000	U
PHENANTHRENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
PHENOL	980	390		NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
PYRENE	ND	390	U	NA			NA			NA			ND	380	U	ND	410	U	ND	420	U	ND	430	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
2,4'-DDE	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
2,4'-DDT	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
4,4'-DDD	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
4,4'-DDE	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
4,4'-DDT	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
ALDRIN	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
DIELDRIN	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			ND	0.1	U	0.4	0.1		NA			NA			NA			NA		
HEPTACHLOR	NA			NA			0.3	0.1		ND	0.1	U	NA			NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			ND	0.1	J	0.7	0.1		NA			NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA			NA		
MIREX	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA			NA		
PCB-101 (2,2',3,5,5')	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA			NA		
PCB-105 (2.3,3',4,4')	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA			NA		
PCB-118 (2,3',4,4',5)	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA			NA		
PCB-126 (3,3',4,4',5)	NA			NA			0.4	0.1		ND	0.1	U	NA			NA			NA			NA		
PCB-128 (2,2',3,3',4,4')	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA			NA		
PCB-138 (2,2',3,4,4',5')	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA			NA		
PCB-153 (2,2',4,4',5,5')	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA			NA		
PCB-170 (2,2',3,3',4,4',5)	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA			NA		
PCB-18 (2,2',5)	NA			NA			ND	0.1	J	0.1	0.1		NA			NA			NA			NA		
PCB-180 (2,2',3,4,4',5,5')	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA			NA		
PCB-187 (2,2',3,4',5,5',6)	NA			NA			0.4	0.1		ND	0.1	U	NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB051			WHSSBA02			WHSSBA04			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06		
Sample ID	033WHSSS503			281WHSSS085			281WESS8016			281WHSSS106			281WHSSS107			281WHSSS108			281WHSSS109			281WHSSS110		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	02/06/96			08/09/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	2.00 - 2.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.00			9.00 - 10.00			13.00 - 14.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
PCB-206 (2,2,',3,3',4,4',5,5',	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
PCB-28 (2,4,4')	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
PCB-44 (2,2',3,5')	NA			NA			ND	0.1	U	ND	0.1	UJ	NA			NA			NA			NA		
PCB-52 (2,2',5,5')	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
PCB-66 (2,3',4,4')	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
PCB-77 (3,3',4,4')	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			NA		
PCB-8 (2,4')	NA			NA			ND	0.1	U	ND	0.1	J	NA			NA			NA			NA		
TRANS-NONACHLOR	NA			NA			ND	0.1	U	ND	0.1	J	NA			NA			NA			NA		
Pesticides/PCBs (in ug/kg)																								
4,4'-DDD	NA			NA			NA			NA			ND	4	U	ND	4	U	ND	4	U	ND	4	U
4,4'-DDE	NA			NA			NA			NA			ND	4	U	ND	4	U	ND	4	U	ND	4	U
4,4'-DDT	NA			NA			NA			NA			ND	4	UJ	ND	4	UJ	ND	4	UJ	ND	4	UJ
ALDRIN	NA			NA			NA			NA			ND	2	UJ	ND	2	UJ	ND	2	UJ	ND	2	UJ
ALPHA-BHC	NA			NA			NA			NA			ND	2	U	ND	2	U	ND	2	U	ND	2	U
ALPHA-CHLORDANE	NA			NA			NA			NA			ND	2	U	ND	2	U	ND	2	U	ND	2	U
AROCLOR-1016	NA			NA			NA			NA			ND	39	U	ND	41	U	ND	43	U	ND	44	U
AROCLOR-1221	NA			NA			NA			NA			ND	78	U	ND	82	U	ND	85	U	ND	88	U
AROCLOR-1232	NA			NA			NA			NA			ND	39	U	ND	41	U	ND	43	U	ND	44	U
AROCLOR-1242	NA			NA			NA			NA			ND	39	U	ND	41	U	ND	43	U	ND	44	U
AROCLOR-1248	NA			NA			NA			NA			ND	39	U	ND	41	U	ND	43	U	ND	44	U
AROCLOR-1254	NA			NA			NA			NA			ND	39	U	ND	41	U	ND	43	U	ND	44	U
AROCLOR-1260	NA			NA			NA			NA			ND	2	U	ND	2	U	ND	2	U	ND	2	U
BETA-BHC	NA			NA			NA			NA			ND	2	U	ND	2	U	ND	2	U	ND	2	U
DELTA-BHC	NA			NA			NA			NA			ND	4	UJ	ND	4	UJ	ND	4	UJ	ND	4	UJ
DIELDRIN	NA			NA			NA			NA			ND	2	U	ND	2	U	ND	2	U	ND	2	U
ENDOSULFAN I	NA			NA			NA			NA			ND	4	U	ND	4	U	ND	4	U	ND	4	U
ENDOSULFAN II	NA			NA			NA			NA			ND	4	U	ND	4	U	ND	4	U	ND	4	U
ENDOSULFAN SULFATE	NA			NA			NA			NA			ND	4	UJ	ND	4	UJ	ND	4	UJ	ND	4	UJ
ENDRIN	NA			NA			NA			NA			ND	4	U	ND	4	U	ND	4	U	ND	4	U
ENDRIN ALDEHYDE	NA			NA			NA			NA			ND	4	U	ND	4	U	ND	4	U	ND	4	U
ENDRIN KETONE	NA			NA			NA			NA			ND	2	UJ	ND	2	UJ	ND	2	UJ	ND	2	UJ
GAMMA-BHC (LINDANE)	NA			NA			NA			NA														

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

6 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 233, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB051			WHSSBA02			WHSSBA04			WHSSBA05			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06		
Sample ID	033WHSSS503			281WHSSS065			281WHSSS016			281WHSSS106			281WHSSS107			281WHSSS108			281WHSSS109			281WHSSS110		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	02/06/96			08/09/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	2.00 - 2.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.00			9.00 - 10.00			13.00 - 14.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in ug/Kg)																								
GAMMA-CHLORDANE	NA			NA			NA			NA			ND	2	J	ND	2	U	ND	2	U	ND	2	U
HEPTACHLOR	NA			NA			NA			NA			ND	2	UJ	ND	2	UJ	ND	2	UJ	ND	2	UJ
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			ND	2	U	ND	2	U	ND	2	U	ND	2	U
METHOXYCHLOR	NA			NA			NA			NA			ND	19	U	ND	21	U	ND	21	U	ND	22	U
TOXAPHENE	NA			NA			NA			NA			ND	190	U	ND	210	U	ND	210	U	ND	220	U
Explosives (in ug/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
HMX	NA			NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
RDX	NA			NA			NA			NA			NA			NA			NA			NA		
TETRYL	NA			NA			NA			NA			NA			NA			NA			NA		
Petroleum Indicators(in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	10,500	4.2		33,100 T	7.5		17,000	4.0		20,600	3.5		15,400	3.8		10,400	4.0		13,900	4.2		17,800	4.3	
ANTIMONY	0.64	0.38	J	2.8 BT	1.5	J	2.1 BT	0.52	J	0.69	0.45	J	0.87	0.49	J	1.3	0.52	J	ND	0.54	UJ	0.84	0.56	J
ARSENIC	4.5 *	0.33		17.7 *θ	1.3		6.7 *θ	0.59		ND	0.60	U	3.6 *	0.65		5.4 *	0.69		5.1 *	0.71		4.0 *	0.73	
BARIUM	198	0.070		182	2.0		256	0.070		19.6	0.060		460 T	0.070		177	0.070		316	0.080		435 T	0.080	
BERYLLIUM	ND	0.020	U	0.65 *T	0.043		0.19 *T	0.020		ND	0.020	U	ND	0.020	U	ND	0.020	U	0.33 T	0.030		0.13 T	0.030	
CADMIUM	ND	0.050	U	3.8 BT	0.12		ND	0.050	U	ND	0.040	U	ND	0.050	U	ND	0.050	U	ND	0.050	J	ND	0.050	U
CALCIUM	17,400	3.3	J	13,900	46.1		2,090	3.6		17,300	3.1		7,370	3.3		45,500	3.6		21,700	3.7		7,150	3.8	
CHROMIUM	34.9	0.090		72.3	0.80		38.6	0.44		14.9	0.39		47.3	0.42		32.6	0.45		28.9	0.46		34.9	0.47	
COBALT	15.1	0.090		22.7	0.49		15.1	0.12		23.5	0.11		23.9	0.12		13.1	0.12		16.5	0.13		13.2	0.13	
COPPER	30.8	0.12	J	105 BT#	0.68		39.8	0.20		67.1 BT	0.17		38.8 θ	0.19		24.5	0.20		27.3	0.20		24.4	0.21	
IRON	23,500	2.5		50,200	15.0		26,100	3.9		38,900	3.4		30,600	3.6		23,500	3.9		15,800	4.0		18,500	4.1	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

ς = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB051			WHSSBA02			WHSSBA04			WHSSBA05			WESSBA06			WHSSBA06			WESSBA05			WHSSBA06		
Sample ID	C33WHSSS503			281WHSSS085			281WHSSS015			281WHSSS106			281WHSSS107			281WHSSS108			281WHSSS109			281WHSSS110		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	02/06/96			08/09/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	2.00 - 2.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.00			9.00 - 10.00			13.00 - 14.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	5.6	0.19		66.4 #Θr	1.1		10.4	0.37	J	3.9	0.32		5.8	0.35		5.8	0.37		9.5	0.38		9.1	0.39	
MAGNESIUM	8,980	3.8		11,200	42.5		9,230	4.1		14,100	3.5		11,300	2.8		7,990	4.1		6,800	4.2		6,810	4.3	
MANGANESE	1,306 I	0.020		677	0.19		551	0.15	J	752	0.13		1,190 I	0.14		1,470 I	0.15		327	0.15		163	0.16	
MERCURY	0.14	0.060		0.35 #Γr	0.082		0.080	0.020		5.6 #ΘΓr	0.020		0.090	0.020		0.090	0.020		ND	0.060	U	ND	0.070	U
MOLYBDENUM	ND	0.14	U	5.2	1.1		ND	0.22	U	ND	0.19	UJ	ND	0.21	UJ	ND	0.22	UJ	ND	0.23	UJ	ND	0.24	UJ
NICKEL	68.4 #θ	0.16		94.7 #θ	0.99		54.3 #θ	0.82		16.5	0.71		74.5 #θ	0.76		50.8 θ	0.82		54.6 #θ	0.84		46.4 θ	0.87	
POTASSIUM	1,440	5.1	J	5,930	24.1		5,110	6.9	J	662	6.0	J	1,260	6.4	J	1,670	6.9	J	1,760	7.1	J	2,500	7.3	J
SELENIUM	ND	0.54	U	ND	1.9	U	ND	0.84	U	ND	0.73	U	ND	0.79	U	ND	0.84	U	ND	0.87	U	ND	0.89	U
SILVER	ND	0.12	U	ND	0.93	U	ND	0.15	U	ND	0.13	U	ND	0.14	U	ND	0.15	U	ND	0.15	U	ND	0.15	U
SODIUM	533	19.7	J	8,850	161		5,270	31.6	U	2,520	27.4	U	1,760	29.6	U	694	31.7		1,920	32.6	U	7,010	33.5	U
THALLIUM	ND	0.45	U	ND	0.24	U	ND	0.49	U	ND	0.43	U	ND	0.46	U	1.8 I	0.50		ND	0.51	U	ND	0.52	U
VANADIUM	59.2	0.090		109 I	0.68		61.9	0.15		83.0	0.13		80.0	0.14		56.6	0.15		56.2	0.15		60.0	0.15	
ZINC	54.2	0.23		568 #θΓr	0.49		69.3	0.070		83.9	0.060		74.7	0.070		57.1	0.070		48.3	0.080		47.0	0.080	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			NA			ND	13.0	UJ	ND	10.2	UJ	NA			NA			ND	12.5	UJ	NA		
TOTAL ORGANIC CARBON	NA			NA			265	100	J	316	100		NT	117	U	ND	124	U	ND	128	U	ND	127	U
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB051			WHSSBA02			WHSSBA04			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06			WHSSBA06		
Sample ID	033WHSSS503			281WHSSS085			281WHSSS015			281WHSSS106			281WHSSS107			281WHSSS108			281WHSSS109			281WHSSS110		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	02/06/96			08/09/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	2.00 - 2.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 2.00			4.50 - 5.00			9.00 - 10.00			13.00 - 14.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in ng/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			NA			25.0			5.0			NA			NA			NA			NA		
PERCENT SOLID	85.2			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	NA			8.05			8.2			7.8			8.2			7.5			8.2			8.8		

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA08			WHSSBB01			WHSSBB03			WHSSBB05			WHSSBB07			WHSSBC02			WHSSBC02			WHSSBC02		
Sample ID	281WHSSS025			281WHSSS042			281WHSSS017			281WHSSS049			281WHSSS018			281WHSSS047			281WHSSS088			281WHSSS089		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/21/95			07/19/95			07/24/95			07/19/95			07/21/95			08/11/95			08/11/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			ND	50	U
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
2-BUTANONE	NA			NA			NA			NA			NA			NA			NA			ND	50	J
2-HEXANONE	NA			NA			NA			NA			NA			NA			NA			ND	50	J
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			NA			ND	50	J
ACETONE	NA			NA			NA			NA			NA			NA			NA			ND	80	J
BENZENE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
BROMOFORM	NA			NA			NA			NA			NA			NA			NA			ND	50	U
BROMOMETHANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
CHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
CHLOROFORM	NA			NA			NA			NA			NA			NA			NA			ND	50	U
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
STYRENE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
TOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	50	U

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA08			WHSSBB01			WHSSBB03			WHSSBB05			WHSSBB07			WHSSBC02			WHSSBC02			WHSSBC02		
Sample ID	281WHSSS025			281WHSSS042			281WHSSS017			281WHSSS049			281WHSSS018			281WHSSS047			281WHSSS088			281WHSSS089		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/21/95			07/19/95			07/24/95			07/19/95			07/21/95			08/11/95			08/11/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			NA			ND	50	U
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			26	50	J
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
1,2,4-TRICHLOROBENZENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
1,2-DICHLOROBENZENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
1,3-DICHLOROBENZENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
1,4-DICHLOROBENZENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
1-METHYLNAPHTHALENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
1-METHYLPHENANTHRENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2,4,5-TRICHLOROPHENOL	NA			NA			ND	10,000	U	ND	5,300	U	ND	4,400	U	NA			ND	2,000	U	NA		
2,4,6-TRICHLOROPHENOL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2,4-DICHLOROPHENOL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2,4-DIMETHYLPHENOL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2,4-DINITROPHENOL	NA			NA			ND	10,000	U	ND	5,300	U	ND	4,400	U	NA			ND	2,000	U	NA		
2,4-DINITROTOLUENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2,6-DIMETHYLNAPHTHALENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2,6-DINITROTOLUENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2-CHLORONAPHTHALENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2-CHLOROPHENOL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2-METHYLNAPHTHALENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2-METHYLPHENOL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
2-NITROANILINE	NA			NA			ND	10,000	U	ND	5,300	U	ND	4,400	U	NA			ND	2,000	U	NA		
2-NITROPHENOL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
3,3'-DICHLOROBENZIDINE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
3-NITROANILINE	NA			NA			ND	10,000	U	ND	5,300	U	ND	4,400	U	NA			ND	2,000	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			ND	10,000	U	ND	5,300	U	ND	4,400	U	NA			ND	2,000	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
4-CHLOROANILINE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		

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Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA08			WESSBB01			WHSSBB03			WHSSBB05			WHSSBB07			WHSSBC02			WHSSBC02			WHSSBC02		
Sample ID	281WHSSS025			281WHSSS042			281WHSSS017			281WHSSS049			281WHSSS018			281WHSSS047			281WHSSS088			281WHSSS089		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/21/95			07/19/95			07/24/95			07/19/95			07/21/95			08/11/95			08/11/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
4-METEYLPHENOL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
4-NITROANILINE	NA			NA			ND	10,000	U	ND	5,300	U	ND	4,400	U	NA			ND	2,000	U	NA		
4-NITROPHENOL	NA			NA			ND	10,000	U	ND	5,300	U	ND	4,400	U	NA			ND	2,000	U	NA		
ACENAPHTHENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
ACENAPHTHYLENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
ANTHRACENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
BENZO(A)ANTHRACENE	NA			NA			ND	4,200	U	ND	2,100	U	150	1,800	J	NA			ND	790	U	NA		
BENZO(A)PYRENE	NA			NA			ND	4,200	U	270 *	2,100	J	190 *	1,800	J	NA			ND	790	U	NA		
BENZO(B)FLUORANTHENE	NA			NA			ND	4,200	U	300	2,100	J	250	1,800	J	NA			ND	790	U	NA		
BENZO(E)PYRENE	NA			NA			ND	4,200	U	240	2,100	J	170	1,800	J	NA			ND	790	U	NA		
BENZO(G,H,I)PERYLENE	NA			NA			ND	4,200	U	230	2,100	J	180	1,800	J	NA			ND	790	U	NA		
BENZO(K)FLUORANTHENE	NA			NA			ND	4,200	U	300	2,100	J	210	1,800	J	NA			2,300	2,000	J	NA		
BENZOIC ACID	NA			NA			ND	10,000	U	ND	5,300	U	ND	4,400	U	NA			ND	790	U	NA		
BENZYL ALCOHOL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
BUTYLBENZYLPHTHALATE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
CARBAZOLE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
CHRYSENE	NA			NA			ND	4,200	U	360	2,100	J	300	1,800	J	NA			ND	790	U	NA		
DI-N-BUTYLPHTHALATE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
DI-N-OCTYLPHTHALATE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
DIBENZOFURAN	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
DIBENZOTHIOPHENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
DIETHYLPHTHALATE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
DIMETHYLPHTHALATE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
FLUORANTHENE	NA			NA			200	4,200	J	430	2,100	J	310	1,800	J	NA			ND	790	U	NA		
FLUORENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
HEXACHLOROBENZENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
HEXACHLOROBUTADIENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			ND	4,200	UJ	ND	2,100	J	ND	1,800	U	NA			ND	790	UJ	NA		
HEXACHLOROETHANE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	J	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA06			WHSSBB01			WHSSBB03			WHSSBB05			WHSSBB07			WHSSBC02			WHSSBC02			WHSSBC02		
Sample ID	281WHSSS025			281WHSSS042			281WHSSS017			281WHSSS049			281WHSSS018			281WHSSS047			281WHSSS038			281WHSSS089		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/21/95			07/19/95			07/24/95			07/19/95			07/21/95			08/11/95			08/11/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	NA			NA			ND	4,200	U	ND	2,100	U	140	1,800	J	NA			ND	790	U	NA		
ISOPHORONE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
NAPETHALENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
NITROBENZENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
PENTACHLOROPHENOL	NA			NA			ND	10,000	U	ND	5,300	U	ND	4,400	U	NA			ND	2,000	U	NA		
PERYLENE	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
PHENANTHRENE	NA			NA			ND	4,200	U	ND	2,100	U	200	1,800	J	NA			ND	790	U	NA		
PHENOL	NA			NA			ND	4,200	U	ND	2,100	U	ND	1,800	U	NA			ND	790	U	NA		
PYRENE	NA			NA			200	4,200	J	480	2,100	J	290	1,800	J	NA			ND	790	U	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	4,200	U
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	4,200	U
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2-METEYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
2-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			ND	4,200	U
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
3-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			ND	4,200	U
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	4,200	U
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 285, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA08			WHSSBE01			WHSSBB03			WHSSBB05			WHSSBB07			WHSSBC02			WHSSBC02			WHSSBC02		
Sample ID	281WHSSS025			281WHSSS042			281WHSSS017			281WHSSS049			281WHSSS013			281WHSSS047			281WHSSS088			281WHSSS089		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/21/95			07/19/95			07/24/95			07/19/95			07/21/95			08/11/95			08/11/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in ug/kg)																								
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
4-METHYLPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
4-NITROANILINE	NA			NA			NA			NA			NA			NA			NA			ND	4,200	U
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	4,200	U
ACENAPHTEENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
ANTHRACENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
BENZO(A)ANTERACENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
CARBAZOLE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
CERYSENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
DIBENZ(A,H)ANTERACENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
FLUORANTHENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
FLUORENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
ISOPHORONE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

∂ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA08			WHSSBB01			WHSSBB03			WESSBB05			WHSSBB07			WHSSBC02			WESSBC02			WHSSBC02		
Sample ID	281WHSSS025			281WHSSS042			281WHSSS017			281WESSS049			281WESSS018			281WHSSSC47			281WHSSS088			281WHSSS089		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/21/95			07/19/95			07/24/95			07/19/95			07/21/95			08/11/95			08/11/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
NAPHTHALENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			NA			ND	4,200	U
PHENANTHRENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
PHENOL	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
PYRENE	NA			NA			NA			NA			NA			NA			NA			ND	1,700	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			0.5	0.3	C	ND	0.3	U	1	0.1	J	NA			ND	0.6	U	NA		
2,4'-DDE	NA			NA			ND	0.3	U	ND	0.3	U	0.4	0.1		NA			ND	0.6	U	NA		
2,4'-DDT	NA			NA			ND	0.3	U	ND	0.3	U	0.5	0.1	J	NA			ND	0.6	U	NA		
4,4'-DDD	NA			NA			1	0.3		0.9	0.3	J	3.9	0.1		NA			ND	0.6	U	NA		
4,4'-DDE	NA			NA			1	0.3		0.9	0.3		0.8	0.1		NA			ND	0.6	U	NA		
4,4'-DDT	NA			NA			ND	0.3	U	ND	0.3	U	0.8	0.1	C	NA			ND	0.6	U	NA		
ALDRIN	NA			NA			ND	0.3	U	ND	0.3	U	0.4	0.1		NA			ND	0.6	U	NA		
ALPHA-CHLORDANE	NA			NA			0.7 θ	0.3	J	1 θ	0.3	J	3.8	0.1	C	NA			ND	0.6	U	NA		
DIELDRIN	NA			NA			ND	0.3	U	ND	0.3	U	0.7 θ	0.1		NA			ND	0.6	U	NA		
GAMMA-BHC (LINDANE)	NA			NA			ND	0.3	U	ND	0.3	U	ND	0.1	U	NA			ND	0.6	U	NA		
HEPTACHLOR	NA			NA			ND	0.3	U	ND	0.3	U	ND	0.1	U	NA			ND	0.6	U	NA		
HEPTACHLOR EPOXIDE	NA			NA			ND	0.3	U	ND	0.3	U	ND	0.1	U	NA			ND	0.6	U	NA		
HEXACHLOROBENZENE	NA			NA			ND	0.3	U	ND	0.3	U	0.4	0.1	J	NA			ND	0.6	U	NA		
MIREX	NA			NA			ND	0.3	U	ND	0.3	U	0.5	0.1	J	NA			ND	0.6	U	NA		
PCB-101 (2,2',3,5,5')	NA			NA			ND	0.3	U	0.2	0.3	J	0.7	0.1	J	NA			ND	0.6	U	NA		
PCB-105 (2,3,3',4,4')	NA			NA			ND	0.3	U	ND	0.3	U	0.5	0.1		NA			1	0.6		NA		
PCB-118 (2,3',4,4',5)	NA			NA			ND	0.3	U	0.2	0.3	J	0.3	0.1	J	NA			ND	0.6	U	NA		
PCB-126 (3,3',4,4',5)	NA			NA			ND	0.3	U	ND	0.3	U	0.6	0.1	J	NA			ND	0.6	U	NA		
PCB-128 (2,2',3,3',4,4')	NA			NA			ND	0.3	U	ND	0.3	U	0.3	0.1	J	NA			ND	0.6	U	NA		
PCB-138 (2,2',3,4,4',5')	NA			NA			0.2	0.3	J	1	0.3	J	2	0.1	J	NA			ND	0.6	U	NA		
PCB-153 (2,2',4,4',5,5')	NA			NA			ND	0.3	U	1	0.3		1	0.1	J	NA			ND	0.6	U	NA		
PCB-170 (2,2',3,3',4,4',5)	NA			NA			ND	0.3	U	0.7	0.3		0.5	0.1	J	NA			ND	0.6	U	NA		
PCB-18 (2,2',5)	NA			NA			ND	0.3	U	ND	0.3	U	ND	0.1	U	NA			ND	0.6	U	NA		
PCB-180 (2,2',3,4,4',5,5')	NA			NA			ND	0.3	U	1	0.3		1	0.1	J	NA			ND	0.6	U	NA		
PCB-187 (2,2',3,4',5,5',6)	NA			NA			ND	0.3	U	0.6	0.3		0.7	0.1	J	NA			ND	0.6	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA08			WHSSBB01			WHSSBB03			WHSSBB05			WHSSBB07			WHSSBC02			WHSSBC02			WHSSBC02		
Sample ID	281WHSSS025			281WHSSS042			281WHSSS017			281WHSSS049			281WHSSS018			281WHSSS047			281WHSSS088			281WHSSS089		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/21/95			07/19/95			07/24/95			07/19/95			07/21/95			08/11/95			08/11/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			ND	0.3	U	ND	0.3	U	0.2	0.1	J	NA			1	0.6		NA		
PCB-206 (2,2,',3,3',4,4',5,5',	NA			NA			ND	0.3	U	ND	0.3	U	0.3	0.1		NA			0.4	0.6		NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			ND	0.3	U	ND	0.3	U	ND	0.1	U	NA			ND	0.6	U	NA		
PCB-28 (2,4,4')	NA			NA			ND	0.3	U	ND	0.3	U	ND	0.1	U	NA			ND	0.6	U	NA		
PCB-44 (2,2',3,5')	NA			NA			0.7	0.3	J	ND	0.3	U	0.2	0.1	J	NA			ND	0.6	UJ	NA		
PCB-52 (2,2',5,5')	NA			NA			0.3	0.3	J	ND	0.3	U	0.2	0.1		NA			ND	0.6	U	NA		
PCB-66 (2,3',4,4')	NA			NA			ND	0.3	U	ND	0.3	U	ND	0.1	U	NA			ND	0.6	U	NA		
PCB-77 (3,3',4,4')	NA			NA			ND	0.3	U	ND	0.3	U	0.3	0.1		NA			ND	0.6	U	NA		
PCB-8 (2,4')	NA			NA			ND	0.3	U	ND	0.3	U	ND	0.1	U	NA			ND	0.6	U	NA		
TRANS-NONACHLOR	NA			NA			0.5	0.3	J	0.9	0.3	J	2	0.1		NA			ND	0.6	U	NA		
Pesticides/PCBs (in µg/kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			ND	17	U
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			ND	17	U
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			ND	17	U
ALDRIN	NA			NA			NA			NA			NA			NA			NA			ND	8	U
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			ND	8	U
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			ND	8	U
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			ND	170	U
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			ND	330	U
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			ND	170	U
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			ND	170	U
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			ND	170	U
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			ND	170	U
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			ND	170	U
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			ND	8	U
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			ND	8	U
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			ND	17	U
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			ND	8	U
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			ND	17	U
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			ND	17	U
ENDRIN	NA			NA			NA			NA			NA			NA			NA			ND	17	U
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			ND	17	U
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			ND	8	U
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA					

Notes: Detected concentrations are shaded.

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Ŧ = Detected concentrations greater than the ambient metals concentrations in soils.

ø = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA08			WHSSBB01			WHSSBB03			WHSSBB05			WHSSBB07			WHSSBC02			WHSSBC02			WHSSBC02		
Sample ID	281WHSSS025			281WHSSS042			281WHSSS017			281WHSSS049			281WHSSS018			281WHSSS047			281WHSSS038			281WHSSS089		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/21/95			07/19/95			07/24/95			07/19/95			07/21/95			08/11/95			08/11/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			ND	8	U
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			ND	8	U
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			ND	8	U
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			ND	83	U
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA			ND	830	U
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
HMX	NA			NA			NA			NA			NA			NA			NA			ND	120	U
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
RDX	NA			NA			NA			NA			NA			NA			NA			ND	120	U
TETRYL	NA			NA			NA			NA			NA			NA			NA			ND	120	UJ
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	32,200 Γ	6.7		13,600	4.1		11,600	4.5		28,000 Γ	10.5		15,300	4.6		17,600	16.5		NA			5,420	16.1	
ANTIMONY	2.5 θΓ	0.86	J	ND	0.95	U	1.8 Γ	0.58	J	ND	1.4	UJ	3.7 θΓ	0.59	J	ND	2.5	U	NA			ND	2.1	U
ARSENIC	14.9 *θ	1.1		5.4 *	0.71		6.8 *	0.78		9.8 *θ	1.8	J	7.2 *	0.78		22.4 *θ	2.8		NA			3.7 *	2.8	
BARIUM	116	0.12		297	0.080		250	0.080		70.2	0.19		75.6	0.080		62.0	0.30		NA			29.9	0.30	
BERYLLIUM	0.060	0.040		ND	0.19	U	0.10	0.030		ND	0.060	U	ND	0.030	U	ND	0.10	U	NA			ND	0.10	U
CADMIUM	ND	0.080	U	ND	0.050	U	ND	0.060	J	ND	0.13	U	ND	0.060	U	ND	0.20	U	NA			ND	0.20	U
CALCIUM	4,330	5.9		2,920	3.7	J	2,980	4.9		5,370	9.3		5,800	4.0		5,630	14.5	J	NA			5,680	14.2	
CHROMIUM	100 θΓ	0.74		23.8	0.46		21.6	0.50		76.0	1.2	J	43.4	0.50		53.4	1.8		NA			35.9	1.8	
COBALT	23.6	0.20		11.9	0.13		12.6	0.14		15.3	0.32		16.8	0.14		7.2	0.51		NA			2.8	0.49	
COPPER	70.8 θΓ	0.33		16.7	0.20		22.5	0.22		65.1 θΓ	0.52	J	52.5 θΓ	0.22		59.1 θΓ	0.81		NA			14.5	0.79	
IRON	47,800	6.4		16,500	4.0		19,900	4.4		37,800	10.1	J	37,200	4.4		22,100	15.9		NA			19,100	15.5	J

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA08			WHSSBB01			WHSSBB03			WHSSBB05			WHSSBB07			WHSSBC02			WHSSBC02			WHSSBC02		
Sample ID	281WHSSS025			281WHSSS042			281WHSSS017			281WHSSS049			281WHSSS018			281WHSSS047			281WHSSS088			281WHSSS089		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/21/95			07/19/95			07/24/95			07/19/95			07/21/95			08/11/95			08/11/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	40.9	0.61	J	8.8	0.38		15.3	0.42	J	46.4	0.97	J	68.3 θΓc	0.42	J	175 *θΓc	1.5		NA			5.8	1.5	
MAGNESIUM	16,200	6.7		7,470	4.2		6,710	4.6		14,000	10.5		10,600	4.6		9,940	16.6		NA			12,000	16.2	
MANGANESE	943 Γ	0.25	J	496	0.15	c	354	0.17	J	285	0.39		234	0.17	J	164	0.61	J	NA			135	0.59	
MERCURY	0.44 θΓc	0.040		0.060	0.030		0.080	0.030		0.82 #θΓc	0.060	J	0.38 θ	0.030		0.39 θΓc	0.10		NA			ND	0.25	U
MOLYBDENUM	ND	0.37	U	ND	0.23	U	ND	0.25	U	ND	1.0	U	0.57	0.25		ND	1.8	U	NA			2.1	0.89	
NICKEL	95.5 #θ	1.4		30.8 θ	0.84		37.7 θ	0.92		69.2 #θ	2.1		54.8 θ	0.92		56.8 #θ	3.3		NA			25.5 θ	3.3	
POTASSIUM	4,700	11.4	J	3,830	7.1	J	3,580	7.7	J	4,200	17.9	J	1,870	7.8	c	3,690	28.1	J	NA			4,240	27.4	J
SELENIUM	ND	1.4	U	ND	0.86	U	ND	0.95	U	ND	2.2	U	ND	0.95	U	ND	3.4	U	NA			4.8 #θΓc	3.3	
SILVER	ND	0.25	U	ND	0.15	U	ND	0.17	U	ND	0.39	U	ND	0.17	U	ND	0.61	U	NA			ND	0.59	U
SODIUM	2,840	52.4		5,820	32.5	J	4,340	35.6	J	2,420	32.5	J	1,370	35.7		10,300	128	J	NA			45,600	128	J
THALLIUM	ND	0.82	U	ND	0.51	c	ND	0.56	U	ND	1.3	U	ND	0.56	U	ND	2.0	c	NA			ND	2.0	c
VANADIUM	102 Γ	0.25		41.2	0.15		59.9	0.17		92.8 Γ	0.39		69.2 Γ	0.17		99.7 Γ	0.61		NA			50.2	0.59	
ZINC	281 θΓc	0.12		53.0	0.080		198 θΓc	0.080		259 θΓc	0.19		294 θΓc	0.080		338 θΓc	0.30		NA			72.4	0.30	J
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			NA			741	1.0	J	384	1.0		ND 58,800	14.0	UJ	NA			ND 271,000	47.1	UJ	ND 329,000	63.3	UJ
TOTAL ORGANIC CARBON	NA			NA			56,100	100	J	66,500	100			100	J	NA				100			100	
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA03			WHSSBB01			WHSSBB03			WHSSBB05			WHSSBB07			WHSSBC02			WHSSBC02			WHSSBC02		
Sample ID	281WHSSS025			281WHSSS042			281WHSSSC17			281WHSSS049			281WHSSS018			281WHSSS047			281WHSSS088			281WHSSS089		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/21/95			07/19/95			07/24/95			07/19/95			07/21/95			08/11/95			08/11/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.30 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in ng/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			NA			69.0			69.0			28.0			NA			79.0			NA		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	6.7			8.8			7.8			7.5			6.9			6.5			NA			7		

Notes: Detected concentrations are shaded.

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBC02			WHSSBC02			WHSSBC04			WHSSBC06			WHSSBC08			WHSSBD01			WHSSBD03			WHSSBD03		
Sample ID	281WHSSS090			281WHSSS091			281WHSSS043			281WHSSS075			281WHSSS020			281WHSSS044			281WHSSS059			281WHSSS060		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/11/95			08/11/95			07/21/95			08/09/95			07/19/95			07/21/95			07/25/95			07/26/95		
Sample Depth (in feet)	4.00 - 5.50			8.80 - 10.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
1,1,2,2-TETRACHLOROETHANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
1,1,2-TRICHLOROETHANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
1,1-DICHLOROETHANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
1,1-DICHLOROETHENE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
1,2-DICHLOROETHANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
1,2-DICHLOROETHENE (TOTAL)	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
1,2-DICHLOROPROPANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
2-BUTANONE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	110	U
2-HEXANONE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
4-METHYL-2-PENTANONE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
ACETONE	ND	120	U	ND	110	U	NA			NA			NA			NA			NA			ND	490	U
BENZENE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
BROMODICHLOROMETHANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
BROMOFORM	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
BROMOMETHANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
CARBON DISULFIDE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
CARBON TETRACHLORIDE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
CHLOROBENZENE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
CHLOROETHANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
CHLOROFORM	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
CHLOROMETHANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
CIS-1,3-DICHLOROPROPENE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
DIBROMOCHLOROMETHANE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
ETHYLBENZENE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
METHYLENE CHLORIDE	ND	58	U	ND	59	U	NA			NA			NA			NA			NA			ND	88	U
STYRENE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
TETRACHLOROETHENE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
TOLUENE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Wood Hogger Site (Site 11)

Point ID	WHSSBC02			WHSSBC02			WHSSBC04			WHSSBC06			WHSSBC08			WHSSBD01			WHSSBD03			WHSSBD03		
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Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/11/95			08/11/95			07/21/95			08/09/95			07/19/95			07/21/95			07/25/95			07/26/95		
Sample Depth (in feet)	4.00 - 5.50			8.80 - 10.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
TRICHLOROETHENE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
VINYL CHLORIDE	ND	56	U	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
XYLENE (TOTAL)	54	56	J	ND	59	U	NA			NA			NA			NA			NA			ND	56	U
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
1,2,4-TRICHLOROBENZENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
1,2-DICHLOROBENZENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
1,3-DICHLOROBENZENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
1,4-DICHLOROBENZENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
1-METHYLNAPHTHALENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
1-METHYLPHENANTHRENE	NA			NA			NA			350	190		ND	850	U	ND	160	U	ND	590	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			ND	470	U	ND	2,100	U	ND	410	U	ND	1,500	U	NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2,4-DICHLOROPHENOL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2,4-DINITROPHENOL	NA			NA			NA			ND	470	U	ND	2,100	U	NA			ND	1,500	U	NA		
2,4-DINITROTOLUENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2,6-DIMETHYLNAPHTHALENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2,6-DINITROTOLUENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2-CHLORONAPHTHALENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2-CHLOROPHENOL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2-METHYLNAPHTHALENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2-METHYLPHENOL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
2-NITROANILINE	NA			NA			NA			ND	470	U	ND	2,100	U	ND	410	U	ND	1,500	U	NA		
2-NITROPHENOL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
3-NITROANILINE	NA			NA			NA			ND	470	U	ND	2,100	U	ND	410	U	ND	1,500	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			ND	470	U	ND	2,100	U	ND	410	U	ND	1,500	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
4-CHLOROANILINE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Wood Hogger Site (Site 11)

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Sample ID	281WHSSS090			281WHSSS091			281WHSSS043			281WESSS075			281WHSSS020			281WHSSD044			281WHSSS059			281WHSSS060		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/11/95			08/11/95			07/21/95			08/09/95			07/19/95			07/21/95			07/25/95			07/26/95		
Sample Depth (in feet)	4.00 - 5.50			8.80 - 10.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
4-METHYLPHENOL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
4-NITROANILINE	NA			NA			NA			ND	470	U	ND	2,100	U	ND	410	U	ND	1,500	U	NA		
4-NITROPHENOL	NA			NA			NA			ND	470	U	ND	2,100	U	ND	410	U	ND	1,500	U	NA		
ACENAPHTHENE	NA			NA			NA			280 θ	190		ND	850	U	ND	160	U	ND	590	U	NA		
ACENAPHTHYLENE	NA			NA			NA			270 θ	190		ND	850	U	ND	160	U	ND	590	U	NA		
ANTHRACENE	NA			NA			NA			2,300 #θ	1,900		ND	850	U	ND	160	U	ND	590	U	NA		
BENZO(A)ANTHRACENE	NA			NA			NA			3,800 *#θ	1,900		33	850	J	20	160	J	62	590	J	NA		
BENZO(A)PYRENE	NA			NA			NA			2,700 *#θ	1,900		37	850	J	20	160	J	75 *	590	J	NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			3,100 *	1,900		50	850	J	33	160	J	99	590	J	NA		
BENZO(E)PYRENE	NA			NA			NA			2,400	1,900		ND	850	U	33	160	J	75	590	J	NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			1,100	190		ND	850	U	29	160	J	77	590	J	NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			3,400 *	1,900		45	850	J	22	160	J	72	590	J	NA		
BENZOIC ACID	NA			NA			NA			ND	470	UJ	ND	2,100	UJ	ND	410	UJ	350	1,500	J	NA		
BENZYL ALCOHOL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			ND	260	U	ND	850	U	ND	160	U	ND	590	U	NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
CARBAZOLE	NA			NA			NA			880	190		ND	850	U	ND	160	U	ND	590	U	NA		
CHRYSENE	NA			NA			NA			5,400 *#	1,900		54	850	J	32	160	J	130	590	J	NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			600 *##	190		ND	850	U	ND	160	U	ND	590	U	NA		
DIBENZOFURAN	NA			NA			NA			170	190	J	ND	850	U	ND	160	U	ND	590	U	NA		
DIBENZOTHIOPHENE	NA			NA			NA			170	190	J	ND	850	U	ND	160	U	ND	590	U	NA		
DIETHYLPHTHALATE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
DIMETHYLPHTHALATE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
FLUORANTHENE	NA			NA			NA			14,000 #θ	1,900		89	850	J	39	160	J	140	590	J	NA		
FLUORENE	NA			NA			NA			350 θ	190		ND	850	U	ND	160	U	ND	590	U	NA		
HEXACHLOROBENZENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
HEXACHLOROBUTADIENE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			ND	190	UJ	ND	850	UJ	ND	160	UJ	NA			NA		
HEXACHLOROETHANE	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		

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Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/11/95			08/11/95			07/21/95			08/09/95			07/19/95			07/21/95			07/25/95			07/26/95		
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	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/kg)																								
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			1,200 *	190		ND	850	J	20	160	J	ND	590	U	NA		
ISOPHORONE	NA			NA			NA			ND	190	U	ND	850	J	ND	160	U	ND	590	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			ND	190	J	ND	850	J	ND	160	U	ND	590	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			ND	190	J	ND	850	J	ND	160	U	ND	590	U	NA		
NAPHTHALENE	NA			NA			NA			ND	190	J	ND	850	J	ND	160	U	ND	590	U	NA		
NITROBENZENE	NA			NA			NA			ND	190	J	ND	850	U	ND	160	U	ND	590	U	NA		
PENTACHLOROPHENOL	NA			NA			NA			780	470	J	ND	2,100	U	ND	410	U	NA			NA		
PERYLENE	NA			NA			NA			860	190		ND	850	U	ND	160	U	ND	590	U	NA		
PHENANTHRENE	NA			NA			NA			3,000 ##	1,900		45	850	J	ND	160	U	ND	67	JJ	NA		
PHENOL	NA			NA			NA			ND	190	U	ND	850	U	ND	160	U	ND	590	U	NA		
PYRENE	NA			NA			NA			13,000 ##	1,900		80	850	J	34	160	J	130	590	J	NA		
Semivolatiles (in µg/kg)																								
1,2,4-TRICHLOROBENZENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
1,2-DICHLOROBENZENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
1,3-DICHLOROBENZENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
1,4-DICHLOROBENZENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2,4,5-TRICHLOROPHENOL	ND	4,600	U	ND	4,900	U	NA			NA			NA			NA			NA			ND	4,600	U
2,4,6-TRICHLOROPHENOL	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2,4-DICHLOROPHENOL	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2,4-DIMETHYLPHENOL	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2,4-DINITROPHENOL	ND	4,600	U	ND	4,900	U	NA			NA			NA			NA			NA			ND	4,600	U
2,4-DINITROTOLUENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2,6-DINITROTOLUENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2-CHLORONAPHTHALENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2-CHLOROPHENOL	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2-METHYLNAPHTHALENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2-METHYLPHENOL	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
2-NITROANILINE	ND	4,600	U	ND	4,900	U	NA			NA			NA			NA			NA			ND	4,600	U
2-NITROPHENOL	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
3,3'-DICHLOROBENZIDINE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
3-NITROANILINE	ND	4,600	U	ND	4,900	U	NA			NA			NA			NA			NA			ND	4,600	U
4,6-DINITRO-2-METHYLPHENOL	ND	4,600	U	ND	4,900	U	NA			NA			NA			NA			NA			ND	4,600	U
4-BROMOPHENYL-PHENYLETHER	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBC02			WHSSBC02			WHSSBC04			WHSSBC06			WHSSBC08			WHSSBD01			WHSSBD03			WHSSBD03		
Sample ID	281WHSSSC90			281WHSSS091			281WHSSSC43			281_WHSSS075			281WHSSS020			281WHSSS044			281WHSSS059			281WHSSS050		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/11/95			08/11/95			07/21/95			08/09/95			07/19/95			07/21/95			07/25/95			07/26/95		
Sample Depth (in feet)	4.00 - 5.50			8.80 - 10.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-CHLORO-3-METHYLPHENOL	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
4-CHLOROANILINE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
4-CHLOROPHENYL-PHENYLETHER	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
4-METHYLPHENOL	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
4-NITROANILINE	ND	4,600	U	ND	4,900	U	NA			NA			NA			NA			NA			ND	4,600	U
4-NITROPHENOL	ND	4,600	U	ND	4,900	U	NA			NA			NA			NA			NA			ND	4,600	U
ACENAPHTHENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
ACENAPHTHYLENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
ANTHRACENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
BENZO(A)ANTHRACENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
BENZO(A)PYRENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
BENZO(B)FLUORANTHENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
BENZO(G,H,I)PERYLENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
BENZO(K)FLUORANTHENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
BIS(2-CHLOROETHOXY)METHANE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
BIS(2-CHLOROETHYL)ETHER	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
BUTYLBENZYLPHTHALATE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
CARBAZOLE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
CHRYSENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
DI-N-BUTYLPHTHALATE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
DI-N-OCTYLPHTHALATE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
DIBENZ(A,H)ANTHRACENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
DIBENZOFURAN	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
DIETHYLPHTHALATE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
DIMETHYLPHTHALATE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
FLUORANTHENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
FLUORENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
HEXACHLOROBENZENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
HEXACHLOROBUTADIENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
HEXACHLOROCYCLOPENTADIENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
HEXACHLOROETHANE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
INDENO(1,2,3-CD)PYRENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
ISOPHORONE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBC02			WHSSBC02			WHSSBC04			WHSSBC05			WHSSBC06			WHSSBD01			WHSSBD03			WHSSBD03		
Sample ID	281WHSSS090			281WHSSS091			281WHSSS043			281WHSSS075			281WHSSS020			281WHSSS044			281WHSSS039			281WHSSS060		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/11/95			08/11/95			07/21/95			08/09/95			07/19/95			07/21/95			07/25/95			07/26/95		
Sample Depth (in feet)	4.00 - 5.50			8.80 - 10.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
N-NITROSODIPHENYLAMINE (1)	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
NAPHTHALENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
NITROBENZENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
PENTACHLOROPHENOL	ND	4,600	U	ND	4,900	U	NA			NA			NA			NA			NA			ND	4,600	U
PHENANTHRENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
PHENOL	1,500	1,900	J	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
PYRENE	ND	1,900	U	ND	2,000	U	NA			NA			NA			NA			NA			ND	1,900	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			NA			1	0.2		0.7	0.2	J	ND	0.1	U	5	0.7	J	NA		
2,4'-DDE	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
2,4'-DDT	NA			NA			NA			0.3	0.2		0.5	0.2	J	0.2	0.1	J	ND	0.7	U	NA		
4,4'-DDD	NA			NA			NA			0.5	0.2		1	0.2		0.2	0.1	J	6 θ	0.7		NA		
4,4'-DDE	NA			NA			NA			0.3	0.2		1	0.2		0.3	0.1		3 θ	0.7		NA		
4,4'-DDT	NA			NA			NA			0.3	0.2		2 θ	0.2	J	0.6	0.1		ND	0.7	U	NA		
ALDRIN	NA			NA			NA			ND	0.2	J	0.4	0.2		ND	0.1	U	ND	0.7	U	NA		
ALPHA-CHLORDANE	NA			NA			NA			0.2	0.2		0.7 θ	0.2		0.3	0.1		2 θ	0.7	J	NA		
DIELDRIN	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
HEPTACHLOR	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
HEXACHLOROBENZENE	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
MIREX	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
PCB-101 (2,2',3,5,5')	NA			NA			NA			ND	0.2	U	0.2	0.2	J	ND	0.1	U	0.8	0.7	J	NA		
PCB-105 (2,3,3',4,4')	NA			NA			NA			ND	0.2	U	0.3	0.2	J	ND	0.1	U	ND	0.7	U	NA		
PCB-118 (2,3',4,4',5)	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	1	0.7		NA		
PCB-126 (3,3',4,4',5)	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
PCB-128 (2,2',3,3',4,4')	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
PCB-138 (2,2',3,4,4',5')	NA			NA			NA			0.3	0.2		0.5	0.2	J	ND	0.1	U	2	0.7	J	NA		
PCB-153 (2,2',4,4',5,5')	NA			NA			NA			ND	0.2	U	0.4	0.2	J	ND	0.1	U	ND	0.7	U	NA		
PCB-170 (2,2',3,3',4,4',5)	NA			NA			NA			0.6	0.2		ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
PCB-18 (2,2',5)	NA			NA			NA			ND	0.2	U	0.2	0.2	J	ND	0.1	U	ND	0.7	U	NA		
PCB-180 (2,2',3,4,4',5,5')	NA			NA			NA			ND	0.2	U	0.3	0.2	J	ND	0.1	U	2	0.7		NA		
PCB-187 (2,2',3,4',5,5',6)	NA			NA			NA			ND	0.2	U	0.1	0.2	J	ND	0.1	U	0.5	0.7	J	NA		

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBC02			WHSSBC02			WESSBC04			WESSBC06			WHSSBC08			WHSSBD01			WHSSBD03			WHSSED03		
Sample ID	281WHSSS090			281WHSSS091			281WESSS043			281WHSSS075			281WHSSS020			281WHSSS044			281WHSSS059			281WHSSS060		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/11/95			08/11/95			07/21/95			08/05/95			07/19/95			07/21/95			07/25/95			07/26/95		
Sample Depth (in feet)	4.00 - 5.50			8.80 - 10.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
PCB-206 (2,2',3,3',4,4',5,5',	NA			NA			NA			0.3	0.2	J	0.2	0.2	J	ND	0.1	U	ND	0.7	U	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
PCB-28 (2,4,4')	NA			NA			NA			ND	0.2	U	0.2	0.2	J	ND	0.1	U	ND	0.7	U	NA		
PCB-44 (2,2',3,5')	NA			NA			NA			0.4	0.2	J	0.3	0.2	J	ND	0.1	U	ND	0.7	U	NA		
PCB-52 (2,2',5,5')	NA			NA			NA			ND	0.2	U	0.2	0.2	J	ND	0.1	U	ND	0.7	U	NA		
PCB-66 (2,3',4,4')	NA			NA			NA			0.2	0.2	J	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
PCB-77 (3,3',4,4')	NA			NA			NA			ND	0.2	U	0.1	0.2	J	ND	0.1	U	ND	0.7	U	NA		
PCB-8 (2,4')	NA			NA			NA			ND	0.2	U	ND	0.2	U	ND	0.1	U	ND	0.7	U	NA		
TRANS-NONACHLOR	NA			NA			NA			0.3	0.2	J	1	0.2	J	0.2	0.1	J	2	0.7	J	NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	ND	19	U	ND	20	U	NA			NA			NA			NA			NA			ND	19	U
4,4'-DDE	ND	19	U	ND	20	U	NA			NA			NA			NA			NA			ND	19	U
4,4'-DDT	ND	19	U	ND	20	U	NA			NA			NA			NA			NA			ND	19	U
ALDRIN	ND	9	U	ND	10	U	NA			NA			NA			NA			NA			ND	9	U
ALPHA-BHC	ND	9	U	ND	10	U	NA			NA			NA			NA			NA			ND	9	U
ALPHA-CHLORDANE	ND	9	U	ND	10	U	NA			NA			NA			NA			NA			ND	190	J
AROCLOR-1016	ND	190	U	ND	200	U	NA			NA			NA			NA			NA			ND	370	J
AROCLOR-1221	ND	370	U	ND	390	U	NA			NA			NA			NA			NA			ND	190	U
AROCLOR-1232	ND	190	U	ND	200	U	NA			NA			NA			NA			NA			ND	190	U
AROCLOR-1242	ND	190	U	ND	200	U	NA			NA			NA			NA			NA			ND	190	U
AROCLOR-1248	ND	190	U	ND	200	U	NA			NA			NA			NA			NA			ND	190	U
AROCLOR-1254	ND	190	U	ND	200	U	NA			NA			NA			NA			NA			ND	190	U
AROCLOR-1260	ND	190	U	ND	200	U	NA			NA			NA			NA			NA			ND	9	U
BETA-BHC	ND	9	U	ND	10	U	NA			NA			NA			NA			NA			ND	9	U
DELTA-BHC	ND	9	U	ND	10	U	NA			NA			NA			NA			NA			ND	19	U
DIELDRIN	ND	19	U	ND	20	U	NA			NA			NA			NA			NA			ND	9	U
ENDOSULFAN I	ND	9	U	ND	10	U	NA			NA			NA			NA			NA			ND	19	U
ENDOSULFAN II	ND	19	U	ND	20	U	NA			NA			NA			NA			NA			ND	19	U
ENDOSULFAN SULFATE	ND	19	U	ND	20	U	NA			NA			NA			NA			NA			ND	19	U
ENDRIN	ND	19	U	ND	20	U	NA			NA			NA			NA			NA			ND	19	U
ENDRIN ALDEHYDE	ND	19	U	ND	20	U	NA			NA			NA			NA			NA			ND	19	U
ENDRIN KETONE	ND	19	U	ND	20	U	NA			NA			NA			NA			NA			ND	9	U
GAMMA-BHC (LINDANE)	ND	9	U	ND	10	U	NA			NA			NA			NA			NA			ND	9	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBC02			WHSSBC02			WHSSBC04			WHSSBC06			WHSSBC08			WHSSBD01			WHSSBD03			WHSSBD03		
Sample ID	281WHSSSC90			281WHSSS091			281WHSSS043			281WHSSS075			281WHSSS020			281WHSSS044			281WHSSS059			281WHSSS060		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/11/95			08/11/95			07/21/95			08/09/95			07/19/95			07/21/95			07/25/95			07/26/95		
Sample Depth (in feet)	4.00 - 5.50			8.80 - 10.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	ND	9	U	ND	10	U	NA			NA			NA			NA			NA			ND	9	U
HEPTACHLOR	ND	9	U	ND	10	U	NA			NA			NA			NA			NA			ND	9	U
HEPTACHLOR EPOXIDE	ND	9	U	ND	10	U	NA			NA			NA			NA			NA			ND	9	U
METHOXYCHLOR	ND	93	U	ND	98	U	NA			NA			NA			NA			NA			ND	93	U
TOXAPHENE	ND	930	U	ND	980	U	NA			NA			NA			NA			NA			ND	930	U
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
1,3-DINITROBENZENE	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
2,4,6-TRINITROTOLUENE	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
2,4-DINITROTOLUENE	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
2,6-DINITROTOLUENE	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
2-NITROTOLUENE	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
3-NITROTOLUENE	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
4-NITROTOLUENE	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
HMX	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
NITROBENZENE	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
RDX	ND	120	U	NA			NA			NA			NA			NA			NA			ND	120	U
TETRYL	NA			NA			NA			NA			NA			NA			NA			ND	120	U
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	2,750	18.0		6,300	19.5		12,400	5.5		14,400	2.5		16,900	4.2		14,100	3.8		18,000	19.6		15,500	17.7	
ANTIMONY	ND	2.3	U	ND	2.5	U	ND	0.71	UJ	0.93	0.50		2.2 9T	0.54	J	ND	0.52	U	ND	2.5	UJ	ND	2.3	UJ
ARSENIC	ND	3.1	U	9.2 *#	3.4		5.3 *	0.94		16.7 *#	0.44		10.8 *#	0.73		5.2 *	0.66		17.9 *#	3.4	J	9.8 *#	3.0	J
BARIUM	18.5	0.33		20.9	0.36		175	0.10		50.6	0.67		186	0.080		153 *	0.070		84.0	0.36		57.0	0.33	
BERYLLIUM	ND	0.11	U	ND	0.12	U	ND	0.030	U	0.21 *I	0.015		ND	0.030	U	ND	0.020	U	ND	0.12	U	ND	0.11	U
CADMIUM	ND	0.22	U	ND	0.24	U	ND	0.31	U	0.24	0.042		ND	0.050	U	ND	0.050	UJ	ND	1.1	U	ND	22.0	U
CALCIUM	7,280	15.9		6,100	17.2		4,650	4.8	J	14,100	15.5		3,830	3.7		5,880	3.4	J	5,590	17.3		9,760	15.7	
CHROMIUM	11.2	2.0		23.5	2.2		27.2	0.61		24.9	0.27		49.2	0.47		32.9	0.42		55.*	2.2	J	30.8	2.0	J
COBALT	1.7	0.55		5.4	0.60		28.4 I	0.17		12.7	0.17		20.7	0.13		14.3	0.12		7.0	0.60		3.8	0.54	
COPPER	14.2	0.88		15.4	0.96		22.5	0.27		57.5 @	0.23		56.3 @	0.21		30.0	0.19	J	103 @I*	0.96	J	22.7	0.87	J
IRON	3,960	17.3	J	10,000	18.8	J	15,400	5.3		21,700	5.1		32,800	4.1		25,600	3.7		22,100	18.9	J	11,200	17.1	J

Notes: Detected concentrations are shaded.

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I = Detected concentrations greater than the ambient metals concentrations in soils.

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04/08/97

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBC02			WHSSBC02			WHSSBC04			WESSBC06			WHSSBC08			WHSSBD01			WHSSBD03			WHSSBD03		
Sample ID	281WHSSS090			281WHSSS091			281WHSSSC43			281WESSS075			281WHSSS020			281WHSSS044			281WHSSS059			281WHSSS060		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/11/95			08/11/95			07/21/95			08/09/95			07/19/95			07/21/95			07/25/95			07/26/95		
Sample Depth (in feet)	4.00 - 5.50			8.80 - 10.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	2.9	1.7		4.2	1.8		33.5	0.50		12.0	0.35		11.3	0.39	J	5.5	0.35	J	218 *efs	1.8	J	9.2	1.6	J
MAGNESIUM	14,400	18.1		15,900	15.6		7,520	5.5		9,260	14.3		5,740	4.2		8,510	3.9		10,000	19.8		14,800	17.8	
MANGANESE	63.2	0.66		78.2	0.72		2,060 Γ	0.20	J	117	0.062		772	0.16	J	422	0.24	J	185	0.72		126	0.65	
MERCURY	ND	0.28	U	ND	0.30	U	0.080	0.030		0.16 θ	0.029		0.14	0.030		0.14	0.020		ND	0.58	J	ND	0.27	UJ
MOLYBDENUM	3.2	0.99		4.7	1.1		ND	0.20	J	ND	0.35	U	ND	0.23	U	ND	0.21	UJ	ND	3.2	U	ND	5.4	U
NICKEL	14.4	3.6		26.6 θ	4.0		53.5 #θ	1.1	J	19.5	0.33		100 #θ	0.85		56.7 #θ	0.78		58.9 #θ	4.0		35.6 θ	3.6	
POTASSIUM	2,300	30.7	J	3,610	33.3	J	2,490	9.3	J	1,190	8.1		2,840	7.2	J	1,800	6.5	J	3,510	33.5	J	5,610	30.2	J
SELENIUM	ND	3.8	U	ND	4.4	U	ND	1.1	U	0.67 Γ	0.62		ND	0.88	U	ND	0.80	UJ	ND	4.3	U	ND	3.7	U
SILVER	ND	0.66	U	ND	0.72	U	ND	0.20	U	ND	0.31	U	ND	0.16	U	ND	0.14	U	ND	0.78	U	ND	0.65	J
SODIUM	70,000	128	J	66,700	128	J	6,440	45.0	J	3,210	54.2		4,260	33.1		2,650	30.1	J	1,790	128		55,800	128	J
THALLIUM	ND	2.2	U	ND	2.4	U	1.0	0.67		ND	0.385	U	119 Γ	0.52		ND	0.47	U	1.4 Γ	2.4		ND	2.2	J
VANADIUM	31.9	0.66		44.7	0.72		53.9	0.20		57.7	0.23		60.6 Γ	0.15		64 #	0.14		83.8	0.72		56.6	0.65	
ZINC	28.7	0.33	J	27.7	0.36	J	158 θ	0.10		69.7	0.17		89.9	0.080		63.9	0.070	J	417 #θσ	0.36		ND	82.2	U
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	ND	52.9	UJ	ND	55.9	UJ	NA			ND	11.1	U	ND	17.0	UJ	ND	12.0	U	360	1.0		ND	56.0	U
TOTAL ORGANIC CARBON	184,000	100		267,000	100		NA			24,400	100		42,100	100	J	15,500	100		156,000	100		201,000	100	
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBC02			WHSSBC02			WHSSBC04			WHSSBC06			WHSSBC08			WHSSBD01			WHSSBD03			WHSSBD03		
Sample ID	281WHSSS090			281WHSSS091			281WHSSS043			281WHSSS075			281WHSSS020			281WHSSS044			281WHSSS059			281WHSSS060		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/11/95			08/11/95			07/21/95			08/09/95			07/19/95			07/21/95			07/25/95			07/26/95		
Sample Depth (in feet)	4.00 - 5.50			8.80 - 10.00			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in µg/kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			NA			NA			12.0			42.0			20.9			65.0			NA		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	7.3			7.3			7			7.34			8.9			7.6			7			6.6		

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBD03			WHSSBD03			WHSSBD03			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBB02		
Sample ID	281WHSSS061			281WHSSS062			281WHSSS063			281WHSSS012			281WHSSS013			281WHSSS014			281WHSSS015			281WHSSS019		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/26/95			07/18/95			07/18/95			07/18/95			07/18/95			07/19/95		
Sample Depth (in feet)	4.50 - 5.80			9.50 - 10.40			18.50 - 20.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.30 - 10.00			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in ug/Kg)																								
1,1,1-TRICHLOROETHANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
1,1,2,2-TETRACHLOROETHANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
1,1,2-TRICHLOROETHANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
1,1-DICHLOROETHANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
1,1-DICHLOROETHENE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
1,2-DICHLOROETHANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
1,2-DICHLOROETHENE (TOTAL)	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
1,2-DICHLOROPROPANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
2-BUTANONE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	29	U	NA		
2-HEXANONE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
4-METHYL-2-PENTANONE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
ACETONE	ND	250	U	ND	120	U	ND	470	U	NA			ND	16	U	ND	12	U	ND	130	U	NA		
BENZENE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
BROMODICHLOROMETHANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
BROMOFORM	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
BROMOMETHANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
CARBON DISULFIDE	290	43		48	31		70	77	J	NA			ND	16	U	ND	12	U	ND	12	U	NA		
CARBON TETRACHLORIDE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
CHLOROBENZENE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
CHLOROETHANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
CHLOROFORM	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
CHLOROMETHANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
CIS-1,3-DICHLOROPROPENE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
DIBROMOCHLOROMETHANE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
ETHYLBENZENE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
METHYLENE CHLORIDE	ND	43	U	ND	31	U	ND	97	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
STYRENE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
TETRACHLOROETHENE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
TOLUENE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBD03			WHSSBD03			WHSSBD03			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBE02		
Sample ID	281WHSSS061			281WHSSS062			281WHSSS063			281WHSSS012			281WHSSS013			281WHSSS014			281WHSSS015			281WHSSS019		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/26/95			07/18/95			07/18/95			07/18/95			07/18/95			07/19/95		
Sample Depth (in feet)	4.50 - 5.80			9.50 - 10.40			18.50 - 20.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.30 - 10.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in ug/Kg)																								
TRANS-1,3-DICHLOROPROPENE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
TRICHLOROETHENE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
VINYL CHLORIDE	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
XYLENE (TOTAL)	ND	43	U	ND	31	U	ND	77	U	NA			ND	16	U	ND	12	U	ND	12	U	NA		
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
1,2,4-TRICHLOROBENZENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
1,2-DICHLOROBENZENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
1,3-DICHLOROBENZENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
1,4-DICHLOROBENZENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
1-METHYLNAPHTHALENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
1-METHYLPHENANTHRENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2,4,5-TRICHLOROPHENOL	NA			NA			NA			ND	3,000	U	NA			NA			NA			ND	410	U
2,4,6-TRICHLOROPHENOL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2,4-DICHLOROPHENOL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2,4-DIMETHYLPHENOL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2,4-DINITROPHENOL	NA			NA			NA			ND	3,000	U	NA			NA			NA			ND	410	U
2,4-DINITROTOLUENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2,6-DIMETHYLNAPHTHALENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2,6-DINITROTOLUENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2-CHLORONAPHTHALENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2-CHLOROPHENOL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2-METHYLNAPHTHALENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2-METHYLPHENOL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
2-NITROANILINE	NA			NA			NA			ND	3,000	U	NA			NA			NA			ND	410	U
2-NITROPHENOL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
3,3'-DICHLOROBENZIDINE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
3-NITROANILINE	NA			NA			NA			ND	3,000	U	NA			NA			NA			ND	410	U
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			ND	3,000	U	NA			NA			NA			ND	410	U
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
4-CHLOROANILINE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBD03			WHSSBD03			WHSSBD03			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBE02		
Sample ID	281WHSSS061			281WHSSS062			281WHSSS063			281WHSSS012			281WHSSS013			281WHSSS014			281WHSSS015			281WHSSS019		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/26/95			07/18/95			07/18/95			07/18/95			07/18/95			07/19/95		
Sample Depth (in feet)	4.50 - 5.80			9.50 - 10.40			18.50 - 20.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.30 - 10.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
4-METHYLPHENOL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
4-NITROANILINE	NA			NA			NA			ND	3,000	U	NA			NA			NA			ND	410	U
4-NITROPHENOL	NA			NA			NA			ND	3,000	U	NA			NA			NA			ND	410	U
ACENAPHTHENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
ACENAPHTHYLENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
ANTHRACENE	NA			NA			NA			360 θ	1,200	J	NA			NA			NA			ND	170	U
BENZO(A)ANTHRACENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
BENZO(A)PYRENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
BENZO(B)FLUORANTHENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
BENZO(E)PYRENE	NA			NA			NA			640	1,200	J	NA			NA			NA			ND	170	U
BENZO(G,H,I)PERYLENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
BENZO(K)FLUORANTHENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
BENZOIC ACID	NA			NA			NA			ND	3,000	U	NA			NA			NA			ND	21	UJ
BENZYL ALCOHOL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			ND	1,700	U	NA			NA			NA			ND	170	U
BUTYLBENZYLPHTHALATE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
CARBAZOLE	NA			NA			NA			150	1,200	J	NA			NA			NA			ND	170	U
CHRYSENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
DI-N-BUTYLPHTHALATE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
DI-N-OCTYLPHTHALATE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
DIBENZOFURAN	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
DIBENZOTHIOPHENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
DIETHYLPHTHALATE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
DIMETHYLPHTHALATE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
FLUORANTHENE	NA			NA			NA			770 θ	1,200	J	NA			NA			NA			ND	170	U
FLUORENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
HEXACHLOROBENZENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
HEXACHLOROBUTADIENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			ND	1,200	UJ	NA			NA			NA			ND	170	UJ
HEXACHLOROETHANE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBD03			WHSSBD03			WHSSBD03			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBE02		
Sample ID	281WHSSS061			281WHSSS062			281WHSSS063			281WHSSS012			281WHSSS013			281WESSS014			281WHSSS015			281WHSSS019		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/26/95			07/18/95			07/18/95			07/18/95			07/18/95			07/19/95		
Sample Depth (in feet)	4.50 - 5.80			9.50 - 10.40			18.50 - 20.00			0.00 - 0.50			1.80 - 2.30			4.50 - 5.30			9.30 - 10.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
ISOPHORONE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
NAPHTHALENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
NITROBENZENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
PENTACHLOROPHENOL	NA			NA			NA			ND	3,000	U	NA			NA			NA			ND	410	U
PERYLENE	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
PHENANTHRENE	NA			NA			NA			240	1,200	U	NA			NA			NA			ND	170	U
PHENOL	NA			NA			NA			ND	1,200	U	NA			NA			NA			ND	170	U
PYRENE	NA			NA			NA			590	1,200	U	NA			NA			NA			ND	170	U
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
1,2-DICHLOROBENZENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
1,3-DICHLOROBENZENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
1,4-DICHLOROBENZENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2,4,5-TRICHLOROPHENOL	ND	3,600	U	ND	2,600	U	ND	6,400	U	NA			ND	1,100	U	ND	1,000	U	ND	1,000	U	NA		
2,4,6-TRICHLOROPHENOL	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2,4-DICHLOROPHENOL	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2,4-DIMETHYLPHENOL	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2,4-DINITROPHENOL	ND	3,600	U	ND	2,600	U	ND	6,400	U	NA			ND	1,100	U	ND	1,000	U	ND	1,000	U	NA		
2,4-DINITROTOLUENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2,6-DINITROTOLUENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2-CHLORONAPHTHALENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2-CHLOROPHENOL	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2-METHYLNAPHTHALENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2-METHYLPHENOL	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
2-NITROANILINE	ND	3,600	U	ND	2,600	U	ND	6,400	U	NA			ND	1,100	U	ND	1,000	U	ND	1,000	U	NA		
2-NITROPHENOL	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
3,3'-DICHLOROBENZIDINE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
3-NITROANILINE	ND	3,600	U	ND	2,600	U	ND	5,400	U	NA			ND	1,100	U	ND	1,000	U	ND	1,000	U	NA		
4,6-DINITRO-2-METHYLPHENOL	ND	3,600	U	ND	2,600	U	ND	6,400	U	NA			ND	1,100	U	ND	1,000	U	ND	1,000	U	NA		
4-BROMOPHENYL-PHENYLETHER	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		

Notes: Detected concentrations are shaded.

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@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 285, & 033

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBD03			WHSSBD03			WESSBD03			WESSBD07			WHSSBD07			WESSBD07			WHSSBD07			WHSSBE02		
Sample ID	281WHSSS061			281WHSSS062			281WESSS063			281WHSSS012			281WHSSS013			281WESSS014			281WESSS015			281WHSSS019		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/26/95			07/16/95			07/18/95			07/18/95			07/18/95			07/19/95		
Sample Depth (in feet)	4.50 - 5.80			9.50 - 10.40			18.50 - 20.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.30 - 10.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-CHLORO-3-METHYLPHENOL	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
4-CHLOROANILINE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
4-CHLOROPHENYL-PHENYLETHER	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
4-METHYLPHENOL	ND	1,400	U	ND	1,000	J	ND	2,600	U	NA			ND	430	U	ND	410	J	ND	420	U	NA		
4-NITROANILINE	ND	3,600	U	ND	2,600	U	ND	6,400	U	NA			ND	1,100	U	ND	1,000	U	ND	1,000	U	NA		
4-NITROPHENOL	ND	3,600	U	ND	2,600	U	ND	6,400	U	NA			ND	1,100	U	ND	1,000	U	ND	1,000	U	NA		
ACENAPHTHENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
ACENAPHTHYLENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
ANTHRACENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
BENZO(A)ANTHRACENE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
BENZO(A)PYRENE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
BENZO(B)FLUORANTHENE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
BENZO(G,H,I)PERYLENE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
BENZO(K)FLUORANTHENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
BIS(2-CHLOROETHOXY)METHANE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
BIS(2-CHLOROETHYL)ETHER	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
BUTYLBENZYLPHTHALATE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	UJ	ND	420	U	NA		
CARBAZOLE	ND	1,400	U	ND	1,000	J	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
CHRYSENE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
DI-N-BUTYLPHTHALATE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
DI-N-OCTYLPHTHALATE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
DIBENZ(A,H)ANTHRACENE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
DIBENZOFURAN	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
DIETHYLPHTHALATE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
DIMETHYLPHTHALATE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
FLUORANTHENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
FLUORENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
HEXACHLOROBENZENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
HEXACHLOROBUTADIENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
HEXACHLOROCYCLOPENTADIENE	ND	1,400	U	ND	1,000	U	ND	2,600	UJ	NA			ND	430	U	ND	410	UJ	ND	420	UJ	NA		
HEXACHLOROETHANE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
INDENO(1,2,3-CD)PYRENE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
ISOPHORONE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBD03			WHSSBD03			WHSSBD03			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBE02		
Sample ID	281WHSSS061			281WHSSS062			281WESSS063			281WHSSS012			281WESSS013			281WHSSSC14			281WHSSSC15			281WHSSS019		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/26/95			07/18/95			07/18/95			07/18/95			07/18/95			07/19/95		
Sample Depth (in feet)	4.50 - 5.80			9.50 - 10.40			18.50 - 20.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.30 - 10.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
N-NITROSODIPHENYLAMINE (1)	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
NAPHTHALENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
NITROBENZENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
PENTACHLOROPHENOL	ND	3,600	U	ND	2,600	U	ND	6,400	U	NA			ND	1,100	U	ND	1,000	U	ND	1,000	U	NA		
PHENANTHRENE	ND	1,400	U	ND	1,000	U	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
PHENOL	ND	1,400	U	ND	1,000	U	4,300	2,600	U	NA			1,500	430	U	ND	410	U	ND	420	U	NA		
PYRENE	ND	1,400	U	ND	1,000	UJ	ND	2,600	U	NA			ND	430	U	ND	410	U	ND	420	U	NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
2,4'-DDE	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
2,4'-DDT	NA			NA			NA			13	1		NA			NA			NA			0.2	0.1	J
4,4'-DDD	NA			NA			NA			15 #	1		NA			NA			NA			ND	0.1	U
4,4'-DDE	NA			NA			NA			9 #	1		NA			NA			NA			0.3	0.1	
4,4'-DDT	NA			NA			NA			51 ##	1		NA			NA			NA			0.5	0.1	
ALDRIN	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
ALPHA-CHLORDANE	NA			NA			NA			23 ##	1		NA			NA			NA			1 #	0.1	J
DIELDRIN	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
GAMMA-BHC (LINDANE)	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
HEPTACHLOR	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
HEPTACHLOR EPOXIDE	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
HEXACHLOROBENZENE	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
MIREX	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-101 (2,2',3,5,5')	NA			NA			NA			1	1	J	NA			NA			NA			ND	0.1	U
PCB-105 (2,3,3',4,4')	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-118 (2,3',4,4',5)	NA			NA			NA			6	1	C	NA			NA			NA			ND	0.1	U
PCB-126 (2,3',4,4',5)	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-128 (2,2',3,3',4,4')	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-138 (2,2',3,4,4',5')	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-153 (2,2',4,4',5,5')	NA			NA			NA			4	1		NA			NA			NA			ND	0.1	U
PCB-170 (2,2',3,3',4,4',5)	NA			NA			NA			1	1	J	NA			NA			NA			ND	0.1	U
PCB-18 (2,2',5)	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-180 (2,2',3,4,4',5,5')	NA			NA			NA			4	1	J	NA			NA			NA			ND	0.1	U
PCB-187 (2,2',3,4',5,5',6)	NA			NA			NA			2	1		NA			NA			NA			ND	0.1	U

Notes: Detected concentrations are shaded.

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ND: U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

^ = Detected concentrations greater than the ambient metals concentrations in soils.

c = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBD02			WHSSBD03			WHSSBD03			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBE02		
Sample ID	281WHSSS061			281WHSSS062			281WHSSS063			281WHSSS012			281WHSSS013			281WHSSS014			281WHSSS015			281WHSSS019		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/26/95			07/18/95			07/18/95			07/18/95			07/18/95			07/19/95		
Sample Depth (in feet)	4.50 - 5.80			9.50 - 10.40			18.50 - 20.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.30 - 10.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/Kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-206 (2,2',3,3',4,4',5,5',6	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-28 (2,4,4')	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-44 (2,2',3,5')	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-52 (2,2',5,5')	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-66 (2,3',4,4')	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-77 (3,3',4,4')	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
PCB-8 (2,4')	NA			NA			NA			16	1		NA			NA			NA			2	0.1	J
TRANS-NONACHLOR	NA			NA			NA			ND	1	U	NA			NA			NA			ND	0.1	U
Pesticides/PCBs (in ug/Kg)																								
4,4'-DDD	ND	14	U	ND	10	U	ND	26	U	NA			7.9	4		ND	4	U	ND	4	U	NA		
4,4'-DDE	ND	14	U	ND	10	U	ND	26	U	NA			3	4		ND	4	U	ND	4	U	NA		
4,4'-DDT	ND	14	U	ND	10	U	ND	26	U	NA			4.9	4		ND	4	U	ND	4	U	NA		
ALDRIN	ND	7	U	ND	5	U	ND	13	U	NA			ND	2	U	ND	2	U	ND	2	U	NA		
ALPHA-BHC	ND	7	U	ND	5	U	ND	13	U	NA			ND	2	U	ND	2	U	ND	2	U	NA		
ALPHA-CHLORDANE	ND	7	U	ND	5	U	ND	13	U	NA			2.6	2	J	ND	2	U	ND	2	U	NA		
AROCLOR-1016	ND	140	U	ND	100	U	ND	260	U	NA			ND	43	U	ND	41	U	ND	42	U	NA		
AROCLOR-1221	ND	290	U	ND	210	U	ND	510	U	NA			ND	87	U	ND	81	U	ND	83	U	NA		
AROCLOR-1232	ND	140	U	ND	100	U	ND	260	U	NA			ND	43	U	ND	41	U	ND	42	U	NA		
AROCLOR-1242	ND	140	U	ND	100	U	ND	260	U	NA			ND	43	U	ND	41	U	ND	42	U	NA		
AROCLOR-1248	ND	140	U	ND	100	U	ND	260	U	NA			ND	43	U	ND	41	U	ND	42	U	NA		
AROCLOR-1254	ND	140	U	ND	100	U	ND	260	U	NA			ND	43	U	ND	41	U	ND	42	U	NA		
AROCLOR-1260	ND	7	U	ND	5	U	ND	13	U	NA			ND	2	U	ND	2	U	ND	2	U	NA		
BETA-BHC	ND	7	U	ND	5	U	ND	13	U	NA			ND	2	U	ND	2	U	ND	2	U	NA		
DELTA-BHC	ND	14	U	ND	10	U	ND	26	U	NA			ND	4	U	ND	4	U	ND	4	U	NA		
DIELDRIN																								
ENDOSULFAN I	ND	7	U	ND	5	U	ND	13	U	NA			ND	2	U	ND	2	U	ND	2	U	NA		
ENDOSULFAN II	ND	14	U	ND	10	U	ND	26	U	NA			ND	4	U	ND	4	U	ND	4	U	NA		
ENDOSULFAN SULFATE	ND	14	U	ND	10	U	ND	26	U	NA			ND	4	U	ND	4	U	ND	4	U	NA		
ENDRIN	ND	14	U	ND	10	U	ND	26	U	NA			ND	4	U	ND	4	U	ND	4	U	NA		
ENDRIN ALDEHYDE	ND	14	U	ND	10	U	ND	26	U	NA			ND	4	U	ND	4	U	ND	4	U	NA		
ENDRIN KETONE	ND	14	U	ND	10	U	ND	26	U	NA			ND	4	U	ND	4	U	ND	4	U	NA		
GAMMA-BHC (LINDANE)	ND	7	U	ND	5	U	ND	13	U	NA			ND	2	U	ND	2	U	ND	2	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBD03			WHSSBD03			WHSSBD03			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBE02		
Sample ID	281WHSSS061			281WHSSS062			281WHSSS063			281WHSSS012			281WHSSS013			281WHSSS014			281WHSSS015			281WHSSS019		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/26/95			07/18/95			07/18/95			07/18/95			07/18/95			07/19/95		
Sample Depth (in feet)	4.50 - 5.80			9.50 - 10.40			18.50 - 20.00			0.00 - 0.50			1.50 - 2.20			4.50 - 5.30			9.30 - 10.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in ug/Kg)																								
GAMMA-CHLORDANE	ND	7	U	ND	5	U	ND	13	U	NA			ND	2	U	ND	2	U	ND	2	U	NA		
HEPTACHLOR	ND	7	U	ND	5	U	ND	13	U	NA			ND	2	U	ND	2	U	ND	2	U	NA		
HEPTACHLOR EPOXIDE	ND	7	U	ND	5	J	ND	13	U	NA			ND	2	U	ND	2	U	ND	2	U	NA		
METHOXYCHLOR	ND	72	U	ND	52	J	ND	130	U	NA			ND	22	U	ND	20	U	ND	21	U	NA		
TOXAPHENE	ND	720	U	ND	520	J	ND	1,300	U	NA			ND	220	U	ND	200	U	ND	210	U	NA		
Explosives (in ug/Kg)																								
1,3,5-TRINITROBENZENE	ND	120	U	NA			NA			NA			NA			NA			NA			NA		
1,3-DINITROBENZENE	ND	120	U	NA			NA			NA			NA			NA			NA			NA		
2,4,6-TRINITROTOLUENE	ND	120	J	NA			NA			NA			NA			NA			NA			NA		
2,4-DINITROTOLUENE	ND	120	J	NA			NA			NA			NA			NA			NA			NA		
2,6-DINITROTOLUENE	ND	120	J	NA			NA			NA			NA			NA			NA			NA		
2-NITROTOLUENE	ND	120	J	NA			NA			NA			NA			NA			NA			NA		
3-NITROTOLUENE	ND	120	J	NA			NA			NA			NA			NA			NA			NA		
4-NITROTOLUENE	ND	120	J	NA			NA			NA			NA			NA			NA			NA		
HMX	ND	120	J	NA			NA			NA			NA			NA			NA			NA		
NITROBENZENE	ND	120	J	NA			NA			NA			NA			NA			NA			NA		
RDX	ND	120	J	NA			NA			NA			NA			NA			NA			NA		
TETRYL	ND	120	U	NA			NA			NA			NA			NA			NA			NA		
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			ND	65	U	ND	12	U	ND	13	U	NA		
GASOLINE	NA			NA			NA			NA			3.5	0.7	J	ND	0.6	U	ND	0.6	U	NA		
MOTOR OIL	NA			NA			NA			NA			640	65		ND	12	U	ND	13	U	NA		
Total Metals (in mg/Kg)																								
ALUMINUM	22,400	14.1		17,400	10.1		2,050	25.3		7,850	3.6		7,770	4.2		14,700	4.0		11,100	4.1		10,200	4.0	
ANTIMONY	ND	1.8	UJ	ND	1.3	UJ	ND	3.3	UJ	2.2 θΓ	0.46	J	0.84	0.54	J	0.69	0.51	J	ND	0.53	UJ	0.72	0.52	J
ARSENIC	25.1 *θ	2.4	J	7.0 *	1.7	J	ND	4.3	UJ	7.2 *	0.61		3.4 *	0.73		5.2 *	0.68		5.0 *	0.70		3.3 *	0.69	
BARIUM	52.9	0.26		39.0	0.19		28.0	0.47		63.7	0.070		90.5	0.080		184	0.070		188	0.080		146	0.070	
BERYLLIUM	ND	0.090	U	ND	0.14	U	ND	0.16	U	ND	0.020	U	ND	0.030	U	ND	0.020	U	0.18 *Γ	0.030		0.13 Γ	0.020	
CADMIUM	ND	0.17	U	ND	0.12	U	ND	0.31	U	1.7 θΓ	0.040		0.56 Γ	0.050		0.20	0.050	U	0.090	0.050		ND	0.050	U
CALCIUM	6,630	12.5		4,470	8.9		2,450	22.3		2,760	3.2		4,990	3.7		21,450	3.5		8,560	3.6		2,140	3.5	
CHROMIUM	71.9	1.6	J	58.3	1.1	J	ND	7.5	U	25.5	0.39		20.2	0.47		41.4	0.44		29.8	0.45		24.8	0.44	
COBALT	23.1	0.43		13.4	0.31		ND	2.1	U	9.2	0.11		13.7	0.13		16.7	0.12		9.5	0.13		8.7	0.12	
COPPER	27.5	0.69	J	33.3	0.50	J	20.4	1.2	J	43.7 θ	0.18		55.8 θ	0.21		45.4 θ	0.19		26.5	0.20		13.7	0.20	
IRON	36,600	13.6	J	29,500	9.8	J	2,900	24.3	J	25,000	3.4		16,700	4.1		34,400	3.8		15,300	3.9		13,400	3.9	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBD03			WHSSBD03			WHSSBD03			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBD02		
Sample ID	281WHSSS061			281WHSSS062			281WHSSS063			281WHSSS012			281WHSSS013			281WHSSS014			281WHSSS015			281WHSSS019		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/26/95			07/18/95			07/18/95			07/18/95			07/18/95			07/19/95		
Sample Depth (in feet)	4.50 - 5.50			9.50 - 10.40			18.50 - 20.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.30 - 10.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	12.2	1.3	J	9.1	0.93	J	ND	2.7	U	90.9 σΣr	0.33		49.6 θ	0.35		8.6	0.36		5.8	0.38		11.1	0.37	J
MAGNESIUM	15,100	14.2		11,300	10.2		11,700	25.4		6,160	3.6	J	5,920	4.3	J	11,500	4.0	J	6,560	4.1	J	3,720	4.0	
MANGANESE	353	0.52		440	0.37		94.9	0.93		319	0.13		258	0.16		508	0.15		149	0.15		420	0.15	
MERCURY	ND	0.22	UJ	ND	0.16	UJ	ND	0.39	UJ	0.22 θ	0.020		0.080	0.030		0.11	0.020		0.080	0.030		ND	0.060	U
MOLYBDENUM	6.6 Π	0.78		ND	0.56	U	ND	4.4	U	2.1	0.20		ND	0.23	U	ND	0.22	U	0.35	0.23		ND	0.22	U
NICKEL	57.7 #θ	2.9		59.3 #θ	2.0		ND	15.3	U	21.2 θ	0.72		31.3 θ	0.86		214 #θΓ	0.80	U	46.6 θ	0.83		25.9 θ	0.83	
POTASSIUM	5,810	24.1	J	4,210	17.3	J	1,620	43.1	J	1,010	6.1	J	932	7.2	J	1,390	5.7	J	1,710	7.0	J	1,500	7.0	J
SELENIUM	ND	2.9	U	ND	2.1	U	ND	5.3	U	ND	0.75	U	ND	0.88	U	ND	0.83	U	ND	0.85	U	ND	0.83	U
SILVER	ND	0.52	U	ND	0.37	U	ND	0.93	U	0.22 Γ	0.13		ND	0.16	U	ND	0.15	U	ND	0.15	U	ND	0.15	U
SODIUM	33,300	128	J	17,500	79.4	J	35,600	128	J	1,430	28.0		1,220	33.2		545	32.0		6,550	32.1		4,180	31.4	
THALLIUM	ND	1.7	U	ND	1.2	U	ND	3.1	U	ND	0.44	U	ND	0.52	U	NI	0.49	U	ND	0.50	U	ND	0.49	U
VANADIUM	78.4	0.52		52.2	0.37		13.1	0.99		32.2	0.13		38.2	0.16		82.8	0.15		51.4	0.15		41.2	0.15	
ZINC	ND	81.7	U	98.3	0.19		ND	50.4	U	225 σΣr	0.070		593 #σΓ	0.080		76.8	0.070		45.9	0.080		88.6	0.070	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	ND	59.6	U	ND	54.1	U	ND	74.2	U	ND	11.0	UJ	ND	14.0	UJ	ND	12.0	UJ	ND	12.0	UJ	ND	12.0	UJ
TOTAL ORGANIC CARBON	253,000	100		393,000	100		331,000	100		71,100	100		45,900	100		ND	118	U	ND	122	U	3,380	100	J
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RNQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBD03			WHSSBD03			WHSSBD03			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBD07			WHSSBC2		
Sample ID	281WHSSS061			281WHSSS062			281WHSSS063			281WHSSS012			281WHSSS013			281WHSSS014			281WHSSS015			281WESSC19		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/26/95			07/18/95			07/18/95			07/18/95			07/18/95			07/19/95		
Sample Depth (in feet)	4.50 - 5.80			9.50 - 10.40			18.50 - 20.00			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.30 - 10.00			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in pg/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			NA			NA			10.0			NA			NA			NA			23.0		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	6.9			7.4			7.2			6.1			7.1			7			7.9			7.2		

Notes: Detected concentrations are shaded.

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE04			WHSSBE06			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBF03			WESSBF03		
Sample ID	281WHSSSC46			281WHSSS022			281WESSS102			281WESSS103			281WESSS104			281WHSSS105			281WESSS055A			281WHSSS055		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/21/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			07/25/95			07/25/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 4.00			5.50 - 6.50			9.00 - 10.30			0.00 - 0.50			1.50 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
1,1,2-TRICHLOROETHANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
1,1-DICHLOROETHANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
1,1-DICHLOROETHENE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
1,2-DICHLOROETHANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			ND	25	U	ND	12	U	ND	26	U	NA			ND	19	U
1,2-DICHLOROPROPANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
2-BUTANONE	NA			NA			NA			ND	26	U	ND	12	U	280	28		NA			ND	19	U
2-HEXANONE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
4-METHYL-2-PENTANONE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			380	19	
ACETONE	NA			NA			NA			ND	110	J	ND	64	U	ND	1,000	U	NA					
BENZENE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
BROMODICHLOROMETHANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
BROMOFORM	NA			NA			NA			ND	25	U	ND	12	U	ND	28	U	NA			ND	19	U
BROMOMETHANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
CARBON DISULFIDE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
CARBON TETRACHLORIDE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
CHLOROBENZENE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
CHLOROETHANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
CHLOROFORM	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
CHLOROMETHANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
DIBROMOCHLOROMETHANE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
ETHYLBENZENE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
METEYLENE CHLORIDE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
STYRENE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
TETRACHLORCETHENE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
TOLUENE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE04			WHSSBE06			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBF02			WHSSBF03		
Sample ID	281WHSSS046			281WHSSS022			281WHSSS102			281WHSSS103			281WHSSS104			281WHSSS105			281WHSSS055A			281WHSSS056		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/21/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			07/25/95			07/25/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 4.00			5.50 - 6.50			9.00 - 10.30			0.00 - 0.50			1.50 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
TRICHLOROETHENE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
VINYL CHLORIDE	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
XYLENE (TOTAL)	NA			NA			NA			ND	26	U	ND	12	U	ND	28	U	NA			ND	19	U
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
1,2,4-TRICHLOROBENZENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
1,2-DICHLOROBENZENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
1,3-DICHLOROBENZENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
1,4-DICHLOROBENZENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
1-METHYLNAPHTHALENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
1-METHYLPHENANTHRENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2,4,5-TRICHLOROPHENOL	NA			ND	5,500	U	ND	320	U	NA			NA			NA			ND	260	U	NA		
2,4,6-TRICHLOROPHENOL	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2,4-DICHLOROPHENOL	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2,4-DIMETHYLPHENOL	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2,4-DINITROPHENOL	NA			ND	5,500	U	ND	320	U	NA			NA			NA			ND	260	U	NA		
2,4-DINITROTOLUENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2,6-DIMETHYLNAPHTHALENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2,6-DINITROTOLUENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2-CHLORONAPHTHALENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2-CHLOROPHENOL	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2-METHYLNAPHTHALENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2-METHYLPHENOL	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
2-NITROANILINE	NA			ND	5,500	U	ND	320	U	NA			NA			NA			ND	260	U	NA		
2-NITROPHENOL	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
3,3'-DICHLOROBENZIDINE	NA			ND	2,300	U	ND	130	UJ	NA			NA			NA			ND	100	U	NA		
3-NITROANILINE	NA			ND	5,500	U	ND	320	UJ	NA			NA			NA			ND	260	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			ND	5,500	U	ND	320	U	NA			NA			NA			ND	260	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
4-CHLOROANILINE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1996).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE04			WHSSBE06			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBF03			WHSSBF03		
Sample ID	281WHSSS046			281WHSSS022			281WHSSS102			281WHSSS103			281WHSSS104			281WHSSS105			281WHSSSCESA			281WHSSS056		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/21/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			07/25/95			07/25/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 4.00			5.50 - 6.50			9.00 - 10.30			0.00 - 0.50			1.50 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
4-METHYLPHENOL	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
4-NITROANILINE	NA			ND	5,500	UJ	ND	320	UJ	NA			NA			NA			ND	250	U	NA		
4-NITROPHENOL	NA			ND	5,500	U	ND	320	U	NA			NA			NA			ND	250	U	NA		
ACENAPHTHENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
ACENAPHTHYLENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
ANTHRACENE	NA			180 θ	160	J	170 θ	130		NA			NA			NA			14	100	J	NA		
BENZO(A)ANTHRACENE	NA			590 θ	2,300	J	310 θ	130		NA			NA			NA			68	100	J	NA		
BENZO(A)PYRENE	NA			570 *θ	2,300	J	350 *	130		NA			NA			NA			77 *	100	J	NA		
BENZO(B)FLUORANTHENE	NA			1,200 *γ	2,300	J	570 *	130		NA			NA			NA			130	100		NA		
BENZO(B)PYRENE	NA			640	2,300	J	330	130		NA			NA			NA			88	100	J	NA		
BENZO(G,H,I)PERYLENE	NA			520	2,300	J	300	130		NA			NA			NA			86	100	J	NA		
BENZO(K)FLUORANTHENE	NA			850 *	2,300	J	190	130		NA			NA			NA			58	100	J	NA		
BENZOIC ACID	NA			ND	5,500	UJ	830	320		NA			NA			NA			40	260	J	NA		
BENZYL ALCOHOL	NA			ND	2,300	UJ	ND	130	UJ	NA			NA			NA			ND	100	U	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	110	J	NA		
BUTYLBENZYLPHTHALATE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
CARBAZOLE	NA			200	2,300	J	130	130		NA			NA			NA			16	100	J	NA		
CHRYSENE	NA			1,200 θ	2,300	J	590 θ	130		NA			NA			NA			97	100	J	NA		
DI-N-BUTYLPHTHALATE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
DI-N-OCTYLPHTHALATE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
DIBENZ(A,H)ANTHRACENE	NA			130 *θ	2,300	J	110 *θ	130	J	NA			NA			NA			24	100	J	NA		
DIBENZOFURAN	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
DIBENZOTHIOPHENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
DIETHYLPHTHALATE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
DIMETHYLPHTHALATE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
FLUORANTHENE	NA			1,200 θ	2,300	J	910 θ	130		NA			NA			NA			130	100		NA		
FLUORENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
HEXACHLOROBENZENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
HEXACHLOROBUTADIENE	NA			ND	2,300	UJ	ND	130	U	NA			NA			NA			ND	100	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
HEXACHLOROETHANE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

ς = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE04			WHSSBE05			WHSSBE07			WHSSBE06			WHSSBE08			WHSSBE08			WHSSBF03			WHSSBF03		
Sample ID	281WHSSS046			281WHSSS022			281WHSSS102			281WHSSS103			281WHSSS104			281WHSSS105			281WHSSS055A			281WHSSS056		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/21/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			07/25/95			07/25/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 4.00			5.50 - 6.50			9.00 - 10.30			0.00 - 0.50			1.50 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	NA			470	2,300	J	250	130		NA			NA			NA			78	100	J	NA		
ISOPHORONE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
NAPHTHALENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
NITROBENZENE	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
PENTACHLOROPHENOL	NA			ND	5,500	U	250	320	J	NA			NA			NA			NA			NA		
PERYLENE	NA			150	2,300	J	110	130		NA			NA			NA			26	100	J	NA		
PHENANTHRENE	NA			470 θ	2,300	J	400 θ	130		NA			NA			NA			49	100	J	NA		
PHENOL	NA			ND	2,300	U	ND	130	U	NA			NA			NA			ND	100	U	NA		
PYRENE	NA			920 θ	2,300	J	410	130		NA			NA			NA			110	100		NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
1,2-DICHLOROBENZENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
1,3-DICHLOROBENZENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
1,4-DICHLOROBENZENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2,4,5-TRICHLOROPHENOL	NA			NA			NA			ND	2,100	U	ND	960	U	ND	2,200	U	NA			ND	1,500	U
2,4,6-TRICHLOROPHENOL	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2,4-DICHLOROPHENOL	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2,4-DIMETHYLPHENOL	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2,4-DINITROPHENOL	NA			NA			NA			ND	2,100	U	ND	960	U	ND	2,200	U	NA			ND	1,500	U
2,4-DINITROTOLUENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2,6-DINITROTOLUENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2-CHLORONAPHTHALENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2-CHLOROPHENOL	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2-METHYLNAPHTHALENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2-METHYLPHENOL	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
2-NITROANILINE	NA			NA			NA			ND	2,100	U	ND	960	U	ND	2,200	U	NA			ND	1,600	U
2-NITROPHENOL	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
3,3'-DICHLOROBENZIDINE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
3-NITROANILINE	NA			NA			NA			ND	2,100	U	ND	960	U	ND	2,200	U	NA			ND	1,600	U
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			ND	2,100	U	ND	960	U	ND	2,200	U	NA			ND	1,600	U
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U

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Table includes data from CTOs 281, 283, & 033

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Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE04			WHSSBE06			WHSSBE07			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBF03			WHSSBF03		
Sample ID	281WHSSS046			281WHSSS022			281WHSSS102			281WHSSS103			281WHSSS104			281WHSSS105			281WHSSS055A			281WHSSS056		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/21/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			07/25/95			07/25/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 4.00			5.50 - 6.50			9.00 - 10.30			0.00 - 0.50			1.50 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
4-CHLOROANILINE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
4-METHYLPHENOL	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
4-NITROANILINE	NA			NA			NA			ND	2,100	U	ND	960	U	ND	2,200	U	NA			ND	1,600	U
4-NITROPHENOL	NA			NA			NA			ND	2,100	U	ND	960	U	ND	2,200	U	NA			ND	1,600	U
ACENAPHTHENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
ACENAPHTHYLENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
ANTHRACENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
BENZO(A)ANTHRACENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
BENZO(A)PYRENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
BENZO(B)FLUORANTHENE	NA			NA			NA			ND	870	U	ND	400	J	ND	920	J	NA			ND	630	U
BENZO(G,H,I)PERYLENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
BENZO(K)FLUORANTHENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
BUTYLBENZYLPHTHALATE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
CARBAZOLE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
CHRYSENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
DI-N-BUTYLPHTHALATE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
DI-N-OCTYLPHTHALATE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
DIBENZOFURAN	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
DIETHYLPHTHALATE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
DIMETHYLPHTHALATE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
FLUORANTHENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
FLUORENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
HEXACHLOROBENZENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
HEXACHLOROBUTADIENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
HEXACHLOROETHANE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
ISOPHORONE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 261, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE04			WHSSBE05			WHSSBE07			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBF03			WHSSBF03		
Sample ID	281WHSSS046			281WHSSS022			281WHSSS102			281WHSSS103			281WHSSS104			281WHSSS105			281WHSSS055A			281WHSSS056		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/21/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			07/25/95			07/25/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 4.00			5.50 - 6.50			9.00 - 10.30			0.00 - 0.50			1.50 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
NAPETHALENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
NITROBENZENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
PENTACHLOROPHENOL	NA			NA			NA			ND	2,100	U	ND	960	U	ND	2,200	U	NA			ND	1,600	U
PHENANTERENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
PHENOL	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
PYRENE	NA			NA			NA			ND	870	U	ND	400	U	ND	920	U	NA			ND	630	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			ND	5	U	2	0.2	J	NA			NA			NA			ND	0.1	U	NA		
2,4'-DDE	NA			ND	5	U	0.4	0.2	J	NA			NA			NA			ND	0.1	U	NA		
2,4'-DDT	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	U	NA		
4,4'-DDD	NA			16 #	5	J	4 #	0.2		NA			NA			NA			ND	0.1	U	NA		
4,4'-DDE	NA			17 #*	5		1	0.2		NA			NA			NA			ND	0.1	U	NA		
4,4'-DDT	NA			110 #*	5		0.6	0.2	J	NA			NA			NA			ND	0.1	U	NA		
ALDRIN	NA			ND	5	U	0.5	0.2		NA			NA			NA			ND	0.1	U	NA		
ALPHA-CHLORDANE	NA			19 #*	5		2 #	0.2		NA			NA			NA			ND	0.1	U	NA		
DIELDRIN	NA			ND	5	U	0.8 #	0.2		NA			NA			NA			ND	0.1	U	NA		
GAMMA-BHC (LINDANE)	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	U	NA		
HEPTACHLOR	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	U	NA		
HEPTACHLOR EPOXIDE	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	U	NA		
HEXACHLOROBENZENE	NA			ND	5	U	ND	0.2	U	NA			NA			NA			2.2	0.2	J	NA		
MIREX	NA			ND	5	U	0.3	0.2	J	NA			NA			NA			ND	0.1	U	NA		
PCB-101 (2,2',5,5')	NA			ND	5	U	0.8	0.2	J	NA			NA			NA			ND	0.1	U	NA		
PCB-105 (2,3,3',4,4')	NA			ND	5	U	0.4	0.2	J	NA			NA			NA			ND	0.1	U	NA		
PCB-118 (2,3',4,4',5)	NA			ND	5	U	0.6	0.2		NA			NA			NA			ND	0.1	U	NA		
PCB-126 (3,3',4,4',5)	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	U	NA		
PCB-128 (2,2',3,3',4,4')	NA			ND	5	U	0.3	0.2	J	NA			NA			NA			ND	0.1	U	NA		
PCB-138 (2,2',3,4,4',5')	NA			ND	5	U	1	0.2	J	NA			NA			NA			ND	0.1	U	NA		
PCB-153 (2,2',4,4',5,5')	NA			ND	5	U	1	0.2	J	NA			NA			NA			ND	0.1	U	NA		
PCB-170 (2,2',3,3',4,4',5)	NA			ND	5	U	0.3	0.2	J	NA			NA			NA			ND	0.1	U	NA		
PCB-18 (2,2',5)	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	U	NA		
PCB-180 (2,2',3,4,4',5,5')	NA			ND	5	U	0.7	0.2		NA			NA			NA			ND	0.1	U	NA		
PCB-187 (2,2',3,4',5,5',6)	NA			ND	5	U	0.4	0.2		NA			NA			NA			ND	0.1	U	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

\# = Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

6 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE04			WHSSBE06			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBF03			WHSSBF03		
Sample ID	281WHSSS046			281WHSSS022			281WHSSS102			281WHSSS103			281WHSSS104			281WHSSS105			281WHSSS055A			281WHSSS056		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/21/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			07/25/95			07/25/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 4.00			5.50 - 6.50			9.00 - 10.30			0.00 - 0.50			1.50 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	U	NA		
PCB-206 (2,2',3,3',4,4',5,5',	NA			ND	5	U	0.2	0.2	J	NA			NA			NA			ND	0.1	U	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA	5	U	ND	0.3	U	NA			NA			NA			ND	0.1	U	NA		
PCB-28 (2,4,4')	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	U	NA		
PCB-44 (2,2',3,5')	NA			ND	5	U	ND	0.2	UJ	NA			NA			NA			ND	0.1	U	NA		
PCB-52 (2,2',5,5')	NA			ND	5	U	0.2	0.2	J	NA			NA			NA			ND	0.1	U	NA		
PCB-66 (2,3',4,4')	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	U	NA		
PCB-77 (3,3',4,4')	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	U	NA		
PCB-8 (2,4')	NA			ND	5	U	ND	0.2	U	NA			NA			NA			ND	0.1	J	NA		
TRANS-NONACHLOR	NA			16	5		1.1	0.2	J	NA			NA			NA			ND	0.1	J	NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			NA			ND	9	J	ND	4	U	ND	9	U	NA			ND	6	J
4,4'-DDE	NA			NA			NA			ND	9	J	ND	4	U	ND	9	U	NA			ND	6	U
4,4'-DDT	NA			NA			NA			ND	9	UJ	ND	4	UJ	ND	5	UJ	NA			ND	6	U
ALDRIN	NA			NA			NA			ND	4	UJ	ND	2	UJ	ND	5	UJ	NA			ND	3	U
ALPHA-BHC	NA			NA			NA			ND	4	U	ND	2	U	ND	5	U	NA			ND	3	U
ALPHA-CHLORDANE	NA			NA			NA			ND	4	U	ND	2	U	ND	5	U	NA			ND	3	U
AROCLOR-1016	NA			NA			NA			ND	88	U	ND	40	U	ND	93	U	NA			ND	63	U
AROCLOR-1221	NA			NA			NA			ND	180	U	ND	80	U	ND	190	U	NA			ND	130	U
AROCLOR-1232	NA			NA			NA			ND	88	U	ND	40	U	ND	93	U	NA			ND	63	U
AROCLOR-1242	NA			NA			NA			ND	88	U	ND	40	U	ND	93	U	NA			ND	63	U
AROCLOR-1248	NA			NA			NA			ND	88	U	ND	40	U	ND	93	U	NA			ND	63	U
AROCLOR-1254	NA			NA			NA			ND	88	U	ND	40	U	ND	93	U	NA			ND	63	U
AROCLOR-1260	NA			NA			NA			ND	88	U	ND	40	U	ND	93	U	NA			ND	63	U
BETA-BHC	NA			NA			NA			ND	4	U	ND	2	U	ND	5	U	NA			ND	3	U
DELTA-BHC	NA			NA			NA			ND	4	U	ND	2	U	ND	5	U	NA			ND	3	U
DIELDRIN	NA			NA			NA			ND	9	UJ	ND	4	UJ	ND	9	UJ	NA			ND	6	U
ENDOSULFAN I	NA			NA			NA			ND	4	U	ND	2	U	ND	5	U	NA			ND	3	U
ENDOSULFAN II	NA			NA			NA			ND	9	U	ND	4	U	ND	9	U	NA			ND	6	U
ENDOSULFAN SULFATE	NA			NA			NA			ND	9	U	ND	4	U	ND	9	U	NA			ND	6	U
ENDRIN	NA			NA			NA			ND	9	UJ	ND	4	UJ	ND	9	UJ	NA			ND	6	U
ENDRIN ALDEHYDE	NA			NA			NA			ND	9	U	ND	4	U	ND	9	U	NA			ND	6	U
ENDRIN KETONE	NA			NA			NA			ND	9	U	ND	4	U	ND	9	U	NA			ND	6	U
GAMMA-BHC (LINDANE)	NA			NA			NA			ND	4	UJ	ND	2	UJ	ND	5	UJ	NA			ND	3	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND: U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE04			WHSSBE06			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBF03			WHSSBF03		
Sample ID	281WHSSS046			281WHSSS022			281WHSSS102			281WHSSS103			281WHSSS104			281WHSSS105			281WHSSS055A			281WHSSS056		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/21/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			07/25/95			07/25/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 4.00			5.50 - 6.50			9.00 - 10.30			0.00 - 0.50			1.50 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in ug/Kg)																								
GAMMA-CHLORDANE	NA			NA			NA			ND	4	U	ND	2	U	ND	5	U	NA			ND	3	U
HEPTACHLOR	NA			NA			NA			ND	4	UJ	ND	2	UJ	ND	5	UJ	NA			ND	3	U
HEPTACHLOR EPOXIDE	NA			NA			NA			ND	4	U	ND	2	U	ND	5	U	NA			ND	3	U
METHOXYCHLOR	NA			NA			NA			ND	44	U	ND	20	U	ND	46	U	NA			ND	31	U
TOXAPHENE	NA			NA			NA			ND	440	U	ND	200	U	ND	460	U	NA			ND	310	U
Explosives (in ug/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
HMX	NA			NA			NA			NA			NA			NA			NA			ND	120	U
NITROBENZENE	NA			NA			NA			NA			NA			NA			NA			ND	120	U
RDX	NA			NA			NA			NA			NA			NA			NA			ND	120	U
TETRYL	NA			NA			NA			NA			NA			NA			NA			ND	120	U
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	14,800	3.3		11,100	3.4		7,690	6.2		20,900	8.5		14,400	3.9		25,800 Γ	9.1		9,750	3.4		25,900	6.2	
ANTIMONY	5.7 θΓ	0.43	J	1.9 Γ	0.44	J	5.7 θΓ	0.80	J	2.2 θΓ	1.1	J	1.7	0.51	J	1.4	1.2	J	ND	0.79	U	ND	0.79	UJ
ARSENIC	18.4 *θ	0.57		6.3 *	0.59		9.2 *	1.1		8.4 *θ	1.5		8.2 *	0.67		13.3 *θ	1.6		6.7 *	0.59	J	21.3 *θ	1.1	J
BARIUM	103	0.060		145	0.060		63.2	0.11		545 Γ	0.16		189	0.070		58.8	0.17		233	0.060		70.6	0.11	
BERYLLIUM	ND	0.020	U	0.080	0.020		ND	0.040	U	ND	0.050	U	ND	0.020	U	ND	0.060	U	ND	0.10	U	ND	0.040	U
CADMIUM	18.2 *θθΓσ	0.040		ND	0.040	U	ND	0.080	U	ND	0.10	U	ND	0.050	U	ND	0.11	U	4.1 θΓ	0.040		ND	0.080	U
CALCIUM	7,650	2.9	J	4,220	3.0		4,430	5.5		12,200	7.5		5,780	3.5		5,310	8.0		14,000	3.0		3,380	5.4	
CHROMIUM	41.5	0.36		38.6	0.38		38.6	0.69		83.2	0.94		52.3	0.43		81.9 θΓ	1.0		23.8	0.38	J	72.6	0.68	J
COBALT	18.3	0.10		10.9	0.11		6.6	0.19		23.1 Γ	0.26		18.6	0.12		25.6 Γ	0.28		11.5	0.11		13.1	0.19	
COPPER	173 θΓσ	0.15		35.0 θ	0.17		78.3 θΓ	0.31		55.7 θ	0.42		74.1 θΓ	0.19		28.4	0.45		42.0 θ	0.17	J	45.2 θ	0.30	J
IRON	57,000	3.2		18,500	3.3		18,900	6.0		55,700	8.2		42,500	3.8		37,100	8.8		18,700	3.3	J	21,600	5.9	J

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE04			WHSSBE05			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBP03			WHSSBP03		
Sample ID	281WHSSS046			281WHSSS022			281WHSSS102			281WHSSS103			281WHSSS104			281WHSSS105			281WHSSS055A			281WHSSS056		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/21/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			07/25/95			07/25/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 4.00			5.50 - 6.50			9.00 - 10.30			0.00 - 0.50			1.50 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	593 *#θΓσ	0.30		91.2 θΓσ	0.32	J	320 *#θΓσ	0.57		24.5	0.79		47.4 θ	0.36		12.7	0.84		45.1 θ	0.32	J	29.5	0.57	J
MAGNESIUM	8,990	3.3		5,150	3.5		5,540	6.3		14,400	3.6		10,300	3.9		13,600	9.2		6,970	3.5		8,750	6.2	
MANGANESE	731	0.12	J	366	0.13	J	110	0.23		877 Γ	0.31		622	0.14		337	0.34		901 Γ	0.13		224	0.23	
MERCURY	0.62 #θΓσ	0.020		0.10	0.020		0.20 θ	0.040		ND	0.13	U	ND	0.060	U	ND	0.14	U	ND	0.050	UJ	ND	0.43	U
MOLYBDENUM	ND	1.8	U	0.25	0.19		0.94	0.34	J	1.5	0.47	J	1.3	0.22	J	6.6 Γ	0.50	J	ND	0.82	U	ND	2.2	U
NICKEL	43.9 θ	0.67		11.9 θ	0.70		27.5	1.3		103 #θΓ	1.7		115 #θΓ	0.79		111 #θΓ	1.8		35.3 θ	0.70		57.8 #θ	1.2	
POTASSIUM	1,860	5.6	J	1,480	5.9	J	1,320	10.7	J	1,130	14.6	J	1,320	6.7	J	5,320	15.5	J	2,350	5.9	J	3,720	10.5	J
SELENIUM	ND	0.69	U	ND	0.72	U	ND	1.3	U	ND	1.8	U	ND	0.82	U	ND	1.9	U	ND	0.72	U	ND	1.3	U
SILVER	ND	0.15	U	ND	0.13	U	0.23 Γ	0.23	U	ND	0.31	U	ND	0.14	U	ND	0.34	U	ND	0.13	U	ND	0.23	U
SODIUM	392	25.9	J	999	27.0	J	3,690	49.0	J	4,930	67.0		2,650	30.6	J	13,500	71.5	J	2,490	27.0	J	5,440	48.4	J
THALLIUM	ND	0.40	U	ND	0.42	U	ND	0.77	U	2.2 Γ	1.0		ND	0.48	U	ND	1.1	U	0.95	0.42		ND	0.75	U
VANADIUM	64.3	0.12		40.0	0.13		33.1	0.23		163 Γ	0.31		79.1	0.14		95.8 Γ	0.34		41.1	0.13		86.8 Γ	0.23	
ZINC	544 #θΓσ	0.060		155 θ	0.060		244 θΓσ	0.11		141	0.16		136	0.070		92.3	0.17		285 θΓσ	0.060		89.1	0.11	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			60.0	50.0	J	NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			ND	11.0	UJ	ND	18.8	UJ	NA	112	U	NA	120	U	1,380	2.0	U	ND	12.2	UJ	ND	15.8	U
TOTAL ORGANIC CARBON	NA			41,700	100	J	89,400	100		ND			ND			69,800	100		ND	125	J	31,200	100	
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier. TOC = Total Organic Carbon

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CCOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE04			WHSSBE06			WHSSBE07			WHSSBE08			WHSSBE08			WHSSBE08			WHSSBF03			WHSSBF03		
Sample ID	281WHSSS046			281WESSS022			281WHSSS102			281WHSSS103			281WHSSS104			281WHSSS105			281WESSS058A			281WESSS056		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/21/95			07/19/95			08/25/95			08/25/95			08/25/95			08/25/95			07/25/95			07/25/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 4.00			5.50 - 6.50			9.00 - 10.30			0.00 - 0.50			1.50 - 2.30		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in ug/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			8.0			49.0			NA			NA			NA			26.0			NA		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	7.6			6.7			8.2			8.1			8.3			8			8.8			7.1		

Notes: Detected concentrations are shaded.

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBF03			WHSSBF03			WHSSBF07			WHSSBG02			WHSSBG05			WHSSBG06			WESSBG06			WHSSBG06		
Sample ID	281WHSSS057			281WHSSS058			281WHSSS007			281WHSSS093			281WHSSS098			281WESSS099			281WHSSS100			281WHSSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/17/95			08/11/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	4.50 - 5.90			9.80 - 10.80			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			4.50 - 5.00			9.00 - 11.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
1,1,2,2-TETRACHLOROETHANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
1,1,2-TRICHLOROETHANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
1,1-DICHLOROETHANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
1,1-DICHLOROETHENE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
1,2-DICHLOROETHANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
1,2-DICHLOROETHENE (TOTAL)	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
1,2-DICHLOROPROPANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
2-BUTANONE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
2-HEXANONE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
4-METHYL-2-PENTANONE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
ACETONE	ND	71	U	ND	120	U	NA			NA			ND	15	U	ND	54	U	ND	70	U	ND	200	U
BENZENE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
BROMODICHLOROMETHANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
BROMOFORM	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
BROMOMETHANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
CARBON DISULFIDE	ND	19	U	23	21		NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	77	U
CARBON TETRACHLORIDE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
CHLOROBENZENE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
CHLOROETHANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
CHLOROFORM	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
CHLOROMETHANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
CIS-1,3-DICHLOROPROPENE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
DIBROMOCHLOROMETHANE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
ETHYLBENZENE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
METHYLENE CHLORIDE	ND	64	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	57	U
STYRENE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
TETRACHLOROETHENE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
TOLUENE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBF03			WHSSBF03			WHSSBF07			WHSSBG02			WHSSBG06			WHSSBG06			WHSSBG06			WHSSBG06		
Sample ID	281WHSSS057			281WHSSS058			281WHSSS007			281WHSSS093			281WHSSS098			281WHSSS099			281WHSSS100			281WHSSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/17/95			08/11/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	4.50 - 5.90			9.50 - 10.80			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			4.50 - 5.00			9.00 - 11.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
TRICHLOROETHENE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
VINYL CHLORIDE	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
XYLENE (TOTAL)	ND	19	U	ND	21	U	NA			NA			ND	12	U	ND	12	U	ND	12	U	ND	36	U
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
1,2,4-TRICHLOROBENZENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
1,2-DICHLOROBENZENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
1,3-DICHLOROBENZENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
1,4-DICHLOROBENZENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
1-METHYLNAPHTHALENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
1-METHYLPHENANTHRENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			ND	2,500	U	ND	810	U	ND	98	U	NA			NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2,4-DICHLOROPHENOL	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2,4-DINITROPHENOL	NA			NA			ND	2,500	U	ND	810	U	ND	98	U	NA			NA			NA		
2,4-DINITROTOLUENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2,6-DIMETHYLNAPHTHALENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2,6-DINITROTOLUENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2-CHLORONAPHTHALENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2-CHLOROPHENOL	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2-METHYLNAPHTHALENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2-METHYLPHENOL	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
2-NITROANILINE	NA			NA			ND	2,500	U	ND	810	U	ND	98	U	NA			NA			NA		
2-NITROPHENOL	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			ND	1,000	U	ND	320	U	ND	39	UJ	NA			NA			NA		
3-NITROANILINE	NA			NA			ND	2,500	U	ND	810	U	ND	98	UJ	NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			ND	2,500	U	ND	810	U	ND	98	U	NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
4-CHLOROANILINE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBF03			WHSSBF03			WESSBF07			WHSSBG02			WHSSBG06			WHSSBG06			WHSSBG06			WHSSBG06		
Sample ID	281WHSSS057			281WHSSS058			281WHSSS007			281WHSSS093			281WHSSS098			281WHSSS099			281WHSSS100			281WHSSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/17/95			08/11/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	4.50 - 5.90			9.50 - 10.80			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.20 - 2.00			4.50 - 5.00			9.00 - 11.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
4-METHYLPHENOL	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
4-NITROANILINE	NA			NA			ND	2,500	U	ND	810	U	ND	98	UJ	NA			NA			NA		
4-NITROPHENOL	NA			NA			ND	2,500	U	ND	810	U	ND	98	U	NA			NA			NA		
ACENAPHTHENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
ACENAPHTHYLENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
ANTHRACENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
BENZO(A)ANTHRACENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
BENZO(A)PYRENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
BENZO(E)PYRENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
BENZOIC ACID	NA			NA			ND	1,000	U	1,100	810	J	ND	98	U	NA			NA			NA		
BENZYL ALCOHOL	NA			NA			ND	1,000	U	ND	320	U	ND	39	UJ	NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
CARBAZOLE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
CHRYSENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
DIBENZOFURAN	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
DIBENZOTHIOPHENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
DIETHYLPHTHALATE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
DIMETHYLPHTHALATE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
FLUORANTHENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
FLUORENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
HEXACHLOROBUTADIENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			ND	1,000	UJ	ND	320	UJ	ND	39	U	NA			NA			NA		
HEXACHLOROETHANE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBF03			WHSSBF03			WHSSBF07			WESSBG02			WESSBG06			WESSBG06			WESSBG06			WESSBG06		
Sample ID	281WHSSS057			281WHSSS058			281WESSS007			281WHSSSC93			281WHSSSC98			281WHSSS099			281WHSSS100			281WESSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/17/95			08/11/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	4.50 - 5.90			9.50 - 10.80			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			4.50 - 5.00			9.00 - 11.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
ISOPHORONE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
NAPHTHALENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
NITROBENZENE	NA			NA			ND	1,000	U	ND	320	U	ND	39	U	NA			NA			NA		
PENTACHLOROPHENOL	NA			NA			ND	2,500	U	ND	810	U	ND	98	U	NA			NA			NA		
PERYLENE	NA			NA			ND	1,000	U	ND	320	J	ND	39	U	NA			NA			NA		
PHENANTHRENE	NA			NA			ND	1,000	U	ND	320	J	ND	39	U	NA			NA			NA		
PHENOL	NA			NA			ND	1,000	U	ND	320	J	ND	39	U	NA			NA			NA		
PYRENE	NA			NA			ND	1,000	U	ND	320	J	ND	39	U	NA			NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
1,2-DICHLOROBENZENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
1,3-DICHLOROBENZENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
1,4-DICHLOROBENZENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2,4,5-TRICHLOROPHENOL	ND	1,600	U	ND	1,800	U	NA			NA			NA			ND	950	U	ND	1,000	U	ND	2,800	U
2,4,6-TRICHLOROPHENOL	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2,4-DICHLOROPHENOL	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2,4-DIMETHYLPHENOL	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2,4-DINITROPHENOL	ND	1,600	U	ND	1,800	U	NA			NA			NA			ND	950	U	ND	1,000	U	ND	2,800	U
2,4-DINITROTOLUENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2,6-DINITROTOLUENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2-CHLORONAPHTHALENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2-CHLOROPHENOL	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2-METHYLNAPHTHALENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2-METHYLPHENOL	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
2-NITROANILINE	ND	1,600	U	ND	1,800	U	NA			NA			NA			ND	950	U	ND	1,000	U	ND	2,800	U
2-NITROPHENOL	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
3,3'-DICHLOROBENZIDINE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
3-NITROANILINE	ND	1,600	U	ND	1,800	U	NA			NA			NA			ND	950	U	ND	1,000	U	ND	2,800	U
4,6-DINITRO-2-METHYLPHENOL	ND	1,600	U	ND	1,800	U	NA			NA			NA			ND	950	U	ND	1,000	U	ND	2,800	U
4-BROMOPHENYL-PHENYLETHER	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

9 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

ƒ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTCs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBF03			WHSSBF03			WHSSBF07			WHSSBG02			WHSSBG06			WHSSBG06			WHSSBG06			WHSSBG06		
Sample ID	281WHSSS057			281WHSSS058			281WHSSS007			281WHSSS093			281WHSSS098			281WHSSS099			281WHSSS100			281WHSSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/17/95			08/11/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	4.50 - 5.90			9.50 - 10.80			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			4.50 - 5.00			9.00 - 11.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-CHLORO-3-METHYLPHENOL	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
4-CHLOROANILINE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
4-CHLOROPHENYL-PHENYLETHER	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
4-METHYLPHENOL	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
4-NITROANILINE	ND	1,600	U	ND	1,800	U	NA			NA			NA			ND	950	U	ND	1,000	U	ND	2,800	U
4-NITROPHENOL	ND	1,600	U	ND	1,800	U	NA			NA			NA			ND	950	U	ND	1,000	U	ND	2,800	U
ACENAPHTHENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
ACENAPHTHYLENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
ANTHRACENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
BENZO(A)ANTHRACENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
BENZO(A)PYRENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
BENZO(B)FLUORANTHENE	440	630	J	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
BENZO(G,H,I)PERYLENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
BENZO(K)FLUORANTHENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
BIS(2-CHLOROETHOXY)METHANE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
BIS(2-CHLOROETHYL)ETHER	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
BUTYLBENZYLPHTHALATE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
CARBAZOLE	350	630	J	ND	710	U	NA			NA			NA			ND	390	UJ	ND	410	U	ND	1,200	U
CHRYSENE	330	630	J	ND	710	U	NA			NA			NA			ND	390	J	ND	410	U	ND	1,200	U
DI-N-BUTYLPHTHALATE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
DI-N-OCTYLPHTHALATE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
DIBENZ(A,H)ANTHRACENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
DIBENZOFURAN	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
DIETHYLPHTHALATE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
DIMETHYLPHTHALATE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
FLUORANTHENE	760 θ	630		ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
FLUORENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
HEXACHLOROBENZENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
HEXACHLOROBUTADIENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
HEXACHLOROCYCLOPENTADIENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
HEXACHLOROETHANE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
INDENO(1,2,3-CD)PYRENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
ISOPHORONE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBF03			WHSSBF03			WHSSBF07			WHSSBG02			WHSSBG06			WHSSBG06			WHSSBG06			WHSSBG06		
Sample ID	281WHSSS057			281WHSSS058			281WHSSS007			281WHSSS092			281WHSSS098			281WHSSS099			281WHSSS100			281WHSSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/27/95			08/11/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	4.50 - 5.90			9.50 - 10.80			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			4.50 - 5.00			9.00 - 11.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
N-NITROSODIPHENYLAMINE (1)	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
NAPETHALENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
NITROBENZENE	ND	630	U	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
PENTACHLOROPHENOL	ND	1,600	U	ND	1,800	U	NA			NA			NA			ND	950	U	ND	1,000	U	ND	2,800	U
PHENANTHRENE	490 θ	630	J	ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
PHENOL	ND	630	U	680	700	J	NA			NA			NA			ND	390	U	ND	410	U	4,600	1,200	
PYRENE	640	630		ND	710	U	NA			NA			NA			ND	390	U	ND	410	U	ND	1,200	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			NA			ND	0.2	U	0.9	0.4		1	0.1	J	NA			NA			NA		
2,4'-DDE	NA			NA			ND	0.2	U	1	0.4		0.8	0.1	J	NA			NA			NA		
2,4'-DDT	NA			NA			ND	0.2	U	ND	0.4	U	ND	0.1	UJ	NA			NA			NA		
4,4'-DDD	NA			NA			ND	0.2	U	18 θ	0.4		5 θ	0.1	J	NA			NA			NA		
4,4'-DDE	NA			NA			ND	0.2	U	4 θ	0.4		0.9	0.1	J	NA			NA			NA		
4,4'-DDT	NA			NA			0.3	0.2	J	3 θ	0.4		0.5	0.1	J	NA			NA			NA		
ALDRIN	NA			NA			ND	0.2	U	ND	0.4	U	0.1	0.1	J	NA			NA			NA		
ALPHA-CHLORDANE	NA			NA			ND	0.2	U	2 θ	0.4		1 θ	0.1	J	NA			NA			NA		
DIELDRIN	NA			NA			ND	0.2	U	3 θ	0.4		0.5 θ	0.1	J	NA			NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			ND	0.2	U	ND	0.4	U	ND	0.1	UJ	NA			NA			NA		
HEPTACHLOR	NA			NA			ND	0.2	U	ND	0.4	U	ND	0.1	UJ	NA			NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			ND	0.2	U	ND	0.4	U	ND	0.1	UJ	NA			NA			NA		
HEXACHLOROBENZENE	NA			NA			ND	0.2	U	ND	0.4	U	0.2	0.1	J	NA			NA			NA		
MIREX	NA			NA			ND	0.2	U	ND	0.4	U	0.7	0.1	J	NA			NA			NA		
PCB-101 (2,2',3,5,5')	NA			NA			ND	0.2	UJ	0.5	0.4		0.4	0.1	J	NA			NA			NA		
PCB-105 (2,3,3',4,4')	NA			NA			ND	0.2	UJ	0.8	0.4		0.3	0.1	J	NA			NA			NA		
PCB-118 (2,3',4,4',5)	NA			NA			ND	0.2	UJ	1	0.4		0.4	0.1	J	NA			NA			NA		
PCB-126 (3,3',4,4',5)	NA			NA			ND	0.2	UJ	ND	0.4	U	ND	0.1	UJ	NA			NA			NA		
PCB-128 (2,2',3,3',4,4')	NA			NA			ND	0.2	UJ	ND	0.4	U	0.2	0.1	J	NA			NA			NA		
PCB-138 (2,2',3,4,4',5')	NA			NA			ND	0.2	UJ	2	0.4		0.5	0.1	J	NA			NA			NA		
PCB-153 (2,2',4,4',5,5')	NA			NA			ND	0.2	UJ	1	0.4		0.5	0.1	J	NA			NA			NA		
PCB-170 (2,2',3,3',4,4',5)	NA			NA			ND	0.2	UJ	ND	0.4	U	0.2	0.1	J	NA			NA			NA		
PCB-18 (2,2',5)	NA			NA			ND	0.2	UJ	ND	0.4	U	ND	0.1	UJ	NA			NA			NA		
PCB-180 (2,2',3,4,4',5,5')	NA			NA			ND	0.2	UJ	1	0.4		ND	0.1	UJ	NA			NA			NA		
PCB-187 (2,2',3,4',5,5',6)	NA			NA			ND	0.2	UJ	0.9	0.4		0.2	0.1	J	NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBF03			WHSSBF03			WHSSBF07			WHSSBG02			WHSSBG06			WHSSBG06			WHSSBG06			WHSSBG06		
Sample ID	281WHSSS057			281WHSSS058			281WHSSS007			281WHSSS093			281WHSSS098			281WHSSS099			281WHSSS100			281WHSSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/27/95			08/11/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	4.50 - 5.90			9.50 - 10.80			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			4.50 - 5.00			5.00 - 11.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	NA			NA			ND	0.2	UJ	ND	0.4	U	ND	0.1	UJ	NA			NA			NA		
PCB-206 (2,2,',3,3',4,4',5,5',	NA			NA			ND	0.2	UJ	0.7	0.4		ND	0.1	UJ	NA			NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			NA			ND	0.2	UJ	ND	0.4	U	ND	0.2	U	NA			NA			NA		
PCB-28 (2,4,4')	NA			NA			ND	0.2	UJ	ND	0.4	U	ND	0.1	UJ	NA			NA			NA		
PCB-44 (2,2',3,5')	NA			NA			ND	0.2	UJ	ND	0.4	UJ	ND	0.1	UJ	NA			NA			NA		
PCB-52 (2,2',5,5')	NA			NA			ND	0.2	UJ	ND	0.4	U	0.3	0.1	J	NA			NA			NA		
PCB-66 (2,3',4,4')	NA			NA			ND	0.2	UJ	ND	0.4	U	0.5	0.1	J	NA			NA			NA		
PCB-77 (3,3',4,4')	NA			NA			ND	0.2	UJ	ND	0.4	U	ND	0.1	UJ	NA			NA			NA		
PCB-8 (2,4')	NA			NA			ND	0.2	UJ	ND	0.4	U	ND	0.1	UJ	NA			NA			NA		
TRANS-NONACHLOR	NA			NA			ND	0.2	U	2	0.4		0.6	0.1	J	NA			NA			NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	3.9	6		ND	7	U	NA			NA			NA			ND	4	U	ND	4	U	ND	12	U
4,4'-DDE	ND	6	U	ND	7	U	NA			NA			NA			ND	4	U	ND	4	U	ND	12	U
4,4'-DDT	11 #θ	6		ND	7	U	NA			NA			NA			ND	4	UJ	ND	4	JJ	ND	12	UJ
ALDRIN	ND	3	U	ND	4	U	NA			NA			NA			ND	2	UJ	ND	2	JJ	ND	6	UJ
ALPHA-BHC	ND	3	U	ND	4	U	NA			NA			NA			ND	2	U	ND	2	U	ND	6	U
ALPHA-CHLORDANE	ND	3	U	ND	4	U	NA			NA			NA			ND	2	U	ND	2	U	ND	6	U
AROCLOR-1016	ND	63	U	ND	71	U	NA			NA			NA			ND	40	U	ND	42	U	ND	120	U
AROCLOR-1221	ND	130	U	ND	140	U	NA			NA			NA			ND	79	U	ND	83	U	ND	240	U
AROCLOR-1232	ND	63	U	ND	71	U	NA			NA			NA			ND	40	U	ND	42	U	ND	120	U
AROCLOR-1242	ND	63	U	ND	71	U	NA			NA			NA			ND	40	U	ND	42	U	ND	120	U
AROCLOR-1248	ND	63	U	ND	71	U	NA			NA			NA			ND	40	U	ND	42	U	ND	120	U
AROCLOR-1254	ND	63	U	ND	71	U	NA			NA			NA			ND	40	U	ND	42	U	ND	120	U
AROCLOR-1260	ND	63	U	ND	71	U	NA			NA			NA			ND	40	U	ND	42	U	ND	120	U
BETA-BHC	ND	3	U	ND	4	U	NA			NA			NA			ND	2	U	ND	2	U	ND	6	U
DELTA-BHC	ND	3	U	ND	4	U	NA			NA			NA			ND	2	U	ND	2	U	ND	6	U
DIELDRIN	ND	6	U	ND	7	U	NA			NA			NA			ND	4	UJ	ND	4	UJ	ND	12	UJ
ENDOSULFAN I	ND	3	U	ND	4	U	NA			NA			NA			ND	2	U	ND	2	U	ND	6	U
ENDOSULFAN II	ND	6	U	ND	7	U	NA			NA			NA			ND	4	U	ND	4	U	ND	12	U
ENDOSULFAN SULFATE	ND	6	U	ND	7	U	NA			NA			NA			ND	4	U	ND	4	U	ND	12	U
ENDRIN	ND	6	U	ND	7	U	NA			NA			NA			ND	4	UJ	ND	4	UJ	ND	12	UJ
ENDRIN ALDEHYDE	ND	6	U	ND	7	U	NA			NA			NA			ND	4	U	ND	4	U	ND	12	U
ENDRIN KETONE	ND	6	U	ND	7	U	NA			NA			NA			ND	4	U	ND	4	U	ND	12	U
GAMMA-BHC (LINDANE)	ND	3	U	ND	4	U	NA			NA			NA			ND	2	UJ	ND	2	UJ	ND	6	UJ

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBF03			WHSSBF03			WHSSBF07			WHSSBG02			WHSSBG06			WHSSBG06			WHSSBG06			WHSSBG06		
Sample ID	281WHSSS057			281WHSSS058			281WHSSSC07			281WHSSS093			281WHSSSC98			281WHSSS099			281WHSSS1C0			281WESSS101		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/17/95			08/11/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	4.80 - 5.30			9.80 - 10.80			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			4.50 - 5.00			9.00 - 11.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	ND	3	U	ND	4	U	NA			NA			NA			ND	2	U	ND	2	U	ND	6	U
HEPTACHLOR	ND	3	U	ND	4	U	NA			NA			NA			ND	2	UJ	ND	2	UJ	ND	6	UJ
HEPTACHLOR EPOXIDE	ND	3	U	ND	4	U	NA			NA			NA			ND	2	U	ND	2	U	ND	6	J
METHOXYCHLOR	ND	31	U	ND	35	U	NA			NA			NA			ND	20	U	ND	21	U	ND	60	J
TOXAPHENE	ND	310	U	ND	350	U	NA			NA			NA			ND	200	U	ND	210	U	ND	600	J
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
1,3-DINITROBENZENE	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
2,4,6-TRINITROTOLUENE	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
2,4-DINITROTOLUENE	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
2,6-DINITROTOLUENE	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
2-NITROTOLUENE	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
3-NITROTOLUENE	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
4-NITROTOLUENE	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
HMX	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
NITROBENZENE	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
RDX	ND	120	U	ND	120	U	NA			NA			NA			ND	120	U	ND	120	U	NA		
TETRYL	ND	120	U	ND	120	U	NA			NA			NA			ND	120	UJ	ND	120	UJ	NA		
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	NA		
GASOLINE	NA			NA			NA			NA			ND	0.6	U	ND	0.6	U	ND	0.6	U	NA		
MOTOR OIL	NA			NA			NA			NA			ND	12	U	ND	12	U	ND	13	U	NA		
Total Metals (in mg/Kg)																								
ALUMINUM	20,600	6.2		27,300 Γ	6.9		9,040	4.5		12,900	9.9		12,200	3.9		12,100	3.9		9,390	4.1		20,600	11.6	
ANTIMONY	ND	1.0	UJ	ND	1.5	U	0.66	0.58	J	3.2 θΓ	1.3		0.86	0.50	J	ND	0.50	UJ	ND	0.53	UJ	ND	1.5	UJ
ARSENIC	13.3 *θ	1.1	J	10.5 *θ	1.2	J	4.8 *	0.77		27.1 *θΓ	1.7		2.9 *	0.67		3.9 *	0.67		5.5 *	0.70		3.1 *	2.0	
BARIUM	130	0.11		57.4	0.13		211	0.080		109	0.18		107	0.070		329 Γ	0.070		233	0.080		57.5	0.21	
BERYLLIUM	ND	0.040	U	ND	0.10	U	0.070	0.030		ND	0.060	U	0.32 *Γ	0.020		ND	0.020	U	0.11	0.030		ND	0.070	U
CADMIUM	1.9 θΓ	0.080		ND	0.080	U	0.28	0.060		1.7 θΓ	0.12		ND	0.050	U	ND	0.050	U	ND	0.050	U	ND	0.14	U
CALCIUM	10,400	5.4		6,000	6.1		3,770	4.0		4,440	8.8		5,380	3.4		112,000	3.4		7,290	3.6		7,170	10.3	
CHROMIUM	80.7	0.68	J	95.2 θΓ	0.76	J	28.2	0.50		54.0	1.1		28.0	0.43		43.0	0.43		17.7	0.45		58.6	1.3	
COBALT	16.0	0.19		19.6	0.21		8.8	0.14		5.8	0.30		11.3	0.12		10.3	0.12		8.5	0.13		7.4	0.35	
COPPER	59.1 θΓ	0.30	J	34.9 θ	0.34	J	ND	24.4	U	67.7 θΓ	0.45		15.4	0.19		37.3 θ	0.19		20.7	0.20		23.8	0.57	
IRON	42,600	5.9	J	44,400	5.6	J	13,700	4.3		14,000	9.6	J	14,600	3.7		18,600	3.7		13,200	3.9		19,300	11.2	

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Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/25/95			07/25/95			07/17/95			08/11/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	4.50 - 5.90			9.50 - 10.80			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			4.50 - 5.00			9.00 - 11.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	728 *#@Ir	0.57	J	23.9	0.63	J	22.3	0.41		103 @Ir	0.91		7.2	0.36		6.2	0.36		7.0	0.38		8.3	1.1	
MAGNESIUM	9,640	6.2		25,600	6.9		5,710	4.5		8,050	10.0		5,180	3.9		6,070	3.9		6,520	4.1		15,400	11.7	
MANGANESE	653	0.23		418	0.25		258	0.17	J	167	0.37		435	0.14		374	0.14		254	0.15		351	0.43	
MERCURY	ND	0.15	U	ND	0.11	UJ	ND	0.070	U	ND	0.15	U	ND	0.060	U	0.070	0.020		ND	0.060	J	ND	0.18	U
MOLYBDENUM	1.3	0.34		ND	0.38	U	ND	0.25	U	2.4	0.55		ND	0.21	UJ	ND	0.21	UJ	ND	0.23	UJ	4.5	0.64	J
NICKEL	87.4 #@	1.2		91.8 #@	1.4		39.5 @	0.91		45.1 @	2.0		40.7 @	0.79		35.8 @	0.78		30.0 @	0.83		69.1 @	2.4	
POTASSIUM	3,440	10.5	J	6,120	12.8	J	2,340	7.7	J	3,850	17.0	J	1,290	5.6	J	1,390	6.6	J	2,340	7.0	J	6,050	19.9	J
SELENIUM	ND	1.3	U	ND	1.4	U	ND	0.94	U	ND	2.1	U	ND	0.81	U	ND	0.81	U	ND	0.85	U	ND	2.4	U
SILVER	ND	0.23	U	ND	0.25	U	ND	0.17	U	ND	0.37	U	ND	0.14	U	ND	0.14	U	ND	0.15	U	ND	0.43	U
SODIUM	5,650	48.3	J	6,580	54.1	J	2,700	35.2		9,370	78.0	J	4,090	30.5		2,770	30.4		7,710	32.1		42,500	91.4	
THALLIUM	ND	0.75	J	ND	0.85	J	ND	0.55	U	ND	1.2	U	ND	0.48	U	ND	0.48	U	ND	0.50	U	ND	2.4	U
VANADIUM	68.6	0.23		76.6	0.25		35.2	0.17		73.4	0.37		35.6	0.14		54.2	0.14		47.8	0.15		64.2	0.43	
ZINC	1,440 #@Ir	0.11		122	0.13		92.8	0.080		342 @Ir	0.18	J	35.7	0.070		48.8	0.070		50.0	0.080		59.4	0.21	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	103	1.0		ND	22.2	U	ND	15.0	UJ	58.1	1.0	J	ND	12.3	UJ	ND	11.7	UJ	75.0	1.0	J	ND	43.3	UJ
TOTAL ORGANIC CARBON	6,690	100		16,800	100		27,000	100		118,000	100		1,670	100		ND	121	U	255	100		284,000	100	
Dioxin (in ng/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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\# = Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

@ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBF03			WESSBF03			WHSSBF07			WHSSBG02			WHSSBG06			WHSSBG06			WHSSBG06			WESSBG05		
Sample ID	281WHSSS057			281WHSSS058			281WHSSS0C7			281WHSSSC93			281WHSSS093			281WHSSSC99			281WHSSS100			281WHSSS101		
Matrix	SOIL			SOIL			SCIL			SCIL			SOIL			SOIL			SOIL			SCIL		
Sample Date	07/25/95			07/25/95			07/17/95			08/11/95			08/25/95			08/25/95			08/25/95			08/25/95		
Sample Depth (in feet)	4.50 - 5.90			9.50 - 10.80			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.10 - 2.00			4.50 - 5.00			9.00 - 11.30		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Dioxin (in ng/kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			NA			35.0			66.0			15.0			NA			NA			NA		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	7.9			8.1			6.8			7			7.9			8.8			8.1			7.6		

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WESSBG08			WESSBH03			WHSSBH07			WHSSBH07			WHSSBH07			WESSBH07			WESSBI02			WHSSBI06		
Sample ID	281WHSSS077			281WHSSS011			281WHSSS094			281WHSSS096			281WHSSS097			281WESSS115			281WHSSS023			281WHSSS029		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/18/95			08/24/95			08/24/95			08/24/95			08/31/95			07/19/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			4.00 - 5.00			8.00 - 10.10			1.30 - 2.30			0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
1,1,2-TRICHLOROETHANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
1,1-DICHLOROETHANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
1,1-DICHLOROETHENE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
1,2-DICHLOROETHANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
1,2-DICHLOROPROPANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
2-BUTANONE	NA			NA			NA			ND	100	U	ND	59	U	NA			NA			NA		
2-HEXANONE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
4-METHYL-2-PENTANONE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
ACETONE	NA			NA			NA			ND	470	U	ND	330	U	NA			NA			NA		
BENZENE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
BROMODICHLOROMETHANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
BROMOFORM	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
BROMOMETHANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
CARBON DISULFIDE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
CARBON TETRACHLORIDE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
CHLOROBENZENE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
CHLOROETHANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
CHLOROFORM	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
CHLOROMETHANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
DIBROMOCHLOROMETHANE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
METHYLENE CHLORIDE	NA			NA			NA			ND	47	U	ND	66	U	NA			NA			NA		
STYRENE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
TETRACHLOROETHENE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
TOLUENE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBH08			WHSSBH03			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBI02			WHSSBI05		
Sample ID	281WHSSS077			281WHSSS011			281WHSSS094			281WHSSS096			281WHSSS097			281WHSSS115			281WHSSS023			281WHSSS029		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/18/95			08/24/95			08/24/95			08/24/95			08/31/95			07/19/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			4.00 - 5.00			8.00 - 10.10			1.30 - 2.30			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in ug/Kg)																								
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
TRICHLOROETHENE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
VINYL CHLORIDE	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			ND	40	U	ND	59	U	NA			NA			NA		
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
1,2,4-TRICHLOROBENZENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
1,2-DICHLOROBENZENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
1,3-DICHLOROBENZENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
1,4-DICHLOROBENZENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
1-METHYLNAPHTHALENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
1-METHYLPHENANTHRENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2,4,5-TRICHLOROPHENOL	NA			ND	2,200	U	ND	110	U	NA			NA			NA			ND	53,000	U	NA		
2,4,6-TRICHLOROPHENOL	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2,4-DICHLOROPHENOL	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2,4-DIMETHYLPHENOL	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2,4-DINITROPHENOL	NA			ND	2,200	U	ND	110	U	NA			NA			NA			ND	53,000	U	NA		
2,4-DINITROTOLUENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2,6-DIMETHYLNAPHTHALENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2,6-DINITROTOLUENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2-CHLORONAPHTHALENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2-CHLOROPHENOL	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2-METHYLNAPHTHALENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2-METHYLPHENOL	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
2-NITROANILINE	NA			ND	2,200	U	ND	110	U	NA			NA			NA			ND	55,000	U	NA		
2-NITROPHENOL	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
3,3'-DICHLOROBENZIDINE	NA			ND	920	U	ND	43	UJ	NA			NA			NA			ND	22,000	U	NA		
3-NITROANILINE	NA			ND	2,200	U	ND	110	UJ	NA			NA			NA			ND	53,000	U	NA		
4,6-DINITRO-2-METHYLPHENOL	NA			ND	2,200	U	ND	110	U	NA			NA			NA			ND	53,000	U	NA		
4-BROMOPHENYL-PHENYLETHER	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
4-CHLORO-3-METHYLPHENOL	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
4-CHLOROANILINE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBG08			WHSSBH03			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBI02			WHSSBI06		
Sample ID	281WHSSS077			281WHSSS011			281WHSSS094			281WHSSS096			281WHSSS097			281WHSSS115			281WHSSS022			281WHSSS029		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/18/95			08/24/95			08/24/95			08/24/95			08/31/95			07/19/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			4.00 - 5.00			8.00 - 10.10			1.30 - 2.30			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
4-METHYLPHENOL	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
4-NITROANILINE	NA			ND	2,200	U	ND	110	UJ	NA			NA			NA			ND	53,000	U	NA		
4-NITROPHENOL	NA			ND	2,200	U	ND	110	U	NA			NA			NA			ND	53,000	U	NA		
ACENAPHTHENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
ACENAPHTHYLENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
ANTHRACENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
BENZO(A)ANTHRACENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
BENZO(A)PYRENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
BENZO(B)FLUORANTHENE	NA			ND	920	U	25	43	J	NA			NA			NA			ND	22,000	U	NA		
BENZO(E)PYRENE	NA			160	920	J	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
BENZO(G,H,I)PERYLENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
BENZO(K)FLUORANTHENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
BENZOIC ACID	NA			ND	2,200	U	76	110	J	NA			NA			NA			ND	53,000	U	NA		
BENZYL ALCOHOL	NA			ND	920	U	ND	43	UJ	NA			NA			NA			ND	22,000	U	NA		
BIS(2-CHLOROETHOXY)METHANE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
BIS(2-CHLOROETHYL)ETHER	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
BUTYLBENZYLPHTHALATE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
CARBAZOLE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
CHRYSENE	NA			ND	920	U	25	43	J	NA			NA			NA			ND	22,000	U	NA		
DI-N-BUTYLPHTHALATE	NA			ND	920	U	ND	44	U	NA			NA			NA			ND	22,000	U	NA		
DI-N-OCTYLPHTHALATE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
DIBENZ(A,H)ANTHRACENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
DIBENZOFURAN	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
DIBENZOTHIOPHENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
DIETHYLPHTHALATE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
DIMETHYLPHTHALATE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
FLUORANTHENE	NA			150	920	J	38	43	J	NA			NA			NA			ND	22,000	U	NA		
FLUORENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
HEXACHLOROBENZENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
HEXACHLOROBUTADIENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
HEXACHLOROCYCLOPENTADIENE	NA			ND	920	UJ	ND	43	U	NA			NA			NA			ND	22,000	UJ	NA		
HEXACHLOROETHANE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		

Notes: Detected concentrations are shaded.

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Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WESSBG08			WHSSBH03			WESSBH07			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBI02			WHSSBI06		
Sample ID	281WESSS077			281WHSSS011			281WHSSS094			281WHSSS096			281WHSSS097			281WHSSS115			281WESSS023			281WHSSS025		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/18/95			08/24/95			08/24/95			08/24/95			08/31/95			07/19/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			4.00 - 5.00			8.00 - 10.10			1.30 - 2.30			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
ISOPHORONE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
N-NITROSODIPHENYLAMINE (1)	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
NAPHTHALENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
NITROBENZENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
PENTACHLOROPHENOL	NA			ND	2,200	U	ND	110	U	NA			NA			NA			ND	53,000	U	NA		
PERYLENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
PHENANTHRENE	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
PHENOL	NA			ND	920	U	ND	43	U	NA			NA			NA			ND	22,000	U	NA		
PYRENE	NA			140	920	J	25	43	J	NA			NA			NA			ND	22,000	U	NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
1,2-DICHLOROBENZENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
1,3-DICHLOROBENZENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
1,4-DICHLOROBENZENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2,4,5-TRICHLOROPHENOL	NA			NA			NA			ND	3,300	U	ND	4,900	U	ND	800	U	NA			NA		
2,4,6-TRICHLOROPHENOL	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2,4-DICHLOROPHENOL	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2,4-DIMETHYLPHENOL	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2,4-DINITROPHENOL	NA			NA			NA			ND	3,300	U	ND	4,900	U	ND	800	U	NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2-CHLORONAPHTHALENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2-CHLOROPHENOL	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2-METHYLNAPHTHALENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2-METHYLPHENOL	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
2-NITROANILINE	NA			NA			NA			ND	3,300	U	ND	4,900	U	ND	800	U	NA			NA		
2-NITROPHENOL	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
3,3'-DICHLOROBENZIDINE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
3-NITROANILINE	NA			NA			NA			ND	3,300	UJ	ND	4,900	UJ	ND	800	U	NA			NA		
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			ND	3,300	U	ND	4,900	U	ND	800	U	NA			NA		
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBG08			WHSSBH03			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBI02			WHSSBI06		
Sample ID	281WHSSS077			281WHSSS011			281WHSSS094			281WHSSS096			281WHSSS097			281WHSSS115			281WHSSS023			281WHSSS029		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/18/95			08/24/95			08/24/95			08/24/95			08/31/95			07/19/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			4.00 - 5.00			8.00 - 10.10			1.30 - 2.30			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
4-CHLOROANILINE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
4-METHYLPHENOL	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
4-NITROANILINE	NA			NA			NA			ND	3,300	U	ND	4,900	U	ND	800	U	NA			NA		
4-NITROPHENOL	NA			NA			NA			ND	3,300	U	ND	4,900	U	NA			NA			NA		
ACENAPETHENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
ACENAPETHYLENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
ANTHRACENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
BENZO(A)ANTERACENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
BENZO(A)PYRENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	UJ	NA			NA		
BENZO(B)FLUORANTHENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	UJ	NA			NA		
BENZO(G,H,I)PERYLENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	UJ	NA			NA		
BENZO(K)FLUORANTHENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
BUTYLBENZYLPHTHALATE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
CARBAZOLE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
CHRYSENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
DI-N-BUTYLPHTHALATE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
DI-N-OCTYLPHTHALATE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	UJ	NA			NA		
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
DIBENZOFURAN	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
DIETHYLPHTHALATE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
DIMETHYLPHTHALATE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
FLUORANTHENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
FLUORENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
HEXACHLOROBENZENE	NA			NA			NA			ND	1,300	U	ND	2,300	U	ND	330	U	NA			NA		
HEXACHLOROBUTADIENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
HEXACHLOROETHANE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	UJ	NA			NA		
ISOPHORONE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBG08			WHSSBE03			WHSSBE07			WHSSBE07			WHSSBH07			WHSSBH07			WHSSBI02			WHSSBI06		
Sample ID	281WHSSS077			281WHSSS011			281WHSSS094			281WHSSS096			281WHSSS097			281WHSSS115			281WHSSS023			281WHSSS029		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/18/95			08/24/95			08/24/95			08/24/95			08/31/95			07/19/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			4.00 - 5.00			8.00 - 10.10			1.30 - 2.30			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
NAPHTHALENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
NITROBENZENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
PENTACHLOROPHENOL	NA			NA			NA			ND	3,300	U	ND	4,900	U	ND	800	U	NA			NA		
PHENANTHRENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
PHENOL	NA			NA			NA			1,400	1,300		2,000	2,000	J	370	330		NA			NA		
PYRENE	NA			NA			NA			ND	1,300	U	ND	2,000	U	ND	330	U	NA			NA		
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	NA			0.7	0.1	J	ND	0.1	UJ	NA			NA			NA			1	0.7	J	NA		
2,4'-DDE	NA			ND	0.1	U	ND	0.1	UJ	NA			NA			NA			ND	0.7	UJ	NA		
2,4'-DDT	NA			0.1	0.1		0.2	0.1	J	NA			NA			NA			ND	0.7	UJ	NA		
4,4'-DDD	NA			1	0.1		0.7	0.1	J	NA			NA			NA			1 θ	0.7		NA		
4,4'-DDE	NA			0.8	0.1		1	0.1	J	NA			NA			NA			2	0.7		NA		
4,4'-DDT	NA			0.6	0.1		1 θ	0.1	J	NA			NA			NA			2 θ	0.7	J	NA		
ALDRIN	NA			0.2	0.1		ND	0.1	UJ	NA			NA			NA			ND	0.7	U	NA		
ALPHA-CHLORDANE	NA			0.6 θ	0.1	J	1 θ	0.1	J	NA			NA			NA			1 θ	0.7		NA		
DIELDRIN	NA			0.5 θ	0.1		0.4 θ	0.1	J	NA			NA			NA			1 θ	0.7		NA		
GAMMA-BHC (LINDANE)	NA			ND	0.1	U	0.3	0.1	J	NA			NA			NA			ND	0.7	U	NA		
HEPTACHLOR	NA			ND	0.1	U	ND	0.1	U	NA			NA			NA			ND	0.7	U	NA		
HEPTACHLOR EPOXIDE	NA			ND	0.1	U	0.5	0.1	J	NA			NA			NA			ND	0.7	U	NA		
HEXACHLOROBENZENE	NA			0.2	0.1	J	ND	0.1	U	NA			NA			NA			ND	0.7	U	NA		
MIREX	NA			0.2	0.1	J	ND	0.1	UJ	NA			NA			NA			ND	0.7	U	NA		
PCB-101 (2,2',3,5,5')	NA			4	0.1	J	0.4	0.1	J	NA			NA			NA			3	0.7	J	NA		
PCB-105 (2,3,3',4,4')	NA			0.4	0.1	J	0.4	0.1	J	NA			NA			NA			1	0.7	J	NA		
PCB-118 (2,3',4,4',5)	NA			0.4	0.1	J	0.5	0.1	J	NA			NA			NA			2	0.7	J	NA		
PCB-126 (3,3',4,4',5)	NA			ND	0.1	UJ	ND	0.1	UJ	NA			NA			NA			ND	0.7	U	NA		
PCB-128 (2,2',3,3',4,4')	NA			ND	0.1	UJ	0.2	0.1	J	NA			NA			NA			ND	0.7	U	NA		
PCB-138 (2,2',3,4,4',5')	NA			1	0.1	J	0.8	0.1	J	NA			NA			NA			12	0.7		NA		
PCB-153 (2,2',4,4',5,5')	NA			0.5	0.1	J	0.5	0.1	J	NA			NA			NA			10	0.7	J	NA		
PCB-170 (2,2',3,3',4,4',5)	NA			ND	0.1	UJ	0.2	0.1	J	NA			NA			NA			7	0.7	J	NA		
PCB-18 (2,2',5)	NA			0.3	0.1	J	ND	0.1	U	NA			NA			NA			ND	0.7	U	NA		
PCB-180 (2,2',3,4,4',5,5')	NA			0.5	0.1	J	0.3	0.1	J	NA			NA			NA			15	0.7		NA		
PCB-187 (2,2',3,4',5,5',6)	NA			0.2	0.1	J	ND	0.1	UJ	NA			NA			NA			7	0.7		NA		

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBG08			WHSSBH03			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBI02			WHSSBI06		
Sample ID	281WHSSS077			281WHSSS011			281_WHSSS094			281WHSSS096			281WHSSS097			281WHSSS115			281WHSSS023			281WHSSS029		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/18/95			08/24/95			08/24/95			08/24/95			08/31/95			07/19/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			4.00 - 5.00			8.00 - 10.10			1.30 - 2.30			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	NA			0.6	0.1	J	ND	0.1	UJ	NA			NA			NA			1	0.7	J	NA		
PCB-206 (2,2',3,3',4,4',5,5',	NA			ND	0.1	UJ	0.4	0.1	J	NA			NA			NA			0.7	0.7	J	NA		
PCB-209 (2,2',3,3',4,4',5,5',6	NA			ND	0.1	UJ	0.3	0.1	J	NA			NA			NA			ND	0.7	U	NA		
PCB-28 (2,4,4')	NA			0.5	0.1	J	0.2	0.1	J	NA			NA			NA			2	0.7		NA		
PCB-44 (2,2',3,5')	NA			0.6	0.1	J	1	0.1	J	NA			NA			NA			2	0.7	J	NA		
PCB-52 (2,2',5,5')	NA			1	0.1	J	0.2	0.1		NA			NA			NA			1	0.7	J	NA		
PCB-66 (2,3',4,4')	NA			ND	0.1	UJ	0.4	0.1	J	NA			NA			NA			ND	0.7	U	NA		
PCB-77 (3,3',4,4')	NA			ND	0.1	UJ	ND	0.1	U	NA			NA			NA			ND	0.7	U	NA		
PCB-8 (2,4')	NA			0.5	0.1	J	1	0.1		NA			NA			NA			6	0.7	J	NA		
TRANS-NONACHLOR	NA			0.4	0.1		1	0.1	J	NA			NA			NA			3	0.7		NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			NA			ND	13	U	ND	20	U	ND	5	U	NA			NA		
4,4'-DDE	NA			NA			NA			ND	13	U	ND	20	U	ND	5	U	NA			NA		
4,4'-DDT	NA			NA			NA			ND	13	U	ND	20	U	ND	5	U	NA			NA		
ALDRIN	NA			NA			NA			ND	7	U	ND	10	U	ND	3	U	NA			NA		
ALPHA-BHC	NA			NA			NA			ND	7	U	ND	10	U	ND	3	U	NA			NA		
ALPHA-CHLORDANE	NA			NA			NA			ND	7	U	ND	10	U	ND	3	U	NA			NA		
AROCLOR-1016	NA			NA			NA			ND	130	U	ND	200	U	ND	50	U	NA			NA		
AROCLOR-1221	NA			NA			NA			ND	270	U	ND	390	U	ND	100	U	NA			NA		
AROCLOR-1232	NA			NA			NA			ND	130	U	ND	200	U	ND	50	U	NA			NA		
AROCLOR-1242	NA			NA			NA			ND	130	U	ND	200	U	ND	50	U	NA			NA		
AROCLOR-1248	NA			NA			NA			ND	130	U	ND	200	U	ND	50	U	NA			NA		
AROCLOR-1254	NA			NA			NA			ND	130	U	ND	200	U	ND	50	U	NA			NA		
AROCLOR-1260	NA			NA			NA			ND	7	U	ND	10	U	ND	3	U	NA			NA		
BETA-BHC	NA			NA			NA			ND	7	U	ND	10	U	ND	3	U	NA			NA		
DELTA-BHC	NA			NA			NA			ND	13	U	ND	20	U	ND	5	U	NA			NA		
DIELDRIN	NA			NA			NA			ND	7	U	ND	10	U	ND	3	U	NA			NA		
ENDOSULFAN I	NA			NA			NA			ND	13	U	ND	20	U	ND	5	U	NA			NA		
ENDOSULFAN II	NA			NA			NA			ND	13	U	ND	20	U	ND	5	U	NA			NA		
ENDOSULFAN SULFATE	NA			NA			NA			ND	13	U	ND	20	U	ND	5	U	NA			NA		
ENDRIN	NA			NA			NA			ND	13	U	ND	20	U	ND	5	U	NA			NA		
ENDRIN ALDEHYDE	NA			NA			NA			ND	13	U	ND	20	U	ND	5	U	NA			NA		
ENDRIN KETONE	NA			NA			NA			ND	13	U	ND	20	U	ND	5	U	NA			NA		
GAMMA-BHC (LINDANE)	NA			NA			NA			ND	7	U	ND	10	U	ND	3	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBG08			WHSSBH03			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBE07			WHSSBI02			WHSSBI06		
Sample ID	281WHSSS077			281WHSSS011			281WHSSS094			281WHSSS096			281WHSSS097			281WHSSS115			281WHSSS023			281WHSSS029		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/18/95			08/24/95			08/24/95			08/24/95			08/31/95			07/19/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			4.00 - 5.00			8.00 - 10.10			1.30 - 2.30			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	NA			NA			NA			ND	7	U	ND	10	U	ND	3	U	NA			NA		
HEPTACHLOR	NA			NA			NA			ND	7	U	ND	10	U	ND	3	U	NA			NA		
HEPTACHLOR EPOXIDE	NA			NA			NA			ND	7	U	ND	10	U	ND	3	U	NA			NA		
METHOXYCHLOR	NA			NA			NA			ND	67	U	ND	98	U	ND	25	U	NA			NA		
TOXAPHENE	NA			NA			NA			ND	670	U	ND	980	U	ND	250	U	NA			NA		
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			ND	120	U	NA			ND	120	U	NA			NA		
1,3-DINITROBENZENE	NA			NA			NA			ND	120	U	NA			ND	120	U	NA			NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			ND	120	J	NA			ND	120	U	NA			NA		
2,4-DINITROTOLUENE	NA			NA			NA			ND	120	J	NA			ND	120	U	NA			NA		
2,6-DINITROTOLUENE	NA			NA			NA			ND	120	U	NA			ND	120	U	NA			NA		
2-NITROTOLUENE	NA			NA			NA			ND	120	U	NA			ND	120	U	NA			NA		
3-NITROTOLUENE	NA			NA			NA			ND	120	U	NA			ND	120	J	NA			NA		
4-NITROTOLUENE	NA			NA			NA			ND	120	U	NA			ND	120	J	NA			NA		
HMX	NA			NA			NA			ND	120	U	NA			360	120		NA			NA		
NITROBENZENE	NA			NA			NA			ND	120	U	NA			ND	120	U	NA			NA		
RDX	NA			NA			NA			ND	120	U	NA			ND	120	U	NA			NA		
TETRYL	NA			NA			NA			ND	120	UJ	NA			NA			NA			NA		
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	20,600	7.0		6,920	3.7		14,100	4.1		21,700	13.1		7,650	19.3		82.2	3.3		13,900	10.9		10,200	3.5	
ANTIMONY	1.6	1.4	J	1.6	0.48	J	ND	0.52	UJ	ND	1.7	UJ	ND	2.5	UJ	ND	0.42	U	6.2 Γ	1.4	J	0.94	0.45	J
ARSENIC	10.3 *θ	1.2		4.6 *	0.64		ND	5.2	U	24.4 *#Γ	2.3		15.1 *θ	3.3		ND	0.56	U	21.2 *θ	1.9		5.2 *	0.59	
BARIUM	35.8	1.8		72.1	0.070		70.8	0.070		65.9	0.24		61.4	0.35		1.2	0.060		179	0.20		176	0.060	
BERYLLIUM	0.36 *Γ	0.040		ND	0.020	U	ND	0.020	U	ND	0.12	U	ND	0.12	U	ND	0.020	U	ND	0.070	U	0.12	0.020	
CADMIUM	0.51 Γ	0.11		5.4 θΓσ	0.050		ND	0.050	U	ND	0.17	U	ND	0.24	U	ND	0.040	U	20.8 *#θΓσ	0.13		ND	0.040	U
CALCIUM	7,010	42.9		58,300	3.3		5,540	3.6		7,170	11.6		10,800	17.0		132	2.9		8,130	9.6		7,270	3.1	
CHROMIUM	58.1	0.75		35.0	0.41		28.9	0.45		21.6	1.5		23.2	2.1		ND	0.36	U	69.8	1.2		24.8	0.38	
COBALT	21.6	0.46		7.8	0.11		16.7	0.12		8.4	0.40		4.5	0.59		ND	0.13	U	24.8 Γ	0.33		10.6	0.11	
COPPER	51.2 θ	0.62		607 #θΓσ	0.28		11.8	0.20		43.7 θ	0.65		22.0	0.95		0.72	0.16	J	228 θΓσ	0.53		22.6	0.17	
IRON	40,600	14.0		56,200	3.6		27,000	3.9		23,600	12.7		9,470	18.6		367	3.1		43,100	10.5		25,600	3.2	

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBG08			WHSSBH03			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBH07			WHSSBI02			WHSSBI05		
Sample ID	281WHSSS077			281WHSSS011			281WHSSS094			281WHSSS096			281WHSSS097			281WHSSS115			281WHSSS023			281WHSSS029		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/18/95			08/24/95			08/24/95			08/24/95			08/31/95			07/19/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			4.00 - 5.00			8.00 - 10.10			1.30 - 2.30			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	18.3	0.98		134 #θΓσ	0.34		15.3	0.37		13.5	1.2		4.4	1.8		0.35	0.30		195 #θΓσ	1.0	J	40.9	0.32	J
MAGNESIUM	11,400	39.5		6,080	3.7		10,400	4.1		11,600	13.2		14,000	19.4		81.6	3.3		16,300	10.9		5,360	3.5	
MANGANESE	512	0.17		523	0.14	J	417	0.15		170	0.48		278	0.71		4.3	0.12		1,080 Γ	0.40	J	424	0.13	J
MERCURY	0.20 θ	0.095		0.63 θΓσ	0.020		0.18 θ	0.020		ND	0.20	U	ND	0.30	U	NA			0.79 θΓσ	0.070		0.090	0.020	
MOLYBDENUM	1.4	0.98		1.6	0.21		ND	0.22	U	12.8 Γ	0.73		5.1	1.1		ND	0.13	U	0.83	0.60		ND	0.19	U
NICKEL	61.4 #θ	0.92		24.0 θ	0.75		42.9 θ	0.82		88.5 #θ	2.7		33.0 θ	3.9		ND	0.65	U	88.2 #θ	2.2		25.0 θ	0.70	
POTASSIUM	2,900	22.4		914	6.4	J	2,230	6.9	J	5,080	22.4	J	2,880	32.9	J	59.3	5.5	J	5,760	18.5	J	2,100	5.9	J
SELENIUM	ND	1.7	U	ND	0.78	U	ND	0.85	U	ND	2.7	U	ND	4.0	U	ND	0.68	U	ND	2.3	U	ND	0.72	U
SILVER	ND	0.85	U	0.18 Γ	0.14		ND	0.15	U	ND	0.48	U	ND	0.71	U	ND	0.12	U	ND	0.40	U	ND	0.13	U
SODIUM	3,520	149		1,030	29.2		3,520	31.9	J	29,700	128	J	35,900	128	J	275,000	25.6		4,950	85.3		639	27.2	
THALLIUM	ND	0.32	U	ND	0.46	U	0.69	0.50	J	ND	1.6	J	ND	2.4	U	NT	0.40	UJ	ND	1.3	U	ND	0.42	J
VANADIUM	84.1 Γ	0.63		45.5	0.14		65.2	0.15		84.3 Γ	0.48		44.6	0.71		0.28	0.12		85.9 Γ	0.40		38.4	0.13	
ZINC	150	0.46		2,540 #θΓσ	0.070		79.0	0.070		81.4	0.24		40.7	0.36		ND	7.7	J	1,010 #θΓσ	0.20		116	0.060	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	NA			ND	11.0	UJ	ND	12.5	UJ	ND	46.2	UJ	ND	55.1	UJ	115	1.0	J	3,490	1.0	J	NA		
TOTAL ORGANIC CARBON	NA			43,200	100		44,400	100	J	130,000	100	J	294,000	100	J	355,000	100		94,600	100	J	NA		
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

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* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WESSBG06			WHSSBH03			WHSSBH07			WHSSBH07			WESSBH07			WHSSBE07			WHSSBI02			WHSSBI06		
Sample ID	281WHSSS077			281WHSSS011			281WHSSS094			281WHSSS096			281WHSSS097			281WHSSS115			281WHSSS023			281WHSSS029		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/13/95			08/24/95			08/24/95			08/24/95			08/31/95			07/19/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			4.00 - 5.00			8.00 - 10.10			1.30 - 2.30			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in µg/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	NA			10.0			23.0			NA			NA			NA			70.0			NA		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	8.02			8.4			8.7			7.9			8			7.3	1	J	8			7.6		

Notes: Detected concentrations are shaded.

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\# = Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBJ08			WHSSBJ05			WHSSBJ07			WHSSBK04			WHSSBK06			WHSSBK06			WHSSBK06			WHSSBK06		
Sample ID	281WHSSS079			281WHSSS030			281WHSSS031			281WHSSS032			281WHSSS033			281WHSSS034			281WHSSS035			281WHSSS036		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.50 - 10.40		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
2-BUTANONE	NA			NA			NA			NA			NA			ND	55	U	720	37		20	24	J
2-HEXANONE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
ACETONE	NA			NA			NA			NA			NA			ND	340	J	ND	1,700	U	ND	110	U
BENZENE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
BROMOFORM	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
BROMOMETHANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
CARBON DISULFIDE	NA			NA			NA			NA			NA			ND	25	U	28	37	J	27	24	
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
CHLOROBENZENE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
CHLOROETHANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
CHLOROFORM	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
CHLOROMETHANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
ETHYLBENZENE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
STYRENE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
TETRACHLOROETHENE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
TOLUENE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value. NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1995).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBI08			WHSSBJ05			WHSSBJ07			WHSSBK04			WHSSBK05			WHSSBK06			WHSSBK06			WHSSBK06		
Sample ID	281WESSS079			281WESSS080			281WHSSS031			281WESSS032			281WESSS033			281WESSS034			281WHSSS035			281WHSSS036		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.50 - 10.40		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in ug/Kg)																								
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
TRICHLOROETHENE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
VINYL CHLORIDE	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
XYLENE (TOTAL)	NA			NA			NA			NA			NA			ND	25	U	ND	37	U	ND	24	U
Low Level Semivolatiles (in ug/Kg)																								
1,1'-BIPHENYL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
1,2,4-TRICHLOROBENZENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
1,2-DICHLOROBENZENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
1,3-DICHLOROBENZENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
1,4-DICHLOROBENZENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
1-METHYLNAPHTHALENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
1-METHYLPHENANTHRENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2,4,5-TRICHLOROPHENOL	ND	2,800	U	NA			NA			ND	350	U	ND	1,900	U	NA			NA			NA		
2,4,6-TRICHLOROPHENOL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2,4-DICHLOROPHENOL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2,4-DIMETHYLPHENOL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2,4-DINITROPHENOL	ND	2,800	U	NA			NA			ND	350	U	ND	1,900	U	NA			NA			NA		
2,4-DINITROTOLUENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2,6-DIMETHYLNAPHTHALENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2,6-DINITROTOLUENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2-CHLORONAPHTHALENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2-CHLOROPHENOL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2-METHYLNAPHTHALENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2-METHYLPHENOL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
2-NITROANILINE	ND	2,800	U	NA			NA			ND	350	U	ND	1,900	U	NA			NA			NA		
2-NITROPHENOL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
3,3'-DICHLOROBENZIDINE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
3-NITROANILINE	ND	2,800	U	NA			NA			ND	350	U	ND	1,900	U	NA			NA			NA		
4,6-DINITRO-2-METHYLPHENOL	ND	2,800	U	NA			NA			ND	350	U	ND	1,900	U	NA			NA			NA		
4-BROMOPHENYL-PHENYLETHER	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
4-CHLORO-3-METHYLPHENOL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
4-CHLOROANILINE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBI08			WHSSBJ05			WHSSBJ07			WHSSBK04			WHSSBK06			WHSSBK06			WHSSBK05			WHSSBK06		
Sample ID	281WHSSS079			281WHSSS030			281WHSSS031			281WHSSS032			281WHSSS033			281WHSSS034			281WHSSS035			281WHSSS036		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.50 - 10.40		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
4-METHYLPHENOL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
4-NITROANILINE	ND	2,800	U	NA			NA			ND	350	U	ND	1,900	U	NA			NA			NA		
4-NITROPHENOL	ND	2,800	U	NA			NA			ND	350	U	ND	1,900	U	NA			NA			NA		
ACENAPHTHENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
ACENAPHTHYLENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
ANTHRACENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
BENZO(A)ANTHRACENE	ND	1,100	U	NA			NA			12	140	J	ND	770	U	NA			NA			NA		
BENZO(A)PYRENE	ND	1,100	U	NA			NA			19	140	J	ND	770	U	NA			NA			NA		
BENZO(B)FLUORANTHENE	ND	1,100	U	NA			NA			25	140	J	ND	770	U	NA			NA			NA		
BENZO(E)PYRENE	ND	1,100	U	NA			NA			19	140	J	ND	770	U	NA			NA			NA		
BENZO(G,H,I)PERYLENE	ND	1,100	U	NA			NA			21	140	J	ND	770	U	NA			NA			NA		
BENZO(K)FLUORANTHENE	ND	1,100	U	NA			NA			10	140	J	ND	770	U	NA			NA			NA		
BENZOIC ACID	ND	2,800	U	NA			NA			ND	350	U	ND	1,900	U	NA			NA			NA		
BENZYL ALCOHOL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
BIS(2-CHLOROETHOXY)METHANE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
BIS(2-CHLOROETHYL)ETHER	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
BUTYLBENZYLPHTHALATE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
CARBAZOLE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
CHRYSENE	ND	1,100	U	NA			NA			23	140	J	ND	770	U	NA			NA			NA		
DI-N-BUTYLPHTHALATE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
DI-N-OCTYLPHTHALATE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
DIBENZ(A,H)ANTERACENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
DIBENZOFURAN	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
DIBENZOTHIOPHENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
DIETHYLPHTHALATE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
DIMETHYLPHTHALATE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
FLUORANTHENE	ND	1,100	U	NA			NA			14	140	J	ND	770	U	NA			NA			NA		
FLUORENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
HEXACHLOROBENZENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
HEXACHLOROBUTADIENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
HEXACHLOROCYCLOPENTADIENE	ND	1,100	UJ	NA			NA			ND	140	UJ	ND	770	U	NA			NA			NA		
HEXACHLOROETHANE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

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ND: U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBJ08			WHSSBJ05			WHSSBJ07			WHSSBK04			WHSSBK06			WHSSBK06			WHSSBK06			WHSSBK05		
Sample ID	281WHSSS079			281WHSSS030			281WHSSS031			281WHSSS032			281WHSSS033			281WHSSS034			281WHSSS035			281WHSSS036		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.50 - 10.40		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	ND	1,100	U	NA			NA			17	140	J	ND	770	U	NA			NA			NA		
ISOPHORONE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
N-NITROSODIPHENYLAMINE (1)	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
NAPHTHALENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
NITROBENZENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
PENTACHLOROPHENOL	ND	2,800	U	NA			NA			ND	350	U	ND	1,900	U	NA			NA			NA		
PERYLENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
PHENANTHRENE	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
PHENOL	ND	1,100	U	NA			NA			ND	140	U	ND	770	U	NA			NA			NA		
PYRENE	ND	1,100	U	NA			NA			19	140	J	ND	770	U	NA			NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			ND	2,900	U	ND	2,600	U	ND	1,900	U
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			ND	2,900	U	ND	2,600	U	ND	1,900	U
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2-CHLOROPHENOL	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2-METHYLPHENOL	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
2-NITROANILINE	NA			NA			NA			NA			NA			ND	2,900	U	ND	2,600	U	ND	1,900	U
2-NITROPHENOL	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	UJ
3-NITROANILINE	NA			NA			NA			NA			NA			ND	2,900	U	ND	2,600	UJ	ND	1,900	U
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			ND	2,900	U	ND	2,600	U	ND	1,900	U
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U

Notes: Detected concentrations are shaded.

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Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBK08			WHSSBJ05			WHSSBJ07			WHSSBK04			WHSSBK06			WHSSBK05			WHSSBK05			WHSSBK06		
Sample ID	281WHSSS079			281WHSSS030			281WHSSS031			281WHSSS032			281WHSSS033			281WHSSS034			281WHSSS035			281WHSSS036		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.50 - 10.40		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
4-CHLOROANILINE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
4-CHLOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
4-METHYLPHENOL	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
4-NITROANILINE	NA			NA			NA			NA			NA			ND	2,900	U	ND	2,600	U	ND	1,900	U
4-NITROPHENOL	NA			NA			NA			NA			NA			ND	2,900	U	ND	2,600	U	ND	1,900	U
ACENAPHTHENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
ACENAPHTHYLENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
ANTHRACENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
BENZO(A)PYRENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
CARBAZOLE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
CHRYSENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
DIBENZOFURAN	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
FLUORANTHENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
FLUORENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			ND	1,100	UJ	ND	1,000	UJ	ND	740	U
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
HEXACHLOROETHANE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
ISOPHORONE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

γ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBJ08			WHSSBJ05			WHSSBJ07			WHSSBK04			WHSSBK06			WHSSBK06			WHSSBK06			WHSSBK06		
Sample ID	281WHSSS029			281WHSSS030			281WHSSS031			281WHSSS032			281WHSSS033			281WHSSS034			281WHSSS035			281WHSSS036		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			2.50 - 2.30			4.50 - 5.30			9.50 - 10.40		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
NAPHTHALENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
NITROBENZENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			ND	2,900	U	ND	2,600	U	ND	1,900	U
PHENANTHRENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
PHENOL	NA			NA			NA			NA			NA			2,600	570		ND	1,000	U	ND	740	U
PYRENE	NA			NA			NA			NA			NA			ND	1,100	U	ND	1,000	U	ND	740	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	J	NA			NA			NA		
2,4'-DDE	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	J	NA			NA			NA		
2,4'-DDT	ND	0.7	UJ	NA			NA			0.2	0.1	J	ND	0.1	J	NA			NA			NA		
4,4'-DDD	2	0.7	J	NA			NA			0.4	0.1		ND	0.1	J	NA			NA			NA		
4,4'-DDE	2	0.7	J	NA			NA			0.3	0.1		ND	0.1	U	NA			NA			NA		
4,4'-DDT	ND	0.7	UJ	NA			NA			0.9	0.1		0.4	0.1		NA			NA			NA		
ALDRIN	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
ALPHA-CHLORDANE	ND	0.7	UJ	NA			NA			0.5 θ	0.1		0.2	0.1	J	NA			NA			NA		
DIELDRIN	ND	0.7	UJ	NA			NA			2 θ	0.1		ND	0.1	U	NA			NA			NA		
GAMMA-BHC (LINDANE)	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
HEPTACHLOR	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
HEPTACHLOR EPOXIDE	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
HEXACHLOROBENZENE	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
MIREX	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-101 (2,2',3,5,5')	ND	0.7	UJ	NA			NA			0.3	0.1	J	ND	0.1	U	NA			NA			NA		
PCB-105 (2,3,3',4,4')	ND	0.7	UJ	NA			NA			0.2	0.1	J	ND	0.1	U	NA			NA			NA		
PCB-118 (2,3',4,4',5)	ND	0.7	UJ	NA			NA			0.3	0.1	J	ND	0.1	U	NA			NA			NA		
PCB-126 (3,3',4,4',5)	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-128 (2,2',3,3',4,4')	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-138 (2,2',3,4,4',5')	ND	0.7	UJ	NA			NA			0.6	0.1	J	ND	0.1	U	NA			NA			NA		
PCB-153 (2,2',4,4',5,5')	ND	0.7	UJ	NA			NA			0.4	0.1		ND	0.1	U	NA			NA			NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.7	UJ	NA			NA			0.2	0.1	J	ND	0.1	U	NA			NA			NA		
PCB-18 (2,2',5)	0.8	0.7	J	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.7	UJ	NA			NA			0.3	0.1	J	ND	0.1	U	NA			NA			NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.7	UJ	NA			NA			0.1	0.1	J	ND	0.1	U	NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBI08			WESSBJ05			WHSSBJ07			WHSSBK04			WHSSBK05			WHSSBK06			WHSSBK06			WHSSBK06		
Sample ID	281WHSSS079			281WESSS030			281WHSSS031			281WHSSS032			281WHSSS033			281WHSSS034			281WHSSS035			281WHSSS036		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.50 - 10.40		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-206 (2,2',3,3',4,4',5,5',	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-28 (2,4,4')	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-44 (2,2',3,5')	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-52 (2,2',5,5')	1	0.7	J	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-66 (2,3',4,4')	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	U	NA			NA			NA		
PCB-77 (3,3',4,4')	ND	0.7	UJ	NA			NA			ND	0.1	J	ND	0.1	U	NA			NA			NA		
PCB-8 (2,4')	ND	0.7	UJ	NA			NA			ND	0.1	U	ND	0.1	J	NA			NA			NA		
TRANS-NONACHLOR	ND	0.7	UJ	NA			NA			0.5	0.1		0.2	0.1	J	NA			NA			NA		
Pesticides/PCBs (in µg/Kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			ND	11	U	ND	10	U	ND	7	U
4,4'-DDE	NA			NA			NA			NA			NA			ND	11	U	ND	10	U	ND	7	U
4,4'-DDT	NA			NA			NA			NA			NA			ND	11	U	ND	10	U	ND	7	U
ALDRIN	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
ALPHA-BHC	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
AROCLOR-1016	NA			NA			NA			NA			NA			ND	110	U	ND	100	U	ND	74	U
AROCLOR-1221	NA			NA			NA			NA			NA			ND	230	U	ND	210	U	ND	150	U
AROCLOR-1232	NA			NA			NA			NA			NA			ND	110	U	ND	100	U	ND	74	U
AROCLOR-1242	NA			NA			NA			NA			NA			ND	110	U	ND	100	U	ND	74	U
AROCLOR-1248	NA			NA			NA			NA			NA			ND	110	U	ND	100	U	ND	74	U
AROCLOR-1254	NA			NA			NA			NA			NA			ND	110	U	ND	100	U	ND	74	U
AROCLOR-1260	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
BETA-BHC	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
DELTA-BHC	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
DIELDRIN	NA			NA			NA			NA			NA			ND	11	U	ND	10	U	ND	7	U
ENDOSULFAN I	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
ENDOSULFAN II	NA			NA			NA			NA			NA			ND	11	U	ND	10	U	ND	7	U
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			ND	11	U	ND	10	U	ND	7	U
ENDRIN	NA			NA			NA			NA			NA			ND	11	U	ND	10	U	ND	7	U
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			ND	11	U	ND	10	U	ND	7	U
ENDRIN KETONE	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U

Notes: Detected concentrations are shaded.

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Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBJ08			WHSSBJ05			WHSSBJ07			WHSSBK04			WHSSBK05			WHSSBK06			WHSSBK06			WHSSBK05		
Sample ID	281WHSSS079			281WHSSS030			281WHSSS031			281WHSSS032			281WHSSS032			281WHSSS034			281WHSSS035			281WHSSS036		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.50 - 10.40		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
HEPTACHLOR	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			ND	6	U	ND	5	U	ND	4	U
METHOXYCHLOR	NA			NA			NA			NA			NA			ND	57	U	ND	52	U	ND	37	U
TOXAPHENE	NA			NA			NA			NA			NA			ND	570	U	ND	520	U	ND	370	U
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
2-NITROTOLUENE	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
3-NITROTOLUENE	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
4-NITROTOLUENE	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
HMX	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
NITROBENZENE	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
RDX	NA			NA			NA			NA			NA			ND	120	U	ND	120	U	NA		
TETRYL	NA			NA			NA			NA			NA			ND	120	UJ	ND	120	U	NA		
Petroleum Indicators(in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	15,500	13.3		12,400	3.4		20,300	4.1		17,600	3.4		11,800	3.8		14,900	11.1		26,400	10.5		18,500	7.2	
ANTIMONY	ND	2.6	UJ	3.4	0.44	J	11.4	0.53	J	0.94	0.44	J	0.86	0.50	J	4.8 Θ#	1.4	J	5.7 ΘΓ	1.3	J	2.0 Γ	0.93	J
ARSENIC	15.9 *θ	2.3		5.5 *	0.58		3.3 *	0.70		4.2 *	0.58		3.3 *	0.66		25.1 *θ	1.9		37.0 *ΘΓσ	1.8		15.0 *θ	1.2	
BARIUM	120	3.5		183	0.060		105	0.080		212	0.060		129	0.070		134	0.20		80.4	0.19		51.2	0.13	
BERYLLIUM	0.46 *Γ	0.076		0.14 Γ	0.020		0.14 Γ	0.030		ND	0.020	U	0.11	0.020	U	ND	0.070	U	ND	0.060	U	0.11	0.040	
CADMIUM	1.8 ΘΓ	0.22		ND	0.040	U	ND	0.050	U	ND	0.040	U	ND	0.050	U	ND	0.14	U	ND	0.13	U	ND	0.090	U
CALCIUM	8,550	82.2		6,290	3.0		5,000	3.6		9,550	3.0		3,390	3.4		8,390	9.8		4,630	9.1		3,620	6.4	
CHROMIUM	70.9	1.4		261	0.37		25.5	0.45		24.2	0.37		24.2	0.42		57.7	1.2		64.6	1.1		70.0	0.80	
COBALT	20.0	0.87		9.5	0.10		7.5	0.13		15.9	0.10		11.5	0.12		16.9	0.34		12.9	0.31		16.8	0.22	
COPPER	78.7 ΘΓ	1.2		24.4	0.17		15.4	0.20		43.2 θ	0.17		35.7 θ	0.19		54.1 θ	0.54		55.5 ΘΓ	0.50		44.1 θ	0.35	
IRON	61,200	26.4		17,100	3.3		14,100	3.9		25,600	3.3		14,500	3.7		69,300	10.7		50,300	9.9		37,100	7.0	

Notes: Detected concentrations are shaded.

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBJ08			WHSSBJ05			WHSSBJ07			WHSSBK04			WHSSBK06			WHSSBK06			WHSSBK06			WHSSBK06		
Sample ID	281WHSSSC79			281WHSSSD30			281WHSSSC31			281WHSSSD32			281WHSSSD33			281WHSSSD34			281WHSSSD35			281WHSSSD36		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.50 - 10.40		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	43.3	1.9		41.6	0.31	J	14.6	0.38	J	25.7	0.31	J	11.6	0.35	J	94.7 efg	1.0	J	66.2 efg#	0.94	J	24.6	0.67	J
MAGNESIUM	12,600	74.9		5,420	3.4		5,700	4.1		9,990	3.4		4,150	3.9		8,250	11.2		8,160	10.3		11,500	7.3	
MANGANESE	1,000 r	0.53		375	0.12	J	266	0.15	J	452	0.12	J	488	0.14	J	287	0.41	J	372	0.38	J	263	0.27	J
MERCURY	0.34 ef	0.19		0.950	0.020		ND	0.060	U	0.50 efg	0.020		0.070	0.020		0.32 ef	0.070		0.20 e	0.060		0.12	0.040	
MOLYBDENUM	5.6 r	1.9		0.38	0.19		ND	0.23	U	ND	0.19	U	ND	0.21	U	1.2	0.61		5.0	0.57		0.92	0.40	
NICKEL	34.4 #g	1.7		26.2 #	0.69		34.5 #	0.83	J	23.0 #	0.69	J	26.8 #	0.78	J	66.1 #g	2.2		47.9 #	2.1		77.5 #g	1.5	J
POTASSIUM	3,420	42.3		2,580	5.8	J	2,270	7.0	J	2,140	5.8	J	1,220	6.6	J	2,950	18.9	J	4,010	17.5	J	4,550	12.3	J
SELENIUM	ND	3.3	U	ND	0.71	U	ND	0.86	U	ND	0.71	U	ND	0.80	U	ND	2.3	U	ND	2.1	U	ND	1.5	U
SILVER	ND	1.6	U	ND	0.12	U	ND	0.15	U	ND	0.12	U	ND	0.14	U	5.960	0.41	U	8.710	0.38	U	ND	0.27	U
SODIUM	5,070	283		549	26.6		3,760	32.2		163	26.6		1,540	30.2		ND	87.0		ND	80.4		7,460	56.7	
THALLIUM	ND	0.55	U	ND	0.42	U	ND	0.50	U	ND	0.42	J	ND	0.47	U	73.4	1.4	U	71.8	1.3	U	ND	0.89	U
VANADIUM	94.9 r	1.2		41.6	0.12		37.2	0.15		63.7	0.12		43.7	0.14			0.41			0.38		54.2	0.27	
ZINC	939 efg	0.87		120	0.060		68.8	0.080		128	0.060		54.6	0.070		264 efg	0.20		260 efg	0.19		114	0.13	
Hexavalent Chromium (in ug/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			ND	50.0	UJ	NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	18,000	1.0		NA			NA			ND	11.0	UJ	ND	12.0	UJ	ND	24.0	UJ	ND	24.0	UJ	ND	21.0	UJ
TOTAL ORGANIC CARBON	57,100	100		NA			NA			ND	110	UJ	8,450	100	J	3,910	100	J	59,200	100	J	28,900	100	J
Dioxin (in ug/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

e = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

r = Detected concentrations greater than the ambient metals concentrations in soils.

c = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBJ08			WHSSBJ05			WHSSBJ07			WHSSBK04			WHSSBK06			WHSSBK06			WHSSBK06			WHSSBK06		
Sample ID	281WHSSS079			281WHSSS030			281WHSSS031			281WHSSS032			281WHSSS033			281WHSSS034			281WHSSS035			281WHSSS036		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.50 - 2.30			4.50 - 5.30			9.50 - 10.40		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in ug/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	85.0			NA			NA			9.0			15.0			NA			NA			NA		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	7.77			7.4			7.8			7.2			6.8			6.9			6.6			7.4		

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θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

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Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBK08			WHSSBL05			WHSSBL07			WHSSBM04			WHSSBM05			WHSSBM07			WHSSBM08			WHSSBM09		
Sample ID	281WHSSS078			281WHSSS024			281WHSSS033			281WHSSS039			281WHSSS041			281WHSSS064			281WHSSS065			281WHSSS066		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/20/95			07/20/95			07/20/95			07/28/95			07/28/95			07/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 1.70			4.10 - 5.20		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Aromatic Volatiles (in µg/Kg)																								
BENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			NA			NA		
TOLUENE	NA			NA			NA			NA			NA			NA			NA			NA		
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Volatiles (in µg/Kg)																								
1,1,1-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
1,1,2,2-TETRACHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
1,1,2-TRICHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
1,1-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
1,1-DICHLOROETHENE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
1,2-DICHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
1,2-DICHLOROETHENE (TOTAL)	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
1,2-DICHLOROPROPANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
2-BUTANONE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
2-HEXANONE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
4-METHYL-2-PENTANONE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
ACETONE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
BENZENE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
BROMODICHLOROMETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
BROMOFORM	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
BROMOMETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
CARBON DISULFIDE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
CARBON TETRACHLORIDE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
CHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
CHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
CHLOROFORM	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
CHLOROMETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
CIS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
DIBROMOCHLOROMETHANE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
ETHYLBENZENE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
METHYLENE CHLORIDE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
STYRENE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
TETRACHLOROETHENE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
TOLUENE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBK08			WHSSBL05			WHSSBL07			WHSSBM04			WHSSBM05			WHSSBM08			WHSSBM08			WHSSBM08		
Sample ID	281WHSSS078			281WHSSS024			281WESSS038			281WHSSS039			281WHSSS041			281WHSSS064			281WHSSS065			281WHSSS066		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/20/95			07/20/95			07/20/95			07/28/95			07/28/95			07/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 1.70			4.10 - 5.20		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/Kg)																								
TRANS-1,3-DICHLOROPROPENE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
TRICHLOROETHENE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
VINYL CHLORIDE	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
XYLENE (TOTAL)	NA			NA			NA			NA			NA			NA			ND	12	U	ND	12	U
Low Level Semivolatiles (in µg/Kg)																								
1,1'-BIPHENYL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
1,2,4-TRICHLOROBENZENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
1,2-DICHLOROBENZENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
1,3-DICHLOROBENZENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
1,4-DICHLOROBENZENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
1-METHYLNAPHTHALENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2-METHYLPHENANTHRENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	30	190	J	NA			NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2,3,5-TRIMETHYLNAPHTHALENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2,4,5-TRICHLOROPHENOL	ND	110	U	ND	7,000	U	ND	6,500	U	NA			ND	1,200	U	ND	460	U	NA			NA		
2,4,6-TRICHLOROPHENOL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2,4-DICHLOROPHENOL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2,4-DIMETHYLPHENOL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2,4-DINITROPHENOL	ND	110	U	ND	7,000	U	ND	6,500	U	NA			NA			ND	460	U	NA			NA		
2,4-DINITROTOLUENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2,6-DIMETHYLNAPHTHALENE	47	46	J	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2,6-DINITROTOLUENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2-CHLORONAPHTHALENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2-CHLOROPHENOL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2-METHYLNAPHTHALENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2-METHYLPHENOL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
2-NITROANILINE	ND	110	U	ND	7,000	U	ND	6,500	U	NA			ND	1,200	U	ND	460	U	NA			NA		
2-NITROPHENOL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
3,3'-DICHLOROBENZIDINE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
3-NITROANILINE	ND	110	U	ND	7,000	U	ND	6,500	U	NA			ND	1,200	U	ND	460	U	NA			NA		
4,6-DINITRO-2-METHYLPHENOL	ND	110	U	ND	7,000	U	ND	6,500	U	NA			NA			ND	460	U	NA			NA		
4-BROMOPHENYL-PHENYLETHER	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
4-CHLORO-3-METHYLPHENOL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
4-CHLOROANILINE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value. NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBK08			WHSSBL05			WHSSBL07			WHSSBM04			WHSSBM06			WHSSBM08			WHSSBM06			WHSSBM08		
Sample ID	281WHSSS078			281WHSSS024			281WHSSS038			281WHSSS039			281WHSSS041			281WHSSS064			SOIL			SOIL		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			07/28/95			07/28/95		
Sample Date	08/09/95			07/19/95			07/20/95			07/20/95			07/20/95			07/28/95			1.00 - 1.70			4.10 - 5.20		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50								
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)																								
4-CHLOROPHENYL-PHENYLETHER	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
4-METHYLPHENOL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
4-NITROANILINE	ND	110	U	ND	7,000	U	ND	6,500	U	NA			ND	1,200	U	ND	460	U	NA			NA		
4-NITROPHENOL	ND	110	U	ND	7,000	U	ND	6,500	J	NA			ND	1,200	U	ND	460	U	NA			NA		
ACENAPHTHENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
ACENAPHTHYLENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
ANTHRACENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	26	190	J	NA			NA		
BENZO(A)ANTHRACENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			310 θ	460	U	56	190	J	NA			NA		
BENZO(A)PYRENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			120 *	460	J	47	190	J	NA			NA		
BENZO(B)FLUORANTHENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			590	460		120	190	J	NA			NA		
BENZO(E)PYRENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			230	460	J	78	190	J	NA			NA		
BENZO(G,H,I)PERYLENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	41	190	J	NA			NA		
BENZO(K)FLUORANTHENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	130	190	J	NA			NA		
BENZOIC ACID	ND	110	U	ND	7,000	U	ND	6,500	U	NA			ND	1,200	UJ	ND	460	UJ	NA			NA		
BENZYL ALCOHOL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
BIS(2-CHLOROETHOXY)METHANE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
BIS(2-CHLOROETHYL)ETHER	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
BIS(2-ETHYLHEXYL)PHTHALATE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
BUTYLBENZYLPHTHALATE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			140	460	J	89	190	J	NA			NA		
CARBAZOLE	ND	46	U	ND	2,900	U	150	2,700	J	NA			720 θ	460		290	190		NA			NA		
CHRYSENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
DI-N-BUTYLPHTHALATE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
DI-N-OCTYLPHTHALATE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
DIBENZ(A,H)ANTHRACENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
DIBENZOFURAN	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
DIBENZOTHIOPHENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
DIETHYLPHTHALATE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
DIMETHYLPHTHALATE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
FLUORANTHENE	91	46		180	2,900	J	200	2,700	J	NA			1,100 θ	460		850 θ	190		NA			NA		
FLUORENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	J	ND	190	J	NA			NA		
HEXACHLOROBENZENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
HEXACHLOROBUTADIENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
HEXACHLOROCYCLOPENTADIENE	ND	46	UJ	ND	2,900	U	ND	2,700	U	NA			NA			NA			NA			NA		
HEXACHLOROETHANE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

ø = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBK03			WHSSBL05			WHSSBL07			WHSSBM04			WHSSBM05			WHSSBM08			WHSSBM08			WESSBM08		
Sample ID	281WHSSS078			281WHSSS024			281WHSSS038			281WHSSS039			281WHSSS041			281WHSSS064			281WHSSS065			281WHSSS066		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/05/95			07/19/95			07/20/95			07/20/95			07/20/95			07/28/95			07/28/95			07/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 1.70			4.10 - 5.20		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)																								
INDENO(1,2,3-CD)PYRENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	36	190	J	NA			NA		
ISOPHORONE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
N-NITROSO-DI-N-PROPYLAMINE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
N-NITROSODIPHENYLAMINE (1)	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
NAPHTHALENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
NITROBENZENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
PENTACHLOROPHENOL	ND	110	U	ND	7,000	U	ND	6,500	U	NA			NA			NA			NA			NA		
PERYLENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	J	NA			NA		
PHENANTHRENE	ND	46	U	ND	2,900	U	ND	2,700	U	NA			440 θ	460	J	650 θ	190		NA			NA		
PHENOL	ND	46	U	ND	2,900	U	ND	2,700	U	NA			ND	460	U	ND	190	U	NA			NA		
PYRENE	72	46		140	2,900	J	130	2,700	J	NA			910 θ	460		740 θ	190		NA			NA		
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	J	ND	400	U
1,2-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	J	ND	400	U
1,3-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
1,4-DICHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2,4,5-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	1,000	U	ND	990	U
2,4,6-TRICHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2,4-DICHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2,4-DIMETHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2,4-DINITROPHENOL	NA			NA			NA			NA			NA			NA			ND	1,000	U	ND	990	U
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2-CHLORONAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2-CHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2-METHYLNAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
2-NITROANILINE	NA			NA			NA			NA			NA			NA			ND	1,000	U	ND	990	U
2-NITROPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
3,3'-DICHLOROBENZIDINE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
3-NITROANILINE	NA			NA			NA			NA			NA			NA			ND	1,000	U	ND	990	U
4,6-DINITRO-2-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	1,000	U	ND	990	U
4-BROMOPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBK08			WHSSBL05			WHSSBL07			WHSSBM04			WHSSBM06			WESSBM08			WHSSBM08			WHSSBM08		
Sample ID	281WHSSS078			281WHSSS024			281WHSSS038			281WHSSS039			281WHSSS041			281WHSSS064			281WHSSS065			281WHSSS066		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/20/95			07/20/95			07/20/95			07/28/95			07/28/95			07/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 1.70			4.10 - 5.20		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/kg)																								
4-CHLORO-3-METHYLPHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
4-CHLOROANILINE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
4-CELOROPHENYL-PHENYLETHER	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
4-METHYLPHENCL	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
4-NITROANILINE	NA			NA			NA			NA			NA			NA			ND	1,000	U	ND	990	U
4-NITROPHENOL	NA			NA			NA			NA			NA			NA			ND	1,000	U	ND	990	U
ACENAPHTHENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
ACENAPHTHYLENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
ANTHRACENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
BENZO(A)ANTHRACENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
BENZO(A)PYRENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
BENZO(B)FLUORANTHENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
BENZO(G,H,I)PERYLENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
BENZO(K)FLUORANTHENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
BIS(2-CHLOROETHOXY)METHANE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
BIS(2-CHLOROETHYL)ETHER	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
BIS(2-ETHYLHEXYL)PHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
BUTYLBENZYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
CARBAZOLE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
CHRYSENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
DI-N-BUTYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
DI-N-OCTYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
DIBENZ(A,H)ANTHRACENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
DIBENZOFURAN	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
DIETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
DIMETHYLPHTHALATE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
FLUORANTHENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
FLUORENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
HEXACHLOROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
HEXACHLOROBUTADIENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
HEXACHLOROCYCLOPENTADIENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
HEXACHLOROETHANE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
INDENO(1,2,3-CD)PYRENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
ISOPHORONE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

+ = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBX08			WHSSBL05			WHSSBL07			WHSSBM04			WHSSBM06			WHSSBM08			WHSSBM08			WHSSBM08		
Sample ID	281WHSSS078			281WHSSS024			281WHSSS038			281WHSSS039			281WHSSS041			281WHSSS064			281WHSSS065			281WHSSS066		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/20/95			07/20/95			07/20/95			07/28/95			07/28/95			07/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 1.70			4.10 - 5.20		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
N-NITROSO-DI-N-PROPYLAMINE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
N-NITROSODIPHENYLAMINE (1)	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
NAPHTHALENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
NITROBENZENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
PENTACHLOROPHENOL	NA			NA			NA			NA			NA			NA			ND	1,000	U	ND	990	U
PHENANTHRENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
PHENOL	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
PYRENE	NA			NA			NA			NA			NA			NA			ND	410	U	ND	400	U
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	ND	0.1	U	0.4	0.1	J	ND	0.1	U	NA			0.5	0.1	J	0.5	0.1	J	NA			NA		
2,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
2,4'-DDT	ND	0.1	U	ND	0.1	U	0.5	0.1		NA			ND	0.1	UJ	0.2	0.1	J	NA			NA		
4,4'-DDD	ND	0.1	U	0.4	0.1		ND	0.1	U	NA			ND	0.1	UJ	ND	0.4	U	NA			NA		
4,4'-DDE	ND	0.1	J	0.5	0.1		0.7	0.1		NA			0.2	0.1	J	0.4	0.1		NA			NA		
4,4'-DDT	ND	0.1	J	ND	0.1	U	2.8	0.1	J	NA			0.5	0.1	J	ND	0.4	U	NA			NA		
ALDRIN	ND	0.1	J	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
ALPHA-CHLORDANE	ND	0.1	J	0.3	0.1	J	0.4	0.1		NA			0.2	0.1	J	0.2	0.1	J	NA			NA		
DIELDRIN	ND	0.1	U	ND	0.1	U	0.2 θ	0.1		NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
GAMMA-BHC (LINDANE)	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
HEPTACHLOR	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
HEPTACHLOR EPOXIDE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
HEXACHLOROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
MIREX	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			0.6	0.1	J	ND	0.1	U	NA			NA		
PCB-101 (2,2',3,5,5')	ND	0.1	U	0.4	0.1	J	0.4	0.1	J	NA			0.07	0.1	J	ND	0.1	U	NA			NA		
PCB-105 (2,3,3',4,4')	ND	0.1	U	ND	0.1	U	0.2	0.1	J	NA			0.4	0.1	J	ND	0.1	U	NA			NA		
PCB-118 (2,3',4,4',5)	ND	0.1	U	ND	0.1	U	0.3	0.1	J	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
PCB-126 (3,3',4,4',5)	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			0.1	0.1	J	0.4	0.1	J	NA			NA		
PCB-128 (2,2',3,3',4,4')	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
PCB-138 (2,2',3,4,4',5')	ND	0.1	U	0.2	0.1	J	0.5	0.1	J	NA			0.8	0.1	J	0.2	0.1	J	NA			NA		
PCB-153 (2,2',4,4',5,5')	ND	0.1	U	0.1	0.1	J	0.3	0.1		NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
PCB-170 (2,2',3,3',4,4',5)	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			0.3	0.1	J	ND	0.1	U	NA			NA		
PCB-18 (2,2',5)	ND	0.1	U	0.4	0.1	J	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
PCB-180 (2,2',3,4,4',5,5')	ND	0.1	U	0.2	0.1	J	0.2	0.1	J	NA			0.1	0.1	J	ND	0.1	U	NA			NA		
PCB-187 (2,2',3,4',5,5',6)	ND	0.1	U	ND	0.1	U	0.09	0.1	J	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

\# = Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBK08			WHSSBL05			WHSSBL07			WHSSBM04			WHSSBM06			WHSSBM08			WHSSBM08			WHSSBM08		
Sample ID	281WHSSS078			281WHSSS024			281WHSSS038			281WHSSS039			281WHSSC041			281WHSSS064			281WHSSC65			281WHSSS056		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/20/95			07/20/95			07/20/95			07/28/95			07/28/95			07/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 1.70			4.10 - 5.20		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/kg)																								
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
PCB-206 (2,2',3,3',4,4',5,5',6	ND	0.1	U	0.2	0.1	J	0.4	0.1	J	NA			ND	0.1	UJ	0.3	0.1	J	NA			NA		
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
PCB-28 (2,4,4')	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
PCB-44 (2,2',3,5')	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
PCB-52 (2,2',5,5')	ND	0.1	U	0.1	0.1	J	0.08	0.1	J	NA			ND	0.1	UJ	0.3	0.1	J	NA			NA		
PCB-66 (2,3',4,4')	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
PCB-77 (3,3',4,4')	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	UJ	ND	0.1	U	NA			NA		
PCB-8 (2,4')	ND	0.1	U	0.3	0.1	J	0.6	0.1	U	NA			0.3	0.1	J	ND	0.1	U	NA			NA		
TRANS-NONACHLOR	ND	0.1	U							NA														
Pesticides/PCBs (in µg/kg)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			ND	4	U	ND	4	U
4,4'-DDE	NA			NA			NA			NA			NA			NA			ND	4	U	ND	4	U
4,4'-DDT	NA			NA			NA			NA			NA			NA			ND	4	U	ND	4	U
ALDRIN	NA			NA			NA			NA			NA			NA			ND	2	U	ND	2	U
ALPHA-BHC	NA			NA			NA			NA			NA			NA			ND	2	U	ND	2	U
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			ND	2	U	ND	2	U
AROCLOR-1016	NA			NA			NA			NA			NA			NA			ND	41	U	ND	40	U
AROCLOR-1221	NA			NA			NA			NA			NA			NA			ND	41	U	ND	40	U
AROCLOR-1232	NA			NA			NA			NA			NA			NA			ND	41	U	ND	40	U
AROCLOR-1242	NA			NA			NA			NA			NA			NA			ND	41	U	ND	40	U
AROCLOR-1248	NA			NA			NA			NA			NA			NA			ND	41	U	ND	40	U
AROCLOR-1254	NA			NA			NA			NA			NA			NA			ND	41	U	ND	40	U
AROCLOR-1260	NA			NA			NA			NA			NA			NA			ND	2	U	ND	2	U
BETA-BHC	NA			NA			NA			NA			NA			NA			ND	4	U	ND	4	U
DELTA-BHC	NA			NA			NA			NA			NA			NA			ND	4	U	ND	4	U
DIELDRIN	NA			NA			NA			NA			NA			NA			ND	4	U	ND	4	U
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			ND	4	U	ND	4	U
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			ND	4	U	ND	4	U
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			ND	2	U	ND	2	U
ENDRIN	NA			NA			NA			NA			NA			NA								
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA								
ENDRIN KETONE	NA			NA			NA			NA			NA			NA								
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA								

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

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σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBK08			WHSSBL05			WHSSBL07			WHSSBM04			WHSSBM06			WHSSBM08			WHSSBM08			WESSBM08		
Sample ID	281WHSSS078			281WHSSS024			281WHSSS038			281WHSSS039			281WHSSS041			281WHSSS064			281WHSSS065			281WHSSS066		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/20/95			07/20/95			07/20/95			07/28/95			07/28/95			07/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 1.70			4.10 - 5.20		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/Kg)																								
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			ND	2	U	ND	2	U
HEPTACHLOR	NA			NA			NA			NA			NA			NA			ND	2	U	ND	2	U
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			ND	2	U	ND	2	U
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			ND	20	U	ND	20	U
TOXAPHENE	NA			NA			NA			NA			NA			NA			ND	200	U	ND	200	U
Explosives (in µg/Kg)																								
1,3,5-TRINITROBENZENE	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
1,3-DINITROBENZENE	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
2,4,6-TRINITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
2,4-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
2,6-DINITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
2-NITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
3-NITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
4-NITROTOLUENE	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
HMX	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
NITROBENZENE	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
RDX	NA			NA			NA			NA			NA			NA			ND	120	U	ND	120	U
TETRYL	NA			NA			NA			NA			NA			NA			ND	120	J	ND	120	U
Petroleum Indicators (in mg/Kg)																								
DIESEL	NA			NA			NA			NA			NA			NA			NA			NA		
GASOLINE	NA			NA			NA			NA			NA			NA			NA			NA		
MOTOR OIL	NA			NA			NA			NA			NA			NA			NA			NA		
Total Metals (in mg/Kg)																								
ALUMINUM	21,700	3.1		15,000	5.6		15,200	4.2		12,400	3.8		13,000	3.9		9,130	4.4		15,200	4.0		9,230	3.9	
ANTIMONY	0.71	0.52	J	1.2	0.72	J	1.4	0.54	J	ND	0.65	U	ND	0.45	UJ	ND	1.7	U	ND	1.5	U	ND	0.98	U
ARSENIC	7.8 *	0.54		4.6 *	0.95		6.7 *	0.72		5.6 *θ	0.65		6.1 *θ	0.59		14.6 *θ	0.75		5.8 *	0.68		5.0 *	0.66	
BARIUM	212	0.82		172	0.10		189	0.080		214	0.070		142	0.060		71.1	0.080		198	0.070		230	0.070	
BERYLLIUM	0.51 *Γ	0.018		ND	0.030	U	0.080	0.030		ND	0.23	U	ND	0.020	U	ND	0.030	U	ND	0.020	U	ND	0.020	U
CADMIUM	0.35 Γ	0.051		ND	0.070	U	ND	0.050	U	ND	0.050	U	ND	0.040	U	ND	0.050	U	ND	0.050	U	ND	0.050	U
CALCIUM	14,200	19.1		84,000	4.9		12,700	3.7		4,070	3.3	J	9,800	3.1	J	7,350	3.8	J	15,800	3.5	J	1,830	3.4	J
CHROMIUM	44.2	0.33		42.3	0.51		31.0	0.46		24.9	0.42		40.2	0.38		37.0	0.48		42.1	0.44		23.1	0.43	
COBALT	16.6	0.21		14.7	0.17		11.8	0.13		12.3	0.12		14.2	0.11		11.1	0.13		18.6	0.12		11.7	0.12	
COPPER	33.6	0.28		27.8	0.27		24.8	0.20		29.8	0.19		18.2	0.17		45.4 θ	0.21		32.7	0.20		12.7	0.19	
IRON	31,200	6.2		23,800	5.3		21,900	4.0		17,900	3.6		21,600	3.3		42,500	4.2		26,500	3.8		16,900	3.7	

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBK08			WHSSBL05			WHSSBL07			WHSSBM04			WHSSBM06			WHSSBM08			WHSSBM08			WHSSBM09		
Sample ID	281WHSSS078			281WHSSS024			281WHSSS038			281WHSSS039			281WHSSS041			281WHSSS064			281WHSSS065			281WHSSS066		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	06/09/95			07/19/95			07/20/95			07/23/95			07/20/95			07/28/95			07/28/95			07/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 1.70			4.10 - 5.20		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
LEAD	10.6	0.44		32.9	0.51	J	28.4	0.38	J	28.1	0.35	J	16.6	0.32	J	27.7	0.40	J	25.1	0.37	J	6.9	0.36	J
MAGNESIUM	21,100	17.6		10,700	5.6	J	7,830	4.2	J	7,310	3.8	J	8,040	3.5	J	6,350	4.4	J	10,000	4.0	J	5,320	3.9	J
MANGANESE	555	0.077		781	0.20	J	423	0.15	J	777	0.14	J	494	0.13	J	295	0.16	J	626	0.15	J	194	0.14	J
MERCURY	0.080	0.023		ND	0.090	U	0.16 θ	0.030		0.12	0.020		7.0 #σθ	0.020		ND	0.12	U	ND	0.14	U	ND	0.12	U
MOLYBDENUM	0.57	0.44		ND	0.31	U	ND	0.23	U	ND	0.21	U	ND	0.19	U	1.5	0.24		ND	0.25	U	ND	0.64	U
NICKEL	73.4 #θ	0.41		50.5 #θ	1.1		46.8 θ	0.84		36.8 θ	0.77		55.1 #θ	0.70		52.8 #θ	0.88		75.3 #θ	0.80		26.1 θ	0.78	
POTASSIUM	2,360	10.0		3,620	9.5	J	2,730	7.1	J	2,330	6.5	J	2,010	5.9	J	1,940	7.4	J	2,170	6.8	J	2,130	6.6	J
SELENIUM	ND	0.77	U	ND	1.2	U	ND	0.87	U	ND	0.79	U	ND	0.72	U	ND	0.91	U	ND	0.83	U	ND	0.81	U
SILVER	ND	0.38	U	ND	0.20	U	ND	0.15	U	ND	0.14	U	ND	0.13	U	0.16 I	0.26		ND	0.18	U	ND	0.14	U
SODIUM	2,730	66.7		2,050	43.6		2,510	32.7		582	29.7	J	61.3	27.2	J	1,140	34.2	J	5,040	31.2	J	4,490	30.3	J
THALLIUM	ND	0.080	U	0.93	0.68		1.7 I	0.51		ND	0.46	U	ND	0.42	U	ND	0.53	U	ND	0.49	U	ND	0.47	U
VANADIUM	70.2	0.28		63.3	0.20		58.3	0.15		40.0	0.14		52.5	0.13		42.4	0.16		77.2	0.15		45.0	0.14	
ZINC	87.5	0.21		95.2	0.10		71.2	0.080		59.2	0.070		59.5	0.060		70.2	0.080		74.2	0.070		65.6	0.070	
Hexavalent Chromium (in µg/Kg)																								
HEXAVALENT CHROMIUM	NA			NA			NA			NA			NA			NA			NA			NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
SULFIDE	33.1	1.0		729	1.0	J	ND	12.0	UJ	NA			ND	10.0	U	ND	13.9	U	ND	12.1	U	ND	12.3	U
TOTAL ORGANIC CARBON	554	100		909	100	J	29,200	100	J	NA			7,140	100		1,970	100	J	743	100	J	ND	124	UJ
Dioxin (in µg/Kg)																								
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			NA			NA		
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			NA			NA		
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			NA			NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Σ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBK08			WHSSBL05			WHSSBL07			WHSSBM04			WHSSBM06			WHSSBM08			WHSSBM0C			WHSSBM03		
Sample ID	281WESSSC78			281WHSSS024			281WHSSS038			281WHSSS039			281WHSSS041			281WHSSS064			281WHSSS065			281WHSSS066		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	08/09/95			07/19/95			07/20/95			07/20/95			07/20/95			07/28/95			07/28/95			07/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			1.00 - 1.70			4.10 - 5.20		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in µg/Kg)																								
2,3,7,8-TETRACHLORODIBENZO-P-D	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HPCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
HXCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
OCDD	NA			NA			NA			NA			NA			NA			NA			NA		
OCDF	NA			NA			NA			NA			NA			NA			NA			NA		
PECDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
PECDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDDS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
TCDFS (TOTAL)	NA			NA			NA			NA			NA			NA			NA			NA		
Percent Moisture (percent)																								
PERCENT MOISTURE	26.0			23.0			18.0			NA			5.0			29.0			NA			NA		
PERCENT SOLID	NA			NA			NA			NA			NA			NA			NA			NA		
Miscellaneous																								
PH	8.41			8.4			7.7			7.8			8.7			8.2			8.1			8.7		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBM08		
Sample ID	281WHSSS067		
Matrix	SOIL		
Sample Date	07/28/95		
Sample Depth (in feet)	9.00 - 10.50		
	Result	**Det. Lim.**	**Qual.**
Aromatic Volatiles (in ug/Kg)			
BENZENE	NA		
ETHYLBENZENE	NA		
TOLUENE	NA		
XYLENE (TOTAL)	NA		
Volatiles (in ug/Kg)			
1,1,1-TRICHLOROETHANE	ND	43	U
1,1,2,2-TETRACHLOROETHANE	ND	43	U
1,1,2-TRICHLOROETHANE	ND	43	U
1,1-DICHLOROETHANE	ND	43	U
1,1-DICHLOROETHENE	ND	43	U
1,2-DICHLOROETHANE	ND	43	U
1,2-DICHLOROETHENE (TOTAL)	ND	43	U
1,2-DICHLOROPROPANE	ND	43	U
2-BUTANONE	ND	43	U
2-HEXANONE	ND	43	U
4-METHYL-2-PENTANONE	ND	43	U
ACETONE	ND	340	U
BENZENE	ND	43	U
BROMODICHLOROMETHANE	ND	43	U
BROMOFORM	ND	43	U
BROMOMETHANE	ND	43	U
CARBON DISULFIDE	110	43	
CARBON TETRACHLORIDE	ND	43	U
CHLOROBENZENE	ND	43	U
CHLOROETHANE	ND	43	U
CHLOROFORM	ND	43	U
CHLOROMETHANE	ND	43	U
CIS-1,3-DICHLOROPROPENE	ND	43	U
DIBROMOCHLOROMETHANE	ND	43	U
ETHYLBENZENE	ND	43	U
METHYLENE CHLORIDE	ND	43	U
STYRENE	ND	43	U
TETRACHLOROETHENE	ND	43	U
TOLUENE	ND	43	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

e = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSS3M08		
Sample ID	281WHSSS067		
Matrix	SOIL		
Sample Date	07/28/95		
Sample Depth (in feet)	9.00 - 10.50		
	Result	**Det. Lim.**	**Qual.**
Volatiles (in µg/Kg)			
TRANS-1,3-DICHLOROPROPENE	ND	43	U
TRICHLORCETHENE	ND	43	U
VINYL CHLORIDE	ND	43	U
XYLENE (TOTAL)	ND	43	U
Low Level Semivolatiles (in µg/Kg)			
1,1'-BIPHENYL	NA		
1,2,4-TRICHLOROBENZENE	NA		
1,2-DICHLOROBENZENE	NA		
1,3-DICHLOROBENZENE	NA		
1,4-DICHLOROBENZENE	NA		
1-METHYLNAPHTHALENE	NA		
1-METHYLPHENANTHRENE	NA		
2,2'-OXYBIS(1-CHLOROPROPANE)	NA		
2,3,5-TRIMETHYLNAPHTHALENE	NA		
2,4,5-TRICHLOROPHENOL	NA		
2,4,6-TRICHLOROPHENOL	NA		
2,4-DICHLOROPHENOL	NA		
2,4-DIMETHYLPHENOL	NA		
2,4-DINITROPHENOL	NA		
2,4-DINITROTOLUENE	NA		
2,6-DIMETHYLNAPHTHALENE	NA		
2,6-DINITROTOLUENE	NA		
2-CHLORONAPHTHALENE	NA		
2-CHLOROPHENOL	NA		
2-METHYLNAPHTHALENE	NA		
2-METHYLPHENOL	NA		
2-NITROANILINE	NA		
2-NITROPHENOL	NA		
3,3'-DICHLOROBENZIDINE	NA		
3-NITROANILINE	NA		
4,6-DINITRO-2-METEYLPHENOL	NA		
4-BROMOPHENYL-PHENYLETHER	NA		
4-CHLORO-3-METHYLPHENOL	NA		
4-CHLOROANILINE	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

6 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSEM08		
Sample ID	281WHSSS067		
Matrix	SOIL		
Sample Date	07/28/95		
Sample Depth (in feet)	9.00 - 10.50		
	Result	**Det. Lim.**	**Qual.**
Low Level Semivolatiles (in ug/kg)			
4-CHLOROPHENYL-PHENYLETHER	NA		
4-METHYLPHENOL	NA		
4-NITROANILINE	NA		
4-NITROPHENOL	NA		
ACENAPHTHENE	NA		
ACENAPHTHYLENE	NA		
ANTHRACENE	NA		
BENZO(A)ANTHRACENE	NA		
BENZO(A)PYRENE	NA		
BENZO(B)FLUORANTHENE	NA		
BENZO(E)PYRENE	NA		
BENZO(G,H,I)PERYLENE	NA		
BENZO(K)FLUORANTHENE	NA		
BENZOIC ACID	NA		
BENZYL ALCOHOL	NA		
BIS(2-CHLOROETHOXY)METHANE	NA		
BIS(2-CHLOROETHYL)ETHER	NA		
BIS(2-ETHYLHEXYL)PHTHALATE	NA		
BUTYLBENZYLPHTHALATE	NA		
CARBAZOLE	NA		
CHRYSENE	NA		
DI-N-BUTYLPHTHALATE	NA		
DI-N-OCTYLPHTHALATE	NA		
DIBENZ(A,H)ANTHRACENE	NA		
DIBENZOFURAN	NA		
DIBENZOTHIOPHENE	NA		
DIETHYLPHTHALATE	NA		
DIMETHYLPHTHALATE	NA		
FLUORANTHENE	NA		
FLUORENE	NA		
HEXACHLOROBENZENE	NA		
HEXACHLOROBUTADIENE	NA		
HEXACHLOROCYCLOPENTADIENE	NA		
HEXACHLOROETHANE	NA		

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

B = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBM08		
Sample ID	281WHSSS057		
Matrix	SOIL		
Sample Date	07/28/95		
Sample Depth (in feet)	9.00 - 10.50		
	Result	**Det. Lim.**	**Qual.**
Low Level Semivolatiles (in ug/Kg)			
INDENO(1,2,3-CD)PYRENE	NA		
ISOPHORONE	NA		
N-NITROSO-DI-N-PROPYLAMINE	NA		
N-NITROSODIPHENYLAMINE (1)	NA		
NAPHTHALENE	NA		
NITROBENZENE	NA		
PENTACHLOROPHENOL	NA		
PERYLENE	NA		
PHENANTHRENE	NA		
PHENOL	NA		
PYRENE	NA		
Semivolatiles (in ug/Kg)			
1,2,4-TRICHLOROBENZENE	ND	1,400	U
1,2-DICHLOROBENZENE	ND	1,400	U
1,3-DICHLOROBENZENE	ND	1,400	U
1,4-DICHLOROBENZENE	ND	1,400	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	1,400	U
2,4,5-TRICHLOROPHENOL	ND	3,600	U
2,4,6-TRICHLOROPHENOL	ND	1,400	U
2,4-DICHLOROPHENOL	ND	1,400	U
2,4-DIMETHYLPHENOL	ND	1,400	U
2,4-DINITROPHENOL	ND	3,600	U
2,4-DINITROTOLUENE	ND	1,400	U
2,6-DINITROTOLUENE	ND	1,400	U
2-CHLORONAPHTHALENE	ND	1,400	U
2-CHLOROPHENOL	ND	1,400	U
2-METHYLNAPHTHALENE	ND	1,400	U
2-METHYLPHENOL	ND	1,400	U
2-NITROANILINE	ND	3,600	U
2-NITROPHENOL	ND	1,400	U
3,3'-DICHLOROBENZIDINE	ND	1,400	U
3-NITROANILINE	ND	3,600	U
4,6-DINITRO-2-METHYLPHENOL	ND	3,600	U
4-BROMOPHENYL-PHENYLETHER	ND	1,400	U

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

6 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBM08		
Sample ID	281WHSSS067		
Matrix	SOIL		
Sample Date	07/28/95		
Sample Depth (in feet)	9.00 - 10.50		
	Result	**Det. Lim.**	**Qual.**
Semivolatiles (in ug/Kg)			
4-CHLORO-3-METHYLPHENOL	ND	1,400	U
4-CHLOROANILINE	ND	1,400	U
4-CHLOROPHENYL-PHENYLETHER	ND	1,400	U
4-METHYLPHENOL	ND	1,400	U
4-NITROANILINE	ND	3,600	U
4-NITROPHENOL	ND	3,600	U
ACENAPHTHENE	ND	1,400	U
ACENAPHTHYLENE	ND	1,400	U
ANTHRACENE	ND	1,400	U
BENZO(A)ANTHRACENE	ND	1,400	U
BENZO(A)PYRENE	ND	1,400	U
BENZO(B)FLUORANTHENE	ND	1,400	U
BENZO(G,H,I)PERYLENE	ND	1,400	U
BENZO(K)FLUORANTHENE	ND	1,400	U
BIS(2-CHLOROETHOXY)METHANE	ND	1,400	U
BIS(2-CHLOROETHYL)ETHER	ND	1,400	U
BIS(2-ETHYLHEXYL)PETHALATE	ND	1,400	U
BUTYLBENZYLPHTHALATE	ND	1,400	U
CARBAZOLE	ND	1,400	U
CHRYSENE	ND	1,400	U
DI-N-BUTYLPHTHALATE	ND	1,400	U
DI-N-OCTYLPHTHALATE	ND	1,400	U
DIBENZ(A,H)ANTHRACENE	ND	1,400	U
DIBENZOFURAN	ND	1,400	U
DIETHYLPHTHALATE	ND	1,400	U
DIMETHYLPHTHALATE	ND	1,400	U
FLUORANTHENE	ND	1,400	U
FLUORENE	ND	1,400	U
HEXACHLOROBENZENE	ND	1,400	U
HEXACHLOROBUTADIENE	ND	1,400	U
HEXACHLOROCYCLOPENTADIENE	ND	1,400	U
HEXACHLOROETHANE	ND	1,400	U
INDENO(1,2,3-CD)PYRENE	ND	1,400	U
ISOPHORONE	ND	1,400	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND: U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

9 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table includes data from CTOs 281, 282, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBM08		
Sample ID	281WHSS067		
Matrix	SOIL		
Sample Date	07/28/95		
Sample Depth (in feet)	9.00 - 10.50		
	Result	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/Kg)			
N-NITROSO-DI-N-PROPYLAMINE	ND	1,400	U
N-NITROSODIPHENYLAMINE (1)	ND	1,400	U
NAPHTHALENE	ND	1,400	U
NITROBENZENE	ND	1,400	U
PENTACHLOROPHENOL	ND	3,600	U
PHENANTERENE	ND	1,400	U
PHENOL	1,600	1,400	
PYRENE	ND	1,400	U
Low Level Pesticides/PCBs (in µg/Kg)			
2,4'-DDD	NA		
2,4'-DDE	NA		
2,4'-DDT	NA		
4,4'-DDD	NA		
4,4'-DDE	NA		
4,4'-DDT	NA		
ALDRIN	NA		
ALPHA-CHLORDANE	NA		
DIELDRIN	NA		
GAMMA-BHC (LINDANE)	NA		
HEPTACHLOR	NA		
HEPTACHLOR EPOXIDE	NA		
HEXACHLOROBENZENE	NA		
MIREX	NA		
PCB-101 (2,2',3,5,5')	NA		
PCB-105 (2,3,3',4,4')	NA		
PCB-118 (2,3',4,4',5)	NA		
PCB-126 (3,3',4,4',5)	NA		
PCB-128 (2,2',3,3',4,4')	NA		
PCB-138 (2,2',3,4,4',5')	NA		
PCB-153 (2,2',4,4',5,5')	NA		
PCB-170 (2,2',3,3',4,4',5)	NA		
PCB-18 (2,2',5)	NA		
PCB-180 (2,2',3,4,4',5,5')	NA		
PCB-187 (2,2',3,4',5,5',6)	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WESSBM08		
Sample ID	281WHSSS057		
Matrix	SOIL		
Sample Date	07/28/95		
Sample Depth (in feet)	9.00 - 10.50		
	Result	**Det. Lim.**	**Qual.**
Low Level Pesticides/PCBs (in µg/Kg)			
PCB-195 (2,2',3,3',4,4',5,6) PCB-206 (2,2',3,3',4,4',5,5',6 PCB-209 (2,2',3,3',4,4',5,5',6 PCB-28 (2,4,4')	NA NA NA NA		
PCB-44 (2,2',3,5') PCB-52 (2,2',5,5') PCB-66 (2,3',4,4') PCB-77 (3,3',4,4')	NA NA NA NA		
PCB-8 (2,4') TRANS-NONACHLOR	NA NA		
Pesticides/PCBs (in µg/Kg)			
4,4'-DDD 4,4'-DDE 4,4'-DDT ALDRIN	ND ND ND ND	14 14 14 7	U U U U
ALPHA-BHC ALPHA-CHLORDANE AROCLOR-1016 AROCLOR-1221	ND ND ND ND	7 7 140 280	U U U U
AROCLOR-1232 AROCLOR-1242 AROCLOR-1248 AROCLOR-1254	ND ND ND ND	140 140 140 140	U U U U
AROCLOR-1260 BETA-BHC DELTA-BHC DIELDRIN	ND ND ND ND	140 7 7 14	U U U U
ENDOSULFAN I ENDOSULFAN II ENDOSULFAN SULFATE ENDRIN	ND ND ND ND	7 14 14 14	U U U U
ENDRIN ALDEHYDE ENDRIN KETONE GAMMA-BHC (LINDANE)	ND ND ND	14 14 7	U U U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSEMC8		
Sample ID	281WHSS067		
Matrix	SOIL		
Sample Date	07/28/95		
Sample Depth (in feet)	9.00 - 10.50		
	Result	**Det. Lim.**	**Qual.**
Pesticides/PCBs (in ug/Kg)			
GAMMA-CHLORDANE	ND	7	U
HEPTACELOR	ND	7	U
HEPTACELOR EPOXIDE	ND	7	U
METHOXYCHLOR	ND	72	U
TOXAPHENE	ND	720	U
Explosives (in µg/Kg)			
1,3,5-TRINITROBENZENE	NA		
1,3-DINITROBENZENE	NA		
2,4,6-TRINITROTOLUENE	NA		
2,4-DINITROTOLUENE	NA		
2,6-DINITROTOLUENE	NA		
2-NITROTOLUENE	NA		
3-NITROTOLUENE	NA		
4-NITROTOLUENE	NA		
HMX	NA		
NITROBENZENE	NA		
RDX	NA		
TETRYL	NA		
Petroleum Indicators(in mg/Kg)			
DIESEL	NA		
GASOLINE	NA		
MOTOR OIL	NA		
Total Metals (in mg/Kg)			
ALUMINUM	7,140	14.2	
ANTIMONY	NA		
ARSENIC	ND	3.7	U
BARIUM	31.7	0.26	
BERYLLIUM	ND	0.090	U
CADMIUM	ND	0.17	U
CALCIUM	7,340	12.6	J
CHROMIUM	ND	21.2	U
COBALT	3.7	0.44	
COPPER	ND	17.6	U
IRON	8,830	13.7	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBM08		
Sample ID	281WHSSS067		
Matrix	SOIL		
Sample Date	07/28/95		
Sample Depth (in feet)	9.00 - 10.50		
	Result	**Det. Lim.**	**Qual.**
Total Metals (in mg/kg)			
LEAD	ND	3.9	U
MAGNESIUM	10,500	14.3	
MANGANESE	53.1	0.52	
MERCURY	ND	0.35	U
MOLYBDENUM	ND	3.8	U
NICKEL	25.0 6	2.9	
POTASSIUM	2,850	24.3	J
SELENIUM	ND	3.0	U
SILVER	ND	0.52	U
SODIUM	15,900	126	J
THALLIUM	ND	1.7	U
VANADIUM	44.8	0.52	
ZINC	ND	39.8	U
Hexavalent Chromium (in mg/kg)			
HEXAVALENT CHROMIUM	NA		
Anions, Solids, Sulfides, and TOC (in mg/kg)			
SULFIDE	ND	45.9	U
TOTAL ORGANIC CARBON	355,000	100	J
Dioxin (in ug/kg)			
1,2,3,4,6,7,8-HPCDD	NA		
1,2,3,4,6,7,8-HPCDF	NA		
1,2,3,4,7,8,9-HPCDF	NA		
1,2,3,4,7,8-HXCDD	NA		
1,2,3,4,7,8-HXCDF	NA		
1,2,3,6,7,8-HXCDD	NA		
1,2,3,6,7,8-HXCDF	NA		
1,2,3,7,8,9-HXCDD	NA		
1,2,3,7,8,9-HXCDF	NA		
1,2,3,7,8-PECDD	NA		
1,2,3,7,8-PECDF	NA		
2,3,4,6,7,8-HXCDF	NA		
2,3,4,7,8-PECDF	NA		
2,3,7,8-TCDF	NA		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

6 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBM08		
Sample ID	28_WHSSS067		
Matrix	SOIL		
Sample Date	07/28/95		
Sample Depth (in feet)	9.00 - 10.50		
	Result	**Det. Lim.**	**Qual.**
Dioxin (in ug/Kg)			
2,3,7,8-TETRACHLORODIBENZO-P-D	NA		
HPCDDS (TOTAL)	NA		
HPCDFS (TOTAL)	NA		
HXCDDS (TOTAL)	NA		
HXCDFS (TOTAL)	NA		
OCDD	NA		
OCDF	NA		
PECDDS (TOTAL)	NA		
PECDFS (TOTAL)	NA		
TCDDS (TOTAL)	NA		
TCDFS (TOTAL)	NA		
Percent Moisture (percent)			
PERCENT MOISTURE	NA		
PERCENT SOLID	NA		
Miscellaneous			
PH	8.2		

Notes: Detected concentrations are shaded.

ug/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table includes data from CTOs 281, 283, & 033

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBBC3			WHSSBB07			WHSSBC08			WHSSBF03			WHSSBG06			WHSSBK06		
Sample ID	281WHSSS017			281WHSSS018			281WHSSSC20			281WHSSSC55A			281WHSSS098			281WHSSS033		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			07/19/95			07/19/95			07/25/95			08/25/95			07/20/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Wet Acid Metals (in µg/L)																		
ALUMINUM	147,000	16.3	J	360,000	16.3	J	388,000	16.3	J	134,000	16.3	J	415,000	16.3	J	11,000	16.3	J
ANTIMONY	ND	2.1	UJ	7.9	2.1	J	7.4	2.1	J	ND	2.1	UJ	4.2	2.1	J	ND	2.1	UJ
ARSENIC	70.2 αß	2.8	J	51.8 αß	2.8	J	15.4	2.8	J	42.5 αß	2.8	J	25.9	2.8	J	30.1	2.8	J
BARIUM	11,900	0.30	J	3,420	0.30	J	11,700	0.30	J	12,700	0.30	J	12,900	0.30	J	12,200	0.30	J
BERYLLIUM	5.8 τ	0.10	J	ND	0.10	UJ	ND	0.10	UJ	15.2 τ	0.10	J	11.9 τ	0.10	J	11.3 τ	0.10	J
CADMIUM	29.3 αßτ	0.20	J	ND	0.20	UJ	ND	0.20	UJ	21.2 αßτ	0.20	J	ND	0.20	UJ	13.1 τ	0.20	J
CALCIUM	384,000	14.4	J	240,000	14.4	J	142,000	14.4	J	1,460,000	14.4	J	393,000	14.4	J	269,000	14.4	J
CHROMIUM	184 ß	1.8	J	546 βτ	1.8	J	928 βτ	1.8	J	141 ß	1.8	J	349 βτ	1.8	J	253 βτ	1.8	J
COBALT	515	0.50	J	227	0.50	J	903	0.50	J	307	0.50	J	442	0.50	J	835	0.50	J
COPPER	494 αßτ	0.80	J	2,420 ατ	0.80	J	2,100 αß	0.80	J	1,351 αß	0.80	J	558 αß	0.80	J	1,040 αß	0.80	J
IRON	316,000 τ	15.7	J	835,000 τ	15.7	J	755,000 τ	15.7	J	95,900 τ	15.7	J	184,000 τ	15.7	J	188,000 τ	15.7	J
LEAD	974 αßτ	1.5	J	1,700 αßτ	1.5	J	545 αßτ	1.5	J	417 αßτ	1.5	J	343 αßτ	1.5	J	417 αßτ	1.5	J
MAGNESIUM	169,000	16.4	J	164,000	16.4	J	489,000	16.4	J	204,000	16.4	J	201,000	30.0	J	173,000	16.4	J
MANGANESE	14,900	0.60	J	3,750	0.60	J	42,600	0.60	J	24,200	0.60	J	18,600	0.60	J	36,100	0.60	J
MERCURY	0.11 αßτ	0.10	J	0.19 αßτ	0.10	J	0.42 αßτ	0.10	J	3.6 αßτ	0.10	J	1.8 αßτ	0.10	J	3.1 αßτ	0.10	J
MOLYBDENUM	ND	0.90	U	ND	0.90	U	ND	0.90	U	ND	0.90	U	ND	0.90	U	ND	0.90	U
NICKEL	725 αßτ	3.3	J	554 αßτ	3.3	J	3,140 αßτ	3.3	J	494 αßτ	3.3	J	1,290 αßτ	3.3	J	1,060 αßτ	3.3	J
POTASSIUM	87,600	27.8	J	52,400	27.8	J	61,100	27.8	J	50,200	27.8	J	18,600	27.8	J	38,200	27.8	J
SELENIUM	ND	34.0	UJ	ND	3.4	UJ	ND	34.0	UJ	ND	3.4	UJ	ND	3.4	UJ	ND	3.4	UJ
SILVER	ND	0.60	U	1.7 αßτ	0.60	J	ND	0.60	U	ND	0.60	U	ND	0.60	U	ND	0.60	U
SODIUM	298,000	128	J	163,000	128	J	357,000	128	J	223,000	126	J	269,000	128	J	150,000	128	J
THALLIUM	ND	2.0	U	ND	2.0	U	ND	2.0	U	9.9	2.0	J	12.2	2.0	J	10.4	2.0	J
VANADIUM	1,360	0.60	J	1,130	0.60	J	2,280	0.60	J	745	0.60	J	1,570	0.60	J	1,550	0.60	J
ZINC	15,800 αßτ	0.30	J	9,120 αßτ	0.30	J	8,360 αßτ	0.30	J	1,810 αßτ	0.30	J	814 αßτ	0.30	J	2,110 αßτ	0.30	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

τ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

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Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBA04			WHSSBA06			WHSSBB03			WHSSBB07			WHSSBC02			WHSSBC08			WHSSBD03			WHSSBE02		
Sample ID	281WHSSS016			281WHSSS106			281WHSSS017			281WHSSS018			281WHSSS038			281WHSSS020			281WHSSS056			281WHSSS019		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			08/25/95			07/19/95			07/19/95			08/11/95			07/19/95			07/25/95			07/19/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
WET DI Metals (in µg/L)																								
ALUMINUM	2,050	16.3	J	986	15.3	J	612	16.3	J	350,000	16.3	J	862	16.3	J	5,940	16.3	J	608	16.3	J	387	16.3	J
ANTIMONY	ND	2.1	U	ND	2.1	U	4.6	2.1	J	ND	16.5	U	ND	2.1	U	7.1	2.1	J	ND	2.1	U	ND	2.1	U
ARSENIC	12.2	2.8	J	ND	2.8	U	19.2	2.8	J	45.1 αß	2.8	J	63.7 αß	2.8	J	20.7	2.8	J	11.4	2.8	J	3.6	2.8	J
BARIUM	134	0.30	J	44	0.30	J	95.7	0.30	J	3,340	0.30	J	13.5	0.30	J	413	0.30	J	7.2	0.30	J	51.2	0.30	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U
CADMIUM	ND	0.20	U	ND	0.20	U	0.69	0.20	J	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.20	U
CALCIUM	1,480	14.4	J	7,370	14.4	J	2,110	14.4	J	234,000	14.4	J	5,850	14.4	J	5,670	14.4	J	2,540	14.4	J	3,870	14.4	J
CHROMIUM	4.2	1.8	J	ND	1.8	U	ND	1.8	U	524 γ	1.8	J	ND	7.5	U	27.9	1.8	J	2.8	1.8	J	ND	1.8	U
COBALT	3.0	0.50	J	1.4	0.50	J	8.0	0.50	J	220	0.50	J	ND	0.50	U	30.6	0.50	J	ND	0.50	U	0.68	0.50	J
COPPER	7.9 α	0.80	J	7.6 α	0.80	J	41.2 αγ	0.80	J	2,320 αγ	0.80	J	35.4 αγ	0.80	J	190 αγ	0.80	J	33.9 αγ	0.80	J	8.6 α	0.80	J
IRON	2,050 γ	15.7	J	1,180 γ	15.7	J	1,700 γ	15.7	J	749,000 γ	15.7	J	1,280 γ	15.7	J	10,100 γ	15.7	J	1,930 γ	15.7	J	384	15.7	J
LEAD	2.8	1.5	J	ND	1.5	U	18.4 αßγ	1.5	J	3,630 αßγ	1.5	J	28.5 αßγ	1.5	J	28.9 αßγ	1.5	J	16.1 αßγ	1.5	J	1.9	1.5	J
MAGNESIUM	2,930	16.4	J	3,560	30.0	J	1,900	16.4	J	156,000	16.4	J	10,900	16.4	J	11,000	16.4	J	4,020	16.4	J	5,020	16.4	J
MANGANESE	110	0.60	J	45.5	0.60	J	165	0.60	J	3,590	0.60	J	22.6	0.60	J	1,450	0.60	J	18.8	0.60	J	8.5	0.60	J
MERCURY	0.19 αßγ	0.10	J	1.2 αßγ	0.10	J	0.20 αßγ	0.10	J	0.28 αßγ	0.10	J	ND	0.10	U	0.60 αßγ	0.10	J	ND	0.10	U	0.13 αßγ	0.10	J
MOLYBDENUM	3.2	0.90	J	ND	0.90	U	5.9	0.90	J	ND	0.90	U	12.7	0.90	J	2.8	0.90	J	7.9	0.90	J	2.1	0.90	J
NICKEL	5.6	3.3	J	ND	3.3	U	19.6 αß	3.3	J	579 αßγ	3.3	J	13.3 αß	3.3	J	133 αß	3.3	J	4.8	3.3	J	4.2	3.3	J
POTASSIUM	2,780	27.8	J	2,250	502	J	11,800	27.8	J	49,000	27.8	J	19,600	27.8	J	6,950	27.8	J	1,000	27.8	J	8,340	27.8	J
SELENIUM	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U
SILVER	ND	0.60	U	ND	0.60	U	ND	0.60	U	1.5 αßγ	0.60	J	ND	0.60	U	ND	0.60	U	1.5 αßγ	0.60	J	ND	0.60	U
SODIUM	104,000	128	J	56,000	128	J	170,000	128	J	249,000	128	J	245,000	128	J	103,000	128	J	105,000	128	J	255,000	128	J
THALLIUM	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	10.3	U	ND	2.0	U	ND	2.0	U	ND	2.0	U	ND	2.0	U
VANADIUM	47.8	0.60	J	21.3	0.60	J	72.5	0.60	J	11,050	0.60	J	55.2	0.60	J	305	0.60	J	21.5	0.60	J	24.1	0.60	J
ZINC	136 αßγ	0.30	J	9.4	0.30	J	132 αßγ	0.30	J	8,550 αßγ	0.30	J	21.5	0.30	J	69.1	0.30	J	51.6	0.30	J	24.7	0.30	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

γ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSBE06			WHSSBE08			WHSSBF03			WHSSBG05			WHSSBH07			WHSSBI02			WHSSBK06			WHSSBK08		
Sample ID	281WHSSS022			281WESSS102			281WHSSS055A			281WHSSS098			281WHSSS094			281WHSSS023			281WHSSS033			281WHSSS078		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	07/19/95			08/25/95			07/25/95			08/25/95			08/24/95			07/19/95			07/20/95			08/09/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
WET DI Metals (in µg/L)																								
ALUMINUM	2,150	16.3	J	761	16.3	J	3,060	16.3	J	833	16.3	J	7,740	16.3	J	93.0	16.3	J	4,530	16.3	J	523	12.1	J
ANTIMONY	5.1	2.1	J	11.2	2.1	J	4.3	2.1	J	3.0	2.1	J	2.4	2.1	J	2.4	2.1	J	2.4	2.1	J	ND	2.4	U
ARSENIC	ND	2.8	U	ND	2.8	U	19.0	2.8	J	2.5	2.8	J	ND	2.8	U	ND	2.8	U	ND	2.8	U	8.7	2.1	J
BARIUM	76.7	0.30	J	24.9	0.30	J	245	0.30	J	33.3	0.30	J	84.6	0.30	J	242	0.30	J	135	0.30	J	1,520	3.2	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.34	U	ND	0.10	U	ND	0.10	U	ND	0.070	U
CADMIUM	ND	0.20	U	ND	0.20	U	1.9 ß	0.20	J	ND	0.20	U	ND	0.20	U	ND	0.20	U	ND	0.20	U	NL	0.20	U
CALCIUM	7,890	14.4	J	3,260	14.4	J	3,700	14.4	J	5,450	14.4	J	3,820	14.4	J	31,500	14.4	J	9,230	14.4	J	30,900	73.9	J
CHROMIUM	7.4	1.8	J	4.0	1.8	J	7.7	1.8	J	ND	1.8	U	14.2	1.8	J	ND	1.8	U	7.3	1.8	J	4.7	1.3	J
COBALT	1.6	0.50	J	ND	0.50	U	3.2	0.50	J	ND	0.50	U	5.7	0.50	J	12.3	0.50	J	2.2	0.50	J	0.96	0.79	J
COPPER	17.6 αT	0.80	J	59.0 αT	0.80	J	73.7 αT	0.80	J	3.5 α	0.80	J	55.8 αT	0.80	J	5.4 α	0.80	J	14.9 αT	0.80	J	21.1 αT	1.1	J
IRON	2,350 τ	15.7	J	2,640 τ	15.7	J	4,590 τ	15.7	J	711	15.7	J	5,830 τ	15.7	J	231	15.7	J	3,830 τ	15.7	J	389	24.1	J
LEAD	15.8 αßτ	1.5	J	76.3 αßτ	1.5	J	57.5 αßτ	1.5	J	1.8	1.5	J	10.9 αßτ	1.5	J	2.0	1.5	J	5.3 τ	1.5	J	7.5 τ	1.7	J
MAGNESIUM	5,150	16.4	J	4,240	30.0	J	4,790	16.4	J	2,600	30.0	J	7,380	30.0	J	29,500	16.4	J	7,110	16.4	J	8,600	68.1	J
MANGANESE	87.3	0.60	J	19.2	0.60	J	117	0.60	J	5.3	0.60	J	133	0.60	J	4,440	0.60	J	107	0.60	J	32.5	0.30	J
MERCURY	ND	0.10	U	ND	0.10	U	ND	0.10	UJ	ND	0.10	U	0.84 αßτ	0.10	J	ND	0.10	U	ND	0.10	U	0.090 αßτ	0.080	J
MOLYBDENUM	4.2	0.90	J	0.91	0.90	J	20.2	0.90	J	1.2	0.90	J	ND	0.90	U	ND	0.90	U	3.2	0.90	J	6.8	1.7	J
NICKEL	9.2 αß	3.3	J	5.9	3.3	J	12.0 αß	3.3	J	ND	3.3	U	31.7 αß	3.3	J	21.1 αß	3.3	J	12.8 αß	3.3	J	6.4	1.6	J
POTASSIUM	6,910	27.8	J	5,860	602	J	5,140	27.8	J	580	27.8	J	5,640	27.8	J	14,200	27.8	J	7,110	27.8	J	6,570	38.5	J
SELENIUM	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.4	U	ND	3.0	U
SILVER	ND	0.60	U	ND	0.60	U	ND	0.60	U	ND	0.74	U	ND	0.60	UJ	ND	0.60	U	ND	0.60	U	ND	1.5	U
SODIUM	55,500	128	J	118,000	128	J	107,000	128	J	187,000	128	J	121,000	128	J	114,000	128	J	103,000	128	J	103,000	2,580	J
THALLIUM	ND	2.0	U	ND	2.0	U	ND	2.0	UJ	ND	2.0	U	ND	2.0	UJ	8.4	2.0	J	ND	2.0	U	ND	0.50	U
VANADIUM	12.7	0.60	J	6.4	0.60	J	72.0	0.60	J	50.1	0.60	J	31.2	0.60	J	0.94	0.60	J	23.6	0.60	J	23.2	1.1	J
ZINC	69.6	0.30	J	62.2	0.30	J	421 αßτ	0.30	J	16.4	0.30	J	45.3 τ	0.30	J	679 αßτ	0.30	J	54.8	0.30	J	847 αßτ	0.79	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

τ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-1

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WESS3L05			WHSSBM08		
Sample ID	281WHSSS024			281WHSSS064		
Matrix	SOIL			SOIL		
Sample Date	07/19/95			07/28/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50		
	Result	**Det. Lim.**	**Qual.**	**Result**	**Det. Lim.**	**Qual.**
WET DI Metals (in µg/L)						
ALUMINUM	ND	16.3	UJ	1,910	6.3	J
ANTIMONY	4.1	2.1	J	ND	3.0	U
ARSENIC	ND	2.8	U	13.1	1.4	J
BARIUM	208	0.30	J	52.8	0.40	J
BERYLLIUM	ND	0.10	U	ND	0.10	U
CADMIUM	ND	0.20	U	ND	0.34	U
CALCIUM	93,700	14.4	J	5,260	11.9	J
CHROMIUM	ND	1.8	U	ND	8.5	U
COBALT	ND	0.50	U	4.2	0.40	J
COPPER	4.8 α	0.80	J	41.2 αγ	0.50	J
IRON	ND	15.7	UJ	5,010 γ	10.1	J
LEAD	ND	1.5	U	28.1 αβγ	1.3	J
MAGNESIUM	44,000	16.4	J	5,880	5.1	J
MANGANESE	2.4	0.60	J	185	0.20	J
MERCURY	ND	0.10	U	ND	0.10	U
MOLYBDENUM	14.4	0.90	J	ND	1.7	U
NICKEL	ND	3.5	U	15.5 αβ	1.3	J
POTASSIUM	21,100	27.6	J	6,830	42.9	J
SELENIUM	3.8	3.4	J	4.2	3.5	J
SILVER	ND	0.60	U	ND	0.60	U
SODIUM	97,100	128	J	52,400	129	J
THALLIUM	ND	2.0	U	ND	1.5	U
VANADIUM	1.3	0.60	J	85.1	0.70	J
ZINC	10.8	0.30	J	71.3	0.30	J

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

γ = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-2

Analytical Results for Sediment

Wood Hogger Site (Site 11)

Point ID	WHSSL001			WHSSL002			WHSSL003		
Sample ID	281WHSST001			281WHSST002			281WHSST003		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	08/08/95			08/08/95			08/08/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/Kg)									
1,1'-BIPHENYL	ND	460	U	ND	430	U	ND	320	U
1,2,4-TRICHLOROBENZENE	ND	460	U	ND	430	U	ND	320	U
1,2-DICHLOROBENZENE	ND	460	U	ND	430	U	ND	320	U
1,3-DICHLOROBENZENE	ND	460	U	ND	430	U	ND	320	U
1,4-DICHLOROBENZENE	ND	460	U	ND	430	U	ND	320	U
1-METHYLNAPHTHALENE	ND	460	U	ND	430	U	ND	320	U
1-METHYLPHENANTRENE	ND	460	J	ND	430	U	ND	320	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	460	U	ND	430	U	ND	320	U
2,3,5-TRIMETHYLNAPHTHALENE	ND	460	U	ND	430	U	ND	320	U
2,4,5-TRICHLOROPHENOL	ND	1,100	U	ND	1,100	U	ND	800	U
2,4,6-TRICHLOROPHENOL	ND	460	U	ND	430	U	ND	320	U
2,4-DICHLOROPHENOL	ND	460	U	ND	430	U	ND	320	U
2,4-DIMETHYLPHENOL	ND	460	U	ND	430	U	ND	320	U
2,4-DINITROPHENOL	ND	1,100	U	ND	1,100	U	ND	800	U
2,4-DINITROTOLUENE	ND	460	U	ND	430	U	ND	320	U
2,6-DIMETHYLNAPHTHALENE	ND	460	U	ND	430	U	ND	320	U
2,6-DINITROTOLUENE	ND	460	U	ND	430	U	ND	320	U
2-CHLORONAPHTHALENE	ND	460	U	ND	430	U	ND	320	U
2-CHLOROPHENOL	ND	460	U	ND	430	U	ND	320	U
2-METHYLNAPHTHALENE	ND	460	U	ND	430	U	ND	320	U
2-METEYLPHENOL	ND	460	U	ND	430	U	ND	320	U
2-NITROANILINE	ND	1,100	U	ND	1,100	U	ND	800	U
2-NITROPHENOL	ND	460	U	ND	430	U	ND	320	U
3,3'-DICHLOROBENZIDINE	ND	460	U	ND	430	U	ND	320	U
3-NITROANILINE	ND	1,100	U	ND	1,100	U	ND	800	U
4,6-DINITRO-2-METHYLPHENOL	ND	1,100	U	ND	1,100	U	ND	800	U
4-BROMOPHENYL-PHENYLETHER	ND	460	U	ND	430	U	ND	320	U
4-CHLORO-3-METHYLPHENOL	ND	460	U	ND	430	U	ND	320	U
4-CHLOROANILINE	ND	460	U	ND	430	U	ND	320	U
4-CHLOROPHENYL-PHENYLETHER	ND	460	U	ND	430	U	ND	320	U
4-METHYLPHENOL	ND	460	U	ND	430	U	ND	320	U
4-NITROANILINE	ND	1,100	U	ND	1,100	U	ND	800	U
4-NITROPHENOL	ND	1,100	U	ND	1,100	U	ND	800	U
ACENAPHTHENE	ND	460	U	ND	430	U	ND	320	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-2

Analytical Results for Sediment

Wood Hogger Site (Site 11)

Point ID	WHSSL001			WHSSL002			WHSSL003		
Sample ID	281WHSST001			281WHSST002			281WHSST003		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	08/08/95			08/08/95			08/08/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in ug/kg)									
ACENAPHTHYLENE	ND	460	U	ND	430	U	ND	320	U
ANTHRACENE	ND	460	U	ND	430	U	ND	320	U
BENZO(A)ANTHRACENE	ND	460	U	ND	430	U	ND	320	U
BENZO(A)PYRENE	ND	460	U	ND	430	U	ND	320	U
BENZO(B)FLUORANTHENE	ND	460	U	ND	430	U	ND	320	U
BENZO(E)PYRENE	ND	460	U	ND	430	U	ND	320	U
BENZO(G,H,I)PERYLENE	ND	460	U	ND	430	U	ND	320	U
BENZO(K)FLUORANTHENE	ND	460	U	ND	430	U	ND	320	U
BENZOIC ACID	ND	1,100	U	ND	1,100	U	ND	800	U
BENZYL ALCOHOL	ND	460	U	ND	430	U	ND	320	U
BIS(2-CHLOROETHOXY)METHANE	ND	460	U	ND	430	U	ND	320	U
BIS(2-CHLOROETHYL)ETHER	ND	460	U	ND	430	U	ND	320	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	460	U	ND	430	U	ND	320	U
BUTYLBENZYLPHTHALATE	ND	460	U	ND	430	U	ND	320	U
CARBAZOLE	ND	460	U	ND	430	U	ND	320	U
CHRYSENE	ND	460	U	ND	430	U	ND	320	U
DI-N-BUTYLPHTHALATE	ND	460	U	ND	430	U	ND	320	U
DI-N-OCTYLPHTHALATE	ND	460	U	ND	430	U	ND	320	U
DIBENZ(A,H)ANTHRACENE	ND	460	U	ND	430	U	ND	320	U
DIBENZOFURAN	ND	460	U	ND	430	U	ND	320	U
DIBENZOTHIOPHENE	ND	460	U	ND	430	U	ND	320	U
DIETHYLPHTHALATE	ND	460	U	ND	430	U	ND	320	U
DIMETHYLPHTHALATE	ND	460	U	ND	430	U	ND	320	U
FLUORANTHENE	ND	460	U	ND	430	U	ND	320	U
FLUORENE	ND	460	U	ND	430	U	ND	320	U
HEXACHLOROBENZENE	ND	460	U	ND	430	U	ND	320	U
HEXACHLOROBUTADIENE	ND	460	U	ND	430	U	ND	320	U
HEXACHLOROCYCLOPENTADIENE	ND	460	UJ	ND	430	UJ	ND	320	UJ
HEXACHLOROETHANE	ND	460	U	ND	430	U	ND	320	U
INDENO(1,2,3-CD)PYRENE	ND	460	U	ND	430	U	ND	320	U
ISOPHORONE	ND	460	U	ND	430	U	ND	320	U
N-NITROSO-DI-N-PROPYLAMINE	ND	460	U	ND	430	U	ND	320	U
N-NITROSODIPHENYLAMINE (1)	ND	460	U	ND	430	U	ND	320	U
NAPHTHALENE	ND	460	U	ND	430	U	ND	320	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-2

Analytical Results for Sediment

Wood Hogger Site (Site 11)

Point ID	WHSSL001			WHSSL002			WESSL003		
Sample ID	281WHSST001			281WHSST002			281WHSST003		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	08/08/95			08/08/95			08/08/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Semivolatiles (in µg/Kg)									
NITROBENZENE	ND	460	U	ND	430	U	ND	320	U
PENTACHLOROPHENOL	ND	2,100	U	ND	1,100	U	ND	800	U
PERYLENE	ND	460	U	ND	430	U	ND	320	U
PHENANTHRENE	ND	460	U	ND	430	U	ND	320	U
PHENOL	ND	460	U	ND	430	U	ND	320	U
PYRENE	ND	460	U	ND	430	U	ND	320	U
Low Level Pesticides/PCBs (in µg/Kg)									
2,4'-DDD	0.7	0.5	J	ND	0.4	U	ND	0.3	UJ
2,4'-DDE	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
2,4'-DDT	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
4,4'-DDD	1	0.5	J	1	0.4		1	0.3	J
4,4'-DDE	2	0.5	J	2	0.4		1	0.3	J
4,4'-DDT	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
ALDRIN	ND	0.5	U	ND	0.4	U	ND	0.3	UJ
ALPHA-CHLORDANE	2 θ	0.5	J	ND	0.4	U	0.6 θ	0.3	J
DIELDRIN	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
GAMMA-BHC (LINDANE)	ND	0.5	U	ND	0.4	U	ND	0.3	UJ
HEPTACHLOR	2	0.5		ND	0.4	U	ND	0.3	UJ
HEPTACHLOR EPOXIDE	ND	0.5	UJ	ND	0.4	UJ	ND	0.3	UJ
HEXACHLOROBENZENE	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
MIREX	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-101 (2,2',3,5,5')	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-105 (2,3,3',4,4')	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-118 (2,3',4,4',5)	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-126 (3,3',4,4',5)	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-128 (2,2',3,3',4,4')	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-138 (2,2',3,4,4',5')	ND	0.8	U	ND	0.6	U	ND	0.7	U
PCB-153 (2,2',4,4',5,5')	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-170 (2,2',3,3',4,4',5)	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-18 (2,2',5)	ND	0.5	U	ND	0.4	U	ND	0.3	UJ
PCB-180 (2,2',3,4,4',5,5')	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-187 (2,2',3,4',5,5',6)	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-195 (2,2',3,3',4,4',5,6)	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-206 (2,2',3,3',4,4',5,5',	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ

Notes: Detected concentrations are shaded.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-2

Analytical Results for Sediment

Wood Hogger Site (Site 11)

Point ID	WHSSL001			WHSSL002			WHSSL003		
Sample ID	281WHSST001			281WHSST002			281WHSST003		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	08/08/95			08/08/95			08/08/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)									
PCB-209 (2,2',3,3',4,4',5,5',6	ND	0.5	UJ	ND	0.4	U	ND	0.3	UJ
PCB-28 (2,4,4')	ND	0.5	U	ND	0.4	U	ND	0.3	UJ
PCB-44 (2,2',3,5')	0.5	0.5	J	ND	0.4	UJ	0.5	0.3	J
PCB-52 (2,2',5,5')	0.8	0.5		0.9	0.4	J	ND	0.3	UJ
PCB-66 (2,3',4,4')	ND	0.5	UJ	ND	0.4	UJ	ND	0.3	UJ
PCB-77 (3,3',4,4')	ND	0.5	U	ND	0.4	U	ND	0.3	UJ
PCB-8 (2,4')	ND	0.5	UJ	ND	0.4	UJ	0.7	0.3	J
TRANS-NONACHLOR	0.9	0.5	J	ND	0.4	U	ND	0.3	UJ
Total Metals (in mg/Kg)									
ALUMINUM	28,700 Γ	3.9		26,500 Γ	4.9		35,200 Γ	3.1	
ANTIMONY	1.8 Γ	0.87	J	2.2 θΓ	1.1		1.8	0.70	J
ARSENIC	21.4 *θ	0.83		13.2 *θ	1.0		25.9 *θΓ	0.67	
BARIUM	89.8	1.3		85.7	1.7		82.8	1.1	
BERYLLIUM	0.68 *Γ	0.079		0.59 *Γ	0.099		0.72 *Γ	0.064	
CADMIUM	ND	0.12	U	ND	0.15	UJ	ND	0.10	U
CALCIUM	4,530	34.2		3,800	43.1		2,720	27.6	
CHROMIUM	86.9 θΓ	0.20		85.0 θΓ	0.25		94.7 θΓ	0.16	
COBALT	24.8 Γ	0.39		19.6	0.50		13.1	0.32	
COPPER	76.1 θΓ	0.28		71.9 θΓ	0.35		73.5 θΓ	0.22	
IRON	31,100	7.3		48,600	9.2		37,900	5.9	
LEAD	41.5	0.59		40.2	0.74		52.2 θσ	0.48	
MAGNESIUM	12,900	36.4		13,200	46.8		10,200	29.4	
MANGANESE	430	0.16		430	0.20		285	0.13	
MERCURY	0.35 θΣ	0.021	J	0.37 θΓσ	0.026	J	0.51 θΓσ	0.015	J
MOLYBDENUM	1.3	0.55		1.6	0.69		1.9	0.44	
NICKEL	95.5 #θ	0.39		90.5 #θ	0.50		75.6 #θ	0.32	
POTASSIUM	1,190	41.4		1,310	52.1		1,070	33.4	
SELENIUM	ND	1.5	U	ND	1.8	U	1.3 σΓσ	1.2	
SILVER	ND	0.31	U	ND	0.40	U	ND	0.25	U
SODIUM	2,470	78.8		5,430	99.1		6,150	63.6	
THALLIUM	ND	0.51	U	ND	0.70	U	ND	0.58	U
VANADIUM	103 Γ	0.43		92.3 Γ	0.54		119 Γ	0.35	
ZINC	203 θΓσ	0.16		200 θΓσ	0.20		107	0.13	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & 933

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-2

Analytical Results for Sediment

Wood Hogger Site (Site 11)

Point ID	WHSSL001			WHSSL002			WHSSL003		
Sample ID	281WHSST001			281WHSST002			281WESST003		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	08/08/95			08/08/95			08/08/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Anions, Solids, Sulfides, and TOC (in mg/kg)									
SULFIDE	2,920	1.0	J	6,600	1.0	J	6,990	1.0	J
TOTAL ORGANIC CARBON	17,700	100		22,500	100		26,200	100	
Percent Moisture (percent)									
PERCENT MOISTURE	71.0			65.0			59.0		
Miscellaneous									
PH	7.91			8.45			7.69		

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use (EPA 1996).

= Detected concentrations greater than the effects range median (ERM) guideline values (Long et. al. 1995).

θ = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

σ = Detected concentrations greater than wetlands cover values (RWQCB 1992).

Table includes data from CTOs 281, 283, & C33

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-2

Analytical Results for Sediment

Wood Hogger Site (Site 11)

Point ID	WHSSL001			WHSSL002			WHSSL003		
Sample ID	281WHSST001			281WHSST002			281WHSST003		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	08/08/95			08/08/95			08/08/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
WET Acid Metals (in µg/L)									
ALUMINUM	187,000	12.2	J	191,000	12.1	J	175,000	12.1	J
ANTIMONY	5.9	2.4	J	7.8	2.4	J	13.7	2.4	J
ARSENIC	ND	6.5	U	ND	4.9	U	83.0 αß	2.1	J
BARIUM	1,810	3.2	J	1,810	3.2	J	1,580	3.2	J
BERYLLIUM	15.6 r	0.070	J	12.7 r	0.069	J	14.1 r	0.070	J
CADMIUM	38.7 αßr	0.20	J	41.5 αßr	0.20	J	27.0 αßr	0.20	J
CALCIUM	89,500	74.5	J	58,000	74.0	J	83,900	74.3	J
CHROMIUM	570 ßr	1.3	J	594 ßr	1.3	J	482 ßr	1.3	J
COBALT	158	0.80	J	150	0.79	J	218	0.80	J
COPPER	9.6 α	1.1	J	27.3 αr	1.1	J	448 αr	1.1	J
IRON	602,000 r	243	J	577,000 r	241	J	657,000 r	242	J
LEAD	566 αßr	1.7	J	645 αßr	1.7	J	1,350 αßr	1.7	J
MAGNESIUM	174,000	68.7	J	181,000	68.2	J	146,000	68.5	J
MANGANESE	5,630	0.30	J	5,970	0.30	J	3,620	0.30	J
MERCURY	ND	0.080	UJ	ND	0.080	UJ	ND	0.080	UJ
MOLYBDENUM	ND	1.7	U	ND	1.7	U	ND	1.7	U
NICKEL	875 αßr	1.6	J	934 αßr	1.6	J	649 αßr	1.6	J
POTASSIUM	50,600	38.8	J	58,700	36.6	J	61,500	38.7	J
SILVER	ND	1.5	U	ND	1.5	U	ND	1.5	U
SODIUM	79,800	250	J	176,000	2,580	J	253,000	2,590	J
THALLIUM	ND	3.5	U	4.3	3.5	J	ND	3.5	U
VANADIUM	1,590	1.1	J	1,360	1.1	J	1,790	1.1	J
ZINC	4,430 αßr	8.0	J	5,780 αßr	7.9	J	3,890 αßr	8.0	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

r = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-2

Analytical Results for Sediment

Wood Hogger Site (Site 11)

Point ID	WHSSL001			WHSSL002			WHSSL003		
Sample ID	281WHSST001			281WHSST002			281WHSST003		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	08/08/95			08/08/95			08/08/95		
Sample Depth (in feet)	0.00 - 0.50			0.00 - 0.50			0.00 - 0.50		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
WET DI Metals (in µg/L)									
ALUMINUM	1,110	12.1	J	1,950	12.2	J	536	12.1	J
ANTIMONY	ND	2.4	U	ND	2.4	U	ND	2.4	U
ARSENIC	13.8	2.1	J	ND	4.8	U	ND	2.7	U
BARIUM	1,730	3.2	J	1,160	3.2	J	1,130	3.2	J
BERYLLIUM	ND	0.62	J	ND	0.56	U	ND	0.970	U
CADMIUM	3.1 r	0.20	J	0.44	0.20	J	ND	0.20	U
CALCIUM	12,700	74.2	J	14,200	74.5	J	7,730	74.2	J
CHROMIUM	4.0	1.3	J	4.2	1.3	J	3.4	1.3	J
COBALT	13.0	0.80	J	4.5	0.80	J	2.1	0.80	J
COPPER	47.0 αr	1.1	J	22.4 αr	1.1	J	17.4 αr	1.1	J
IRON	10,500 r	24.2	J	11,500 r	24.3	J	1,650 r	24.2	J
LEAD	16.7 αßr	1.7	J	20.2 αßr	1.7	J	7.4 r	1.7	J
MAGNESIUM	18,200	68.4	J	22,800	68.8	J	16,700	68.4	J
MANGANESE	323	0.30	J	441	0.30	J	137	0.30	J
MERCURY	ND	0.080	U	ND	0.080	U	ND	0.14	U
MOLYBDENUM	ND	1.7	U	1.8	1.7	J	10.4	1.7	J
NICKEL	34.3 αß	1.6	J	41.7 αß	1.6	J	8.1	1.6	J
POTASSIUM	18,190	38.7	J	25,500	38.9	J	23,000	38.7	J
SELENIUM	ND	3.0	U	ND	3.0	U	ND	3.0	U
SILVER	ND	1.5	U	ND	1.5	U	ND	1.5	U
SODIUM	66,700	259	J	133,000	2,600	J	231,000	2,590	J
THALLIUM	ND	0.50	U	ND	0.50	U	ND	0.50	U
VANADIUM	48.0	1.1	J	29.9	1.1	J	2.4	1.1	J
ZINC	1,350 αßr	0.80	J	823 αßr	0.80	J	832 αßr	0.80	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater chronic values (1995).

r = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC) freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW001			WHSSW101			WHSSW201			WHSSW301			WHSSW002			WHSSW102			WHSSW202			WHSSW302		
Sample ID	281WHSSW001			281WHSSW101			281WHSSW201			281WHSSW301			281WHSSW002			281WHSSW102			281WHSSW202			281WHSSW302		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/13/95			10/17/95			01/31/96			05/01/96			07/13/95			10/17/95			01/31/96			05/01/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in ug/L)																								
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2,2-TETRACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-BUTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-HEXANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYL-2-PENTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACETONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U
BROMOMETHANE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON DISULFIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ETHYLBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
METHYLENE CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
STYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TETRACHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
VINYL CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
XYLENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

& = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW001			WHSSW001			WHSSW001			WHSSW001			WHSSW002			WHSSW002			WHSSW002			WHSSW002		
Sample ID	281WESSW001			281WHSSW101			281WHSSW201			281WHSSW301			281WHSSW002			281WHSSW102			281WESSW202			281WHSSW302		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/13/95			10/17/95			01/31/96			05/01/96			07/13/95			10/17/95			01/31/96			05/01/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,3-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,4-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4,5-TRICHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DIMETHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DINITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2,4-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,6-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLORONAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLNAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
2-NITROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U
3-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROANILINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
4-NITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
ACENAPHTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACENAPHTHYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(B)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

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ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW001			WHSSW001			WHSSW001			WHSSW001			WHSSW002			WHSSW002			WHSSW002			WHSSW002		
Sample ID	281WHSSW001			281WHSSW101			281WHSSW201			281WHSSW301			281WHSSW002			281WHSSW102			281WHSSW202			281WHSSW302		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/13/95			10/17/95			01/31/96			05/01/96			07/13/95			10/17/95			01/31/96			05/01/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
BENZO(G,H,I)PERYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBAZOLE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHRYSENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZOFURAN	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIMETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBUTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ISOPHORONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NITROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PENTACHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U
PHENANTHRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
Pesticides/PCBs (in µg/L)																								
4,4'-DDD	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4,4'-DDT	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW001			WHSSW001			WHSSW301			WHSSW001			WHSSW002			WHSSW002			WHSSW002			WHSSW002		
Sample ID	281WHSSW001			281WHSSW101			281WHSSW201			281WHSSW301			281WHSSW002			281WHSSW102			281WHSSW202			281WHSSW302		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/13/95			10/17/95			01/31/96			05/01/96			07/13/95			10/17/95			01/31/96			05/01/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in ug/L)																								
ALDRIN	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ALPHA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ALPHA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
AROCLOR-1016	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1221	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1232	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1242	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1248	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1254	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
AROCLOR-1260	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
BETA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
DELTA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
DIELDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDOSULFAN I	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
ENDOSULFAN II	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDOSULFAN SULFATE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN ALDEHYDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
ENDRIN KETONE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
GAMMA-BHC (LINDANE)	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
GAMMA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
HEPTACHLOR	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U
HEPTACHLOR EPOXIDE	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U
METHOXYCHLOR	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U
TOXAPHENE	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Explosives (in ug/L)																								
1,3,5-TRINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,4,6-TRINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,4-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,6-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
3-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

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04/08/97

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW001			WHSSW001			WESSW001			WESSW001			WHSSW002			WHSSW002			WESSW002			WHSSW002		
Sample ID	281WHSSW001			281WHSSW101			281WHSSW201			281WHSSW301			281WHSSW002			281WHSSW102			281WHSSW202			281WHSSW302		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/13/95			10/17/95			01/31/96			05/01/96			07/13/95			10/17/95			01/31/96			05/01/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/L)																								
EMX	ND	0.1	U	ND	0.1	J	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ
NITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
RDX	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	NA		
TETRYL	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U			
Total Metals (in µg/L)																								
ALUMINUM	257	16.3	J	281	18.8	J	1,260	18.0	J	876	34.5	J	234	16.3	J	733	18.8	J	1,430	18.0	J	1,260	19.5	J
ANTIMONY	ND	2.1	UJ	ND	3.0	UJ	ND	1.6	U	ND	2.3	U	ND	2.4	UJ	ND	3.0	UJ	ND	1.6	UJ	ND	2.3	UJ
ARSENIC	ND	2.8	UJ	ND	2.8	UJ	2.5	1.4	J	ND	4.0	U	ND	3.1	UJ	ND	2.8	UJ	2.7	1.4	J	4.3	5.6	J
BARIUM	52.3	0.30	J	33.9	0.40	J	25.5	0.30	J	56.6	2.6	J	54.1	0.30	J	49.1	0.40	J	28.7	0.30	J	60.4	2.6	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.11	U	ND	0.20	U
CADMIUM	ND	0.20	UJ	ND	0.20	UJ	ND	0.20	U	ND	0.40	U	ND	0.20	UJ	ND	0.20	UJ	ND	0.20	UJ	0.44	0.40	J
CALCIUM	41,500	14.4	J	43,300	8.2	J	19,400	14.2	J	43,900	109	J	42,300	14.4	J	55,200	8.2	J	23,900	14.2	J	41,900	109	J
CHROMIUM	ND	1.8	UJ	0.63	0.50	J	3.9	0.40	J	2.4	1.4	J	ND	1.8	UJ	2.1	0.50	J	4.1	0.40	J	4.5	1.4	J
COBALT	ND	0.50	UJ	0.74	0.50	J	ND	0.87	U	ND	1.1	U	0.69	0.50	J	1.3	0.50	J	ND	0.75	UJ	ND	1.1	UJ
COPPER	ND	5.3	UJ	4.5 α	0.80	J	6.9 α	0.50	J	ND	3.5	U	ND	6.2	UJ	4.6 α	0.80	J	6.2 α	0.50	J	6.0 α	1.0	J
IRON	843	15.7	J	525	13.8	J	2,040 β	11.0	J	1,660 β	21.7	J	838	15.7	J	1,580 β	13.8	J	1,230 β	11.0	J	2,560 β	22.5	J
LEAD	ND	1.5	UJ	ND	1.9	UJ	1.3	0.80	J	ND	1.9	UJ	ND	1.5	UJ	ND	1.2	UJ	2.1	0.80	J	ND	1.1	UJ
MAGNESIUM	100,000	26.9	J	115,000	25.9	J	33,700	16.3	J	89,200	159	J	102,000	26.9	J	149,000	25.9	J	45,900	16.3	J	75,100	78.9	J
MANGANESE	224	0.60	J	47.8	0.30	J	54.3	0.10	J	289	0.70	J	219	0.60	J	161	0.30	J	30.7	0.10	J	222	0.70	J
MERCURY	ND	0.10	UJ	ND	0.10	UJ	ND	0.10	UJ	ND	0.20	UJ	ND	0.10	UJ	ND	0.10	UJ	ND	0.10	UJ	0.24 αβ	0.20	J
MOLYBDENUM	ND	0.90	UJ	ND	1.2	UJ	ND	0.87	U	ND	1.7	UJ	ND	0.90	UJ	1.4	1.2	J	ND	0.75	U	ND	2.4	UJ
NICKEL	ND	3.3	UJ	3.0	1.3	J	5.7	0.70	J	ND	4.0	U	ND	3.3	UJ	4.8	1.3	J	5.9	0.70	J	5.1	1.7	J
POTASSIUM	30,400	543	J	33,400	484	J	10,700	599	J	12,600	947	J	11,100	542	J	42,100	484	J	15,000	599	J	29,900	98.2	J
SELENIUM	ND	3.4	UJ	ND	3.9	UJ	ND	2.3	UJ	ND	3.5	UJ	ND	3.4	UJ	ND	3.9	UJ	ND	2.3	UJ	ND	3.5	UJ
SILVER	ND	0.60	UJ	ND	0.70	UJ	ND	0.50	UJ	ND	1.3	UJ	ND	0.60	UJ	ND	0.70	UJ	ND	0.50	UJ	ND	1.2	UJ
SODIUM	867,000	128	J	891,000	124	J	252,000	25.7	J	676,000	1,090	J	826,000	126	J	1,170,000	124	J	252,000	25.7	J	608,000	2,100	J
THALLIUM	ND	2.0	UJ	ND	1.9	UJ	ND	1.9	UJ	ND	4.7	UJ	ND	2.0	UJ	ND	1.9	UJ	ND	1.9	UJ	ND	3.6	UJ
VANADIUM	ND	2.4	UJ	5.3	0.80	J	6.5	0.40	J	7.2	1.3	J	ND	3.0	UJ	5.2	0.80	J	5.8	0.40	J	9.8	1.3	J
ZINC	93.9	0.30	J	ND	26.3	UJ	ND	15.1	UJ	ND	8.7	UJ	ND	49.3	UJ	ND	29.2	UJ	11.5	1.0	J	14.5	1.2	J
Anions, Solids, Sulfides, and TOC (in mg/L)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	5.4	0.50	J	2.5	0.50	J	6.7	0.50	J	3.5	0.50	J	4.3	0.50	J	4.7	0.50	J	7.4	0.50	J	8.2	0.50	J
TOTAL SUSPENDED SOLIDS	13.0	10.0	J	37.0	10.0	J	24.0	10.0	J	21.2	1.0	J	ND	10.0	UJ	39.6	10.0	J	17.0	10.0	J	25.3	1.2	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value. NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW003			WHSSW003			WHSSW003			WHSSW003			WHSSW004			WHSSW004			WHSSW004			WHSSW004		
Sample ID	281WHSSW003			281WHSSW103			281WHSSW203			281WHSSW303			281WHSSW005			281WHSSW104			281WHSSW104A			281WHSSW205		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/13/95			10/17/95			01/31/96			05/01/96			07/13/95			10/17/95			10/26/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (ug/L)																								
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,1,2,2-TETRACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,1,2-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,1-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,1-DICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,2-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2-BUTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2-HEXANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
4-METHYL-2-PENTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
ACETONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BROMOFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BROMOMETHANE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CARBON DISULFIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CHLOROFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
ETHYLBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
METHYLENE CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
STYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
TETRACHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
TOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
TRICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	J
VINYL CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	J
XYLENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit. Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW003			WHSSW003			WHSSW003			WHSSW003			WHSSW004			WHSSW004			WHSSW004			WHSSW004		
Sample ID	281WHSSW003			281WHSSW103			281WHSSW203			281WHSSW303			281WHSSW005			281WHSSW104			281WHSSW104A			281WHSSW205		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/13/95			10/17/95			01/31/96			05/01/96			07/13/95			10/17/95			10/26/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
1,2-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	NA			ND	5	U
1,3-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	NA			ND	5	U
1,4-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U	NA			ND	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2,4,5-TRICHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2,4-DICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2,4-DIMETHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2,4-DINITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U
2,4-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2,6-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2-CHLORONAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2-CHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2-METHYLNAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
2-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA					
2-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U
2-NITROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
3-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U
4,6-DINITRO-2-METHYLPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
4-CHLOROANILINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
4-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
4-NITROANILINE	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U
4-NITROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U
ACENAPHTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
ACENAPHTHYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BENZO(A)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BENZO(A)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BENZO(B)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U

Notes: Detected concentrations are shaded.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW003			WESSW003			WHSSW003			WHSSW003			WHSSW004			WHSSW004			WHSSW004			WHSSW004		
Sample ID	281WESSW005			281WHSSW103			281WHSSW203			281WHSSW303			281WHSSW005			281WHSSW104			281WESSW104A			281WHSSW205		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/13/95			10/17/95			01/31/96			05/01/96			07/13/95			10/17/95			10/26/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
BENZO(G,H,I)PERYLENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	U	ND	4	U	ND	5	U	ND	4	U	ND	13	U	ND	4	U	NA			ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CARBAZOLE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
CHRYSENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
DIBENZOFURAN	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
DIETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
DIMETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
FLUORENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
HEXACHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
HEXACHLOROBUTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	UJ	ND	10	U	NA			ND	10	U
HEXACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
ISOPHORONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
NAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
NITROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
PENTACHLOROPHENOL	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	ND	25	U	NA			ND	25	U
PHENANTHRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
PHENOL	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	NA			ND	10	U
Pesticides/PCBs (in µg/L)																								
4,4'-DDD	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
4,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
4,4'-DDT	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW003			WHSSW002			WHSSW003			WHSSW003			WHSSW004			WHSSW004			WHSSW004			WHSSW004		
Sample ID	281WHSSW003			281WHSSW103			281WHSSW203			281WHSSW303			281WESSW005			281WHSSW104			281WHSSW104A			281WHSSW205		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/13/95			10/17/95			01/31/96			05/01/96			07/13/95			10/17/95			10/26/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/L)																								
ALDRIN	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
ALPHA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
ALPHA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
AROCLOR-1016	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1221	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1232	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1242	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1248	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1254	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
AROCLOR-1260	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
BETA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
DELTA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
DIELDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
ENDOSULFAN I	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
ENDOSULFAN II	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
ENDOSULFAN SULFATE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
ENDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
ENDRIN ALDEHYDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
ENDRIN KETONE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.05	U
GAMMA-BHC (LINDANE)	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
GAMMA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	NA			ND	0.05	U
HEPTACHLOR	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.01	U	ND	0.01	U	NA			ND	0.01	U
HEPTACHLOR EPOXIDE	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.5	U	ND	0.5	U	NA			ND	0.5	U
METHOXYCHLOR	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	3	U	ND	3	U	NA			ND	3	U
TOXAPHENE	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
Explosives (in µg/L)																								
1,3,5-TRINITROBENZENE	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
2,4,6-TRINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	J	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
2,4-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
2,6-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
2-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
3-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
4-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW003			WHSSW003			WHSSW003			WHSSW003			WHSSW004			WHSSW004			WHSSW004			WHSSW004		
Sample ID	281WHSSW003			281WHSSW103			281WHSSW203			281WHSSW303			281WHSSW005			281WHSSW104			281WHSSW104A			281WHSSW205		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	07/13/95			10/17/95			01/31/96			05/01/96			07/13/95			10/17/95			10/26/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/L)																								
HMX	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
NITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
RDX	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	NA			ND	0.1	U
TETRYL	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	NA			ND	0.1	U	ND	0.1	UJ	NA			ND	0.1	U
Total Metals (in µg/L)																								
ALUMINUM	167	16.3	J	677	18.8	J	818	18.0	J	886	15.5	J	187	16.3	J	1,510	18.8	J	NA			1,180	19.1	J
ANTIMONY	ND	2.1	U	ND	3.0	U	ND	1.6	U	ND	2.3	U	ND	2.1	U	ND	3.0	U	NA			ND	1.6	U
ARSENIC	ND	2.8	U	ND	2.8	U	2.1	1.4	J	4.4	3.5	J	ND	3.6	U	ND	2.8	U	NA			2.6	1.4	J
BARIUM	46.7	0.30	J	58.2	0.40	J	33.2	0.30	J	77.1	2.5	J	64.0	0.30	J	64.5	0.40	J	NA			43.9	0.30	J
BERYLLIUM	ND	0.10	U	ND	0.10	U	ND	0.11	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	NA			ND	0.10	U
CADMIUM	ND	0.20	U	ND	0.20	U	ND	0.20	U	0.52	0.40	J	ND	0.20	U	ND	0.20	U	NA			ND	0.20	U
CALCIUM	40,000	14.4	J	58,200	8.2	J	30,400	14.2	J	40,700	109	J	48,100	14.4	J	57,600	8.2	J	NA			36,300	14.2	J
CHROMIUM	ND	1.8	U	1.6	0.50	J	ND	2.4	U	3.4	1.4	J	ND	1.8	U	3.8	0.50	J	NA			3.9	0.40	J
COBALT	ND	0.50	U	0.97	0.50	J	ND	0.71	U	ND	1.1	U	0.82	0.50	J	1.4	0.50	J	NA			ND	1.4	U
COPPER	ND	5.8	U	5.3 α	0.80	J	5.3 α	0.50	J	4.2 α	1.0	J	ND	6.2	U	7.7 α	0.80	J	NA			7.3 α	0.50	J
IRON	396	15.7	J	1,620 ß	13.8	J	1,470 ß	11.0	J	2,000 ß	21.5	J	788	15.7	J	3,240 ß	13.8	J	NA			2,460 ß	11.0	J
LEAD	ND	1.5	U	ND	1.3	U	1.4	0.80	J	ND	1.1	U	ND	1.5	U	ND	2.5	U	NA			ND	1.7	U
MAGNESIUM	95,500	26.9	J	150,000	25.9	J	61,600	16.3	J	70,900	78.9	J	113,000	26.9	J	154,000	25.9	J	NA			67,100	26.1	J
MANGANESE	44.6	0.60	J	223	0.30	J	82.3	0.10	J	256	0.70	J	315	0.60	J	278	0.30	J	NA			147	0.10	J
MERCURY	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	NA			ND	0.10	U
MOLYBDENUM	ND	0.92	U	1.9	1.2	J	ND	0.83	U	ND	1.9	U	ND	1.2	U	1.3	1.2	J	NA			ND	1.3	U
NICKEL	ND	3.3	U	4.5	1.3	J	4.7	0.70	J	5.5	1.7	J	ND	3.3	U	7.6	1.3	J	NA			6.1	0.70	J
POTASSIUM	10,600	543	J	43,700	484	J	10,000	599	J	28,300	98.2	J	34,900	543	J	45,000	484	J	NA			19,500	599	J
SELENIUM	ND	3.4	U	ND	3.9	U	ND	2.3	U	ND	3.5	U	ND	3.4	U	ND	3.9	U	NA			ND	2.3	U
SILVER	ND	0.60	U	ND	0.70	U	ND	0.50	U	ND	1.2	U	ND	0.60	U	ND	0.70	U	NA			ND	0.50	U
SODIUM	807,000	128	J	1,150,000	124	J	504,000	25.7	J	587,000	2,100	J	810,000	126	J	1,240,000	124	J	NA			495,000	25.7	J
THALLIUM	ND	2.0	U	2.4	1.9	J	ND	1.9	U	ND	3.6	U	ND	2.0	U	2.4	1.9	J	NA			ND	1.9	U
VANADIUM	ND	4.1	U	5.2	0.80	J	5.3	0.40	J	9.1	1.3	J	ND	3.4	U	9.7	0.80	J	NA			7.2	0.40	J
ZINC	ND	40.4	U	ND	38.1	U	ND	14.9	U	12.7	1.2	J	67.7	0.30	J	ND	74.2	U	NA			32.3	1.0	J
Anions, Solids, Sulfides, and TOC (in mg/L)																								
SULFIDE	NA			NA			NA			NA			NA			NA			ND	0.10	U	NA		
TOTAL ORGANIC CARBON	4.7	0.50	J	5.5	0.50	J	5.0	0.50	J	11.2	0.50	J	7.1	0.50	J	6.6	0.50	J	NA			11.5	0.50	J
TOTAL SUSPENDED SOLIDS	20.0	10.0	J	30.0	10.0	J	15.0	10.0	J	36.8	1.2	J	14.0	10.0	J	30.0	10.0	J	NA			28.0	10.0	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

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Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW004			WHSSW005			WHSSW005			WHSSW005			WHSSW005			WHSSW006			WHSSW005			WHSSW006		
Sample ID	281WHSSW305			281WHSSW006			281WHSSW105			281WHSSW206			281WHSSW306			281WHSSW008			281WHSSW106			281WHSSW207		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	05/01/96			07/13/95			10/17/95			01/30/96			05/01/96			07/13/95			10/17/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Volatiles (in µg/L)																								
1,1,1-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2,2-TETRACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1,2-TRICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,1-DICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROETHENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROPROPANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-BUTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-HEXANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYL-2-PENTANONE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACETONE	ND	10	U	ND	10	U	ND	10	U	ND	10	J	ND	14	U	ND	10	U	ND	10	U	ND	10	U
BENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMODICHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BROMOMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON DISULFIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBON TETRACHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROFORM	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ETHYLBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
METHYLENE CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
STYRENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TETRACHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
TRICHLOROETHENE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
VINYL CHLORIDE	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
XYLENE (TOTAL)	ND	10	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U	[illegible]	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW004			WHSSW005			WHSSW005			WHSSW005			WHSSW005			WHSSW006			WHSSW006			WHSSW006		
Sample ID	281WHSSW305			281WHSSW006			281WHSSW105			281WHSSW206			281WHSSW306			281WHSSW906			281WHSSW105			281WHSSW207		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	05/01/96			07/13/95			10/17/95			01/30/96			05/01/96			07/13/95			10/17/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
1,2,4-TRICHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
1,2-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	25	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,3-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	25	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
1,4-DICHLOROBENZENE	ND	5	U	ND	5	U	ND	5	U	ND	25	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4,5-TRICHLOROPHENOL	ND	26	U	ND	25	U	ND	25	U	ND	120	U	ND	26	U	ND	25	U	ND	25	U	ND	25	U
2,4,6-TRICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DICHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DIMETHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,4-DINITROPHENOL	ND	26	U	ND	25	U	ND	25	U	ND	120	U	ND	26	U	ND	25	U	ND	25	U	ND	25	U
2,4-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2,6-DINITROTOLUENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLORONAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-CHLOROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLNAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
2-NITROANILINE	ND	26	U	ND	25	U	ND	25	U	ND	120	U	ND	26	U	ND	25	U	ND	25	U	ND	25	U
2-NITROPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
3,3'-DICHLOROBENZIDINE	ND	10	U	ND	10	U	ND	10	U	ND	50	UJ	ND	10	U	ND	10	U	ND	10	U	ND	10	U
3-NITROANILINE	ND	26	U	ND	25	U	ND	25	U	ND	120	U	ND	26	U	ND	25	U	ND	25	U	ND	25	U
4,6-DINITRO-2-METHYLPHENOL	ND	26	U	ND	25	U	ND	25	U	ND	120	U	ND	26	U	ND	25	U	ND	25	U	ND	25	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLORO-3-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROANILINE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-CHLOROPHENYL-PHENYLETHER	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-METHYLPHENOL	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
4-NITROANILINE	ND	26	U	ND	25	U	ND	25	U	ND	120	U	ND	26	U	ND	25	U	ND	25	U	ND	25	U
4-NITROPHENOL	ND	26	U	ND	25	U	ND	25	U	ND	120	U	ND	26	U	ND	25	U	ND	25	U	ND	25	U
ACENAPHTHENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ACENAPHTHYLENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(A)PYRENE	ND	10	U	ND	10	U	ND	10	UJ	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(B)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	UJ	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW004			WESSW005			WESSW005			WHSSW005			WHSSW005			WHSSW006			WHSSW006			WHSSW006		
Sample ID	281WHSSW305			281WESSW005			281WHSSW105			281WHSSW206			281WHSSW306			281WHSSW008			281WHSSW106			281WHSSW207		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	05/01/96			07/13/95			10/17/95			01/30/96			05/01/96			07/13/95			10/17/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
BENZO(G,H,I)PERYLENE	ND	10	U	ND	10	U	ND	10	UJ	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U	ND	10	U	ND	10	UJ	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLOROETHOXY)METHANE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-CHLORCETHYL)ETHER	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	U	ND	4	U	ND	7	U	ND	20	U	ND	4	U	ND	4	U	ND	4	U	ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CARBAZOLE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
CHRYSENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	UJ	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U	ND	10	U	ND	10	UJ	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIBENZOFURAN	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
DIMETHYLPHTHALATE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORANTHENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
FLUORENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROBUTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
HEXACHLOROETHANE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U	ND	10	U	ND	10	UJ	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
ISOPHORONE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NAPHTHALENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
NITROBENZENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PENTACHLOROPHENOL	ND	26	U	ND	25	U	ND	25	U	ND	120	U	ND	26	U	ND	25	U	ND	25	U	ND	25	U
PHENANTHRENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PHENOL	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
PYRENE	ND	10	U	ND	10	U	ND	10	U	ND	50	U	ND	10	U	ND	10	U	ND	10	U	ND	10	U
Pesticides/PCBs (in µg/L)																								
4,4'-DDD	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
4,4'-DDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
4,4'-DDT	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

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Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW004			WHSSW005			WHSSW005			WHSSW005			WHSSW005			WHSSW006			WHSSW006			WHSSW006		
Sample ID	281WHSSW305			281WHSSW006			281WHSSW105			281WHSSW206			281WHSSW306			281WHSSW008			281WHSSW106			281WHSSW207		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	05/01/96			07/13/95			10/17/95			01/30/96			05/01/96			07/13/95			10/17/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in ug/L)																								
ALDRIN	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ
ALPHA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ
ALPHA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ
AROCLOR-1016	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ
AROCLOR-1221	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ
AROCLOR-1232	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ
AROCLOR-1242	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ
AROCLOR-1246	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ
AROCLOR-1254	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ
AROCLOR-1260	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ
BETA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ
DELTA-BHC	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ
DIELDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
ENDOSULFAN I	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ
ENDOSULFAN II	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
ENDOSULFAN SULFATE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
ENDRIN	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
ENDRIN ALDEHYDE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
ENDRIN KETONE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ
GAMMA-BHC (LINDANE)	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ
GAMMA-CHLORDANE	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ
HEPTACHLOR	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	U	ND	0.05	UJ
HEPTACHLOR EPOXIDE	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	U	ND	0.01	UJ
METHOXYCHLOR	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	U	ND	0.5	UJ
TOXAPHENE	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	UJ
Explosives (in ug/L)																								
1,3,5-TRINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,4,6-TRINITROTOLUENE	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U	ND	0.1	U
2,4-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2,6-DINITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
2-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
3-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
4-NITROTOLUENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

04/08/97

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW004			WHSSW008			WHSSW005			WHSSW005			WHSSW005			WESSW006			WHSSW006			WESSW006		
Sample ID	281WHSSW305			281WHSSW006			281WHSSW105			281WHSSW206			281WHSSW306			281WESSW008			281WHSSW106			281WHSSW207		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	05/01/96			07/13/95			10/17/95			01/30/96			05/01/95			07/13/95			10/17/95			01/30/96		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Explosives (in µg/L)																								
HMX	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	U	ND	0.1	U
NITROBENZENE	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U	ND	0.1	U
RDX	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	U	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	UJ	ND	0.1	U
TETRYL	NA			ND	0.1	U	ND	0.1	UJ	ND	0.1	U	NA			NA			ND	0.1	UJ	ND	0.1	U
Total Metals (in µg/L)																								
ALUMINUM	2,100	19.5	J	ND	141	U	ND	123	U	286	19.1	J	748	19.5	J	ND	128	U	428	18.8	J	166	19.1	J
ANTIMONY	ND	2.3	UJ	ND	2.1	U	3.6	3.0	J	ND	1.6	UJ	2.6	2.3	J	ND	2.4	U	ND	3.0	UJ	ND	1.6	UJ
ARSENIC	ND	3.5	U	ND	6.7	U	ND	2.8	UJ	2.4	1.4	J	ND	3.6	UJ	ND	5.4	U	ND	2.8	UJ	2.4	1.4	J
BARIUM	64.2	2.6	J	34.5	0.30	J	373	0.40	J	36.5	0.30	J	106	2.6	J	85.2	0.30	J	110	0.40	J	130	0.30	J
BERYLLIUM	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.10	U
CADMIUM	0.52	0.40	J	ND	1.4	U	ND	0.31	U	ND	0.63	U	2.5 ß	0.40	J	ND	0.20	U	ND	0.20	U	ND	0.20	U
CALCIUM	44,700	109	J	56,400	14.4	J	87,700	8.2	J	40,300	14.2	J	30,600	109	J	47,100	14.4	J	76,300	8.2	J	108,000	14.2	J
CHROMIUM	6.1	1.4	J	ND	1.8	U	ND	0.50	U	ND	1.2	U	1.9	1.4	J	ND	1.8	U	1.1	0.50	J	ND	0.61	U
COBALT	1.2	1.1	J	1.0	0.50	J	0.59	0.50	J	ND	0.72	U	ND	1.1	U	0.52	0.50	J	0.76	0.50	J	0.56	0.40	J
COPPER	5.3 α	1.0	J	11.6 α	0.80	J	5.7 α	0.80	J	11.6 α	0.50	J	13.7 αß	1.0	J	9.5 α	0.80	J	5.1 α	0.80	J	ND	3.0	UJ
IRON	1,300 ß	21.5	J	1,500 ß	15.7	J	537	13.8	J	720	11.0	J	21,500 ß	21.5	J	782	15.7	J	693	13.8	J	583	11.0	J
LEAD	ND	1.1	UJ	2.8	1.5	J	ND	2.0	U	ND	2.1	U	3.7 ß	1.1	J	ND	1.5	U	ND	2.0	U	ND	0.80	UJ
MAGNESIUM	32,100	78.9	J	100,000	26.9	J	266,000	25.9	J	50,100	26.1	J	129,000	78.9	J	80,200	26.9	J	179,000	25.9	J	155,000	131	J
MANGANESE	157	0.70	J	311	0.60	J	122	0.30	J	144	0.10	J	170	0.70	J	330	0.60	J	107	0.30	J	469	0.10	J
MERCURY	ND	0.20	U	ND	0.10	U	ND	0.10	U	ND	0.10	U	0.29 αß	0.20	J	ND	0.10	U	ND	0.10	U	ND	0.10	U
MOLYBDENUM	ND	1.9	U	ND	1.8	U	3.6	1.2	J	ND	3.2	U	7.3	1.1	J	ND	1.1	U	1.8	1.2	J	ND	1.7	U
NICKEL	7.1	1.7	J	ND	3.3	U	4.9	1.3	J	3.2	0.70	J	5.9	1.7	J	ND	3.3	U	3.6	1.3	J	4.6	0.70	J
POTASSIUM	34,600	98.2	J	31,600	543	J	23,300	484	J	15,100	599	J	58,100	98.2	J	23,400	543	J	52,900	484	J	29,300	3,000	J
SELENIUM	ND	3.5	U	ND	3.4	U	ND	3.9	U	ND	2.3	U	ND	3.5	U	ND	3.4	U	ND	3.9	U	ND	2.3	U
SILVER	ND	1.2	U	ND	0.60	U	ND	0.70	U	ND	0.50	U	ND	1.2	U	ND	0.60	U	ND	0.70	U	ND	0.50	U
SODIUM	715,000	2,100	J	834,000	126	J	2,200,000	124	J	415,000	25.7	J	1,250,000	2,100	J	654,000	128	J	1,670,000	124	J	989,000	129	J
THALLIUM	ND	3.6	U	ND	2.0	U	ND	1.9	U	ND	1.9	U	ND	3.6	U	ND	2.0	U	ND	1.9	U	ND	1.9	U
VANADIUM	12.3	1.3	J	ND	2.8	U	ND	1.9	U	ND	2.1	U	5.1	1.3	J	ND	3.9	U	ND	2.9	U	ND	1.7	U
ZINC	28.8	1.2	J	129 αß	0.30	J	160 αß	1.2	J	116 αß	1.0	J	318 αß	1.2	J	69.8	0.30	J	ND	51.1	U	ND	6.7	U
Anions, Solids, Sulfides, and TOC (in mg/L)																								
SULFIDE	NA			NA			NA			NA			NA			NA			NA			NA		
TOTAL ORGANIC CARBON	2.4	0.50	J	17.6	0.50	J	23.6	0.50	J	14.6	0.50	J	6.5	0.50	J	13.1	0.50	J	9.5	0.50	J	14.2	0.50	J
TOTAL SUSPENDED SOLIDS	53.7	1.4	J	9.6	10.0	J	139	10.0	J	ND	10.0	U	51.4	1.0	J	9.0	10.0	J	33.9	10.0	J	24.9	10.0	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW006		
Sample ID	281WHSSW307		
Matrix	SWATER		
Sample Date	05/01/96		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Volatiles (in µg/L)			
1,1,1-TRICHLOROETHANE	ND	10	U
1,1,2,2-TETRACHLOROETHANE	ND	10	U
1,1,2-TRICHLOROETHANE	ND	10	U
1,1-DICHLOROETHANE	ND	10	U
1,1-DICHLOROETHENE	ND	10	U
1,2-DICHLOROETHANE	ND	10	U
1,2-DICHLOROETHENE (TOTAL)	ND	10	U
1,2-DICHLOROPROPANE	ND	10	U
2-BUTANONE	ND	10	U
2-HEXANONE	ND	10	U
4-METHYL-2-PENTANONE	ND	10	U
ACETONE	ND	12	U
BENZENE	ND	10	U
BROMODICHLOROMETHANE	ND	10	U
BROMOFORM	ND	10	U
BROMOMETHANE	ND	10	U
CARBON DISULFIDE	ND	10	U
CARBON TETRACHLORIDE	ND	10	U
CHLOROBENZENE	ND	10	U
CHLOROETHANE	ND	10	U
CHLOROFORM	ND	10	U
CHLOROMETHANE	ND	10	U
CIS-1,3-DICHLOROPROPENE	ND	10	U
DIBROMOCHLOROMETHANE	ND	10	U
ETHYLBENZENE	ND	10	U
METHYLENE CHLORIDE	ND	10	U
STYRENE	ND	10	U
TETRACHLOROETHENE	ND	10	U
TOLUENE	ND	10	U
TRANS-1,3-DICHLOROPROPENE	ND	10	U
TRICHLOROETHENE	ND	10	U
VINYL CHLORIDE	ND	10	U
XYLENE (TOTAL)	ND	10	U

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Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW006		
Sample ID	281WHSSW307		
Matrix	SWATER		
Sample Date	05/01/96		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/L)			
1,2,4-TRICHLOROBENZENE	ND	10	U
1,2-DICHLOROBENZENE	ND	5	U
1,3-DICHLOROBENZENE	ND	5	U
1,4-DICHLOROBENZENE	ND	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	10	U
2,4,5-TRICHLOROPHENOL	ND	25	U
2,4,6-TRICHLOROPHENOL	ND	10	U
2,4-DICHLOROPHENOL	ND	10	U
2,4-DIMETHYLPHENOL	ND	10	U
2,4-DINITROPHENOL	ND	25	U
2,4-DINITROTOLUENE	ND	10	U
2,6-DINITROTOLUENE	ND	10	U
2-CHLORONAPHTHALENE	ND	10	U
2-CHLOROPHENOL	ND	10	U
2-METHYLNAPHTHALENE	ND	10	U
2-METHYLPHENOL	ND	10	U
2-NITROANILINE	ND	25	U
2-NITROPHENOL	ND	10	U
3,3'-DICHLOROBENZIDINE	ND	10	U
3-NITROANILINE	ND	25	U
4,6-DINITRO-2-METHYLPHENOL	ND	25	U
4-BROMOPHENYL-PHENYLETHER	ND	10	U
4-CHLORO-3-METEYLPHENOL	ND	10	U
4-CHLOROANILINE	ND	10	U
4-CHLOROPHENYL-PHENYLETHER	ND	10	U
4-METHYLPHENOL	ND	10	U
4-NITROANILINE	ND	25	U
4-NITROPHENOL	ND	25	U
ACENAPHTHENE	ND	10	U
ACENAPHTHYLENE	ND	10	U
ANTHRACENE	ND	10	U
BENZO(A)ANTHRACENE	ND	10	U
BENZO(A)PYRENE	ND	10	U
BENZO(B)FLUORANTHENE	ND	10	U

Notes: Detected concentrations are shaded.

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ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW006		
Sample ID	281WESSW307		
Matrix	SWATER		
Sample Date	05/01/96		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/L)			
BENZO(G,H,I)PERYLENE	ND	10	U
BENZO(K)FLUORANTHENE	ND	10	U
BIS(2-CHLOROETHOXY)METHANE	ND	10	U
BIS(2-CHLOROETHYL)ETHER	ND	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	ND	4	U
BUTYLBENZYLPHTHALATE	ND	10	U
CARBAZOLE	ND	10	U
CHRYSENE	ND	10	U
DI-N-BUTYLPHTHALATE	ND	10	U
DI-N-OCTYLPHTHALATE	ND	10	U
DIBENZ(A,H)ANTHRACENE	ND	10	U
DIBENZOFURAN	ND	10	U
DIETHYLPHTHALATE	ND	10	U
DIMETHYLPHTHALATE	ND	10	U
FLUORANTHENE	ND	10	U
FLUORENE	ND	10	U
HEXACHLOROBENZENE	ND	10	U
HEXACHLOROBUTADIENE	ND	10	U
HEXACHLOROCYCLOPENTADIENE	ND	10	U
HEXACHLOROETHANE	ND	10	U
INDENO(1,2,3-CD)PYRENE	ND	10	U
ISOPHORONE	ND	10	U
N-NITROSO-DI-N-PROPYLAMINE	ND	10	U
N-NITROSODIPHENYLAMINE (1)	ND	10	U
NAPHTHALENE	ND	10	U
NITROBENZENE	ND	10	U
PENTACHLOROPHENOL	ND	25	U
PHENANTHRENE	ND	10	U
PHENOL	ND	10	U
PYRENE	ND	10	U
Pesticides/PCBs (in µg/L)			
4,4'-DDD	ND	0.1	U
4,4'-DDE	ND	0.1	U
4,4'-DDT	ND	0.1	U

Notes: Detected concentrations are shaded.

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Table includes data from CTOs 281, 283, & 333

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW006		
Sample ID	281WHSSW307		
Matrix	SWATER		
Sample Date	05/01/96		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Pesticides/PCBs (in µg/L)			
ALDRIN	ND	0.05	U
ALPHA-BHC	ND	0.05	U
ALPHA-CHLORDANE	ND	0.05	U
AROCLOR-1016	ND	0.5	U
AROCLOR-1221	ND	0.5	U
AROCLOR-1232	ND	0.5	U
AROCLOR-1242	ND	0.5	U
AROCLOR-1248	ND	0.5	U
AROCLOR-1254	ND	0.5	U
AROCLOR-1260	ND	0.5	U
BETA-BHC	ND	0.05	U
DELTA-BHC	ND	0.05	U
DIELDRIN	ND	0.1	U
ENDOSULFAN I	ND	0.05	U
ENDOSULFAN II	ND	0.1	U
ENDOSULFAN SULFATE	ND	0.1	U
ENDRIN	ND	0.1	U
ENDRIN ALDEHYDE	ND	0.1	U
ENDRIN KETONE	ND	0.1	U
GAMMA-BHC (LINDANE)	ND	0.05	U
GAMMA-CHLORDANE	ND	0.05	U
HEPTACHLOR	ND	0.05	U
HEPTACHLOR EPOXIDE	ND	0.01	U
METHOXYCHLOR	ND	0.5	U
TOXAPHENE	ND	3	U
Explosives (in µg/L)			
1,3,5-TRINITROBENZENE	ND	0.1	U
1,3-DINITROBENZENE	ND	0.1	U
2,4,6-TRINITROTOLUENE	ND	0.1	UJ
2,4-DINITROTOLUENE	ND	0.1	U
2,6-DINITROTOLUENE	ND	0.1	U
2-NITROTOLUENE	ND	0.1	U
3-NITROTOLUENE	ND	0.1	U
4-NITROTOLUENE	ND	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 281, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-3

Analytical Results for Surface Water

Wood Hogger Site (Site 11)

Point ID	WHSSW006		
Sample ID	261WHSSW307		
Matrix	SWATER		
Sample Date	05/01/96		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Explosives (in µg/L)			
HMX	ND	0.1	UJ
NITROBENZENE	ND	0.1	U
RDX	ND	0.1	UJ
TETRYL	NA		
Total Metals (in µg/L)			
ALUMINUM	332	19.5	J
ANTIMONY	ND	2.3	U
ARSENIC	11.8	3.6	J
BARIUM	119	2.5	J
BERYLLIUM	ND	0.20	U
CADMIUM	0.54	0.40	J
CALCIUM	51,500	109	J
CHROMIUM	1.8	1.4	J
COBALT	ND	1.1	U
COPPER	3.0 α	1.0	J
IRON	5,530 &β	21.5	J
LEAD	ND	1.1	U
MAGNESIUM	75,200	78.9	J
MANGANESE	1,950	0.70	J
MERCURY	ND	0.20	U
MOLYBDENUM	ND	3.7	U
NICKEL	6.2	1.7	J
POTASSIUM	34,700	98.2	J
SELENIUM	ND	3.5	U
SILVER	ND	1.2	U
SODIUM	640,000	2,100	J
THALLIUM	ND	3.6	U
VANADIUM	10.4	1.3	J
ZINC	24.3	1.2	J
Anions, Solids, Sulfides, and TOC (in mg/L)			
SULFIDE	NA		
TOTAL ORGANIC CARBON	11.1	1.0	J
TOTAL SUSPENDED SOLIDS	38.5	2.5	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

α = Detected concentrations greater than the U.S. EPA National Ambient Water Quality Criteria (AWQC), saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

& = Detected concentrations greater than the lesser of the U.S. EPA National Ambient Water Quality Criteria (AWQC) saltwater and freshwater chronic values (1995).

Table includes data from CTOs 261, 283, & 033

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-4

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB007			WHSSB008			WHSSB009			WHSSB010			WHSSB016			WHSSB017			WHSSB018			WHSSB019		
Sample ID	033WHSSS502Z			033WHSSS505			033WHSSS508			033WHSSS507			033WHSSS506			033WHSSS503Z			033WHSSS501Z			033WHSSS504		
Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
Sample Date	06/10/98			06/10/98			06/10/98			06/10/98			06/10/98			06/10/98			06/10/98			06/10/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Dioxin (in ng/kg)																								
1,2,3,4,6,7,8,9-OCDD	2	2	U	2	2	J	100	3	J	1	1	U	140	3	J	2	2	J	4	0.9	J	50	2	J
1,2,3,4,6,7,8,9-OCDF	1	1	U	1	1	U	3	2	J(EM)	0.7	0.7	U	13	2	J	1	1	U	0.8	0.6	U	1	1	U
1,2,3,4,6,7,8-HPCDD	2	2	U	2	2	U	8	2	J	1	1	U	16	3	J	1	1	U	0.8	0.8	U	1	1	U
1,2,3,4,6,7,8-HPCDF	0.5	0.5	U	0.6	0.6	U	2	1	J	0.3	0.3	U	3	1	J	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U
1,2,3,4,7,8,9-HPCDF	0.6	0.6	U	0.8	0.8	U	1	1	U	0.4	0.4	U	2	2	U	0.6	0.6	U	0.4	0.4	U	0.6	0.6	U
1,2,3,4,7,8-HXCDD	1	1	U	1	1	U	1	1	U	0.8	0.8	U	2	2	U	0.8	0.8	U	0.5	0.5	UJ	0.6	0.6	U
1,2,3,4,7,8-HXCDF	0.3	0.3	U	0.3	0.3	U	0.6	1	U	0.2	0.2	U	0.7	0.7	U	0.3	0.3	U	0.2	0.2	U	0.3	0.3	U
1,2,3,6,7,8-HXCDD	1	1	U	1	1	U	1	1	U	0.8	0.8	U	2	2	U	0.8	0.8	U	0.5	0.5	U	0.6	0.6	U
1,2,3,6,7,8-HXCDF	0.3	0.3	U	0.3	0.3	U	0.6	0.6	U	0.2	0.2	U	0.6	0.6	U	0.2	0.2	U	0.2	0.2	U	0.3	0.3	U
1,2,3,7,8,9-HXCDD	1	1	U	1	1	U	1	1	U	0.8	0.8	U	2	2	U	0.8	0.8	U	0.5	0.5	UJ	0.6	0.6	U
1,2,3,7,8,9-HXCDF	0.4	0.4	U	0.4	0.4	U	0.7	0.7	U	0.2	0.2	U	0.8	0.8	U	0.3	0.3	U	0.2	0.2	UJ	0.3	0.3	U
1,2,3,7,8-PECDD	0.5	0.5	U	0.5	0.5	U	1	1	U	0.2	0.2	U	0.9	0.9	U	0.4	0.4	U	0.7	0.7	U	0.5	0.5	U
1,2,3,7,8-PECDF	0.3	0.3	U	0.3	0.3	U	0.4	0.4	U	0.2	0.2	U	0.4	0.4	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
2,3,4,6,7,8-HXCDF	0.3	0.3	U	0.4	0.4	U	0.6	0.6	U	0.2	0.2	U	0.7	0.7	U	0.3	0.3	U	0.2	0.2	U	0.3	0.3	U
2,3,4,7,8-PECDF	0.3	0.3	U	0.3	0.3	U	0.4	0.4	U	0.2	0.2	U	0.4	0.4	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
2,3,7,8-TCDD	0.3	0.3	U	0.3	0.3	U	0.7	0.7	U	0.1	0.1	U	0.6	0.6	U	0.3	0.3	U	0.4	0.4	U	0.3	0.3	U
2,3,7,8-TCDF	0.2	0.2	U	0.2	0.2	U	0.3	0.3	U	0.1	0.1	U	0.3	0.3	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
TOTAL HPCDD	4	2		2	2	U	15	2	J	1	1	U	33	3	J	1	1	J	2	0.8	J	6	1	J(EM)
TOTAL HPCDF	0.5	0.5	U	0.6	0.6	U	6	1	J(EM)	0.3	0.3	U	13	1	J	0.3	0.4	J	0.3	0.3	U	0.4	0.4	U
TOTAL HXCDD	1	1	U	1	1	U	1	1	U	0.8	0.8	U	2	2	U	0.8	0.8	U	0.5	0.5	U	0.6	0.6	U
TOTAL HXCDF	0.3	0.3	U	0.3	0.3	U	1	0.6	J(EM)	0.2	0.2	U	4	0.6	J	0.2	0.2	U	0.2	0.2	U	0.3	0.3	U
TOTAL PECDD	0.5	0.5	U	0.5	0.5	U	1	1	U	0.2	0.2	U	0.9	0.9	U	0.4	0.4	U	0.7	0.7	U	0.5	0.5	U
TOTAL PECDF	0.3	0.3	U	0.3	0.3	U	0.4	0.4	U	0.2	0.2	U	0.4	0.4	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
TOTAL TCDD	6	0.3		4	0.3	U	4	0.7	U	2	0.1	U	4	0.6	U	3	0.3	U	1	0.4	U	4	0.3	U
TOTAL TCDF	0.2	0.2	U	0.2	0.2	U	0.3	0.3	U	0.1	0.1	U	0.3	0.3	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-4

Analytical Results for Soil

Wood Hogger Site (Site 11)

Point ID	WHSSB023		
Sample ID	033WHSSS500Z		
Matrix	SOIL		
Sample Date	06/10/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	Det. Lim.	Qual.
Dioxin (in ug/Kg)			
1,2,3,4,6,7,8,9-OCDD	8	1	J
1,2,3,4,6,7,8,9-OCDF	0.5	0.7	J
1,2,3,4,6,7,8-HPCDD	2	1	J
1,2,3,4,6,7,8-HPCDF	0.7	0.3	J
1,2,3,4,7,8,9-HPCDF	0.4	0.4	U
1,2,3,4,7,8-HXCDD	0.8	0.8	U
1,2,3,4,7,8-HXCDF	0.2	0.2	U
1,2,3,6,7,8-HXCDD	0.7	0.7	U
1,2,3,6,7,8-HXCDF	0.2	0.2	U
1,2,3,7,8,9-HXCDD	0.7	0.7	U
1,2,3,7,8,9-HXCDF	0.3	0.3	U
1,2,3,7,8-PECDD	0.9	0.9	U
1,2,3,7,8-PECDF	0.3	0.3	U
2,3,4,6,7,8-HXCDF	0.2	0.2	U
2,3,4,7,8-PECDF	0.3	0.3	U
2,3,7,8-TCDD	0.5	0.5	U
2,3,7,8-TCDF	0.2	0.2	U
TOTAL HPCDD	6	1	J (EM)
TOTAL HPCDF	0.8	0.3	J
TOTAL HXCDD	0.7	0.7	U
TOTAL HXCDF	0.2	0.2	U
TOTAL PECDD	0.9	0.9	U
TOTAL PECDF	0.3	0.3	U
TOTAL TCDD	13	0.5	
TOTAL TCDF	0.2	0.2	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

05/21/99

Table D-5

Analytical Results for Tissue

Wood Hogger Site (Site 11)

Point ID	WHSB021			WHSC001			WHSC002			WHSC003		
Sample ID	217WHST1509			217WHC1			217WHC2			217WHC3		
Matrix	PWTISSUE			MOTISSUE			MOTISSUE			MOTISSUE		
Sample Date	06/25/98			09/06/98			09/06/98			09/06/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ug/Wipe)												
2,4'-DDD	NA			1	1	U	1	1	U	0.9	0.9	U
2,4'-DDE	NA			0.6	0.6	U	0.6	0.6	U	0.5	0.5	U
2,4'-DDT	NA			0.4	0.4	UJ	0.4	0.4	UJ	0.3	0.3	UJ
4,4'-DDD	NA			1	1	U	1	1	U	1	1	U
4,4'-DDE	NA			5	5	U	5	5	U	4	4	U
4,4'-DDT	NA			0.4	0.4	UJ	0.4	0.4	UJ	0.3	0.3	UJ
ALDRIN	NA			0.2	0.2	U	0.2	0.2	J	0.3	0.2	J
ALPHA-BHC	NA			0.7	0.5	J	0.6	0.5	J	0.4	0.4	U
ALPHA-CHLORDANE	NA			0.7	0.7	U	0.7	0.7	U	0.6	0.6	U
BETA-BHC	NA			0.3	0.3	U	0.2	0.2	U	0.2	0.2	U
CIS-NONACHLOR	NA			3	3	U	3	3	U	2	2	U
DELTA-BHC	NA			0.3	0.3	U	0.3	0.3	U	0.2	0.2	U
DIELDRIN	NA			0.3	0.3	U	0.2	0.2	U	0.2	0.2	U
ENDOSULFAN I	NA			0.2	0.2	U	0.3	0.2		0.2	0.2	U
ENDOSULFAN II	NA			2	2	U	2	2	U	1	1	U
ENDOSULFAN SULFATE	NA			0.3	0.3	UJ	0.3	0.3	UJ	0.2	0.2	UJ
ENDRIN	NA			0.8	0.2	J	1	0.2	J	0.2	0.2	UJ
ENDRIN ALDEHYDE	NA			0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
ENDRIN KETONE	NA			0.3	0.3	U	0.3	0.3	U	0.3	0.3	U
GAMMA-BHC (LINDANE)	NA			0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
GAMMA-CHLORDANE	NA			0.4	0.4	U	0.4	0.4	U	0.3	0.3	U
HEPTACHLOR	NA			0.3	0.3	UJ	0.3	0.3	UJ	0.2	0.2	UJ
HEPTACHLOR EPOXIDE	NA			0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
HEXACHLOROBENZENE	NA			0.4	0.4	U	0.4	0.4	U	0.3	0.3	U
METHOXYCHLOR	NA			4	0.7	J	0.7	0.7	UJ	0.6	0.6	UJ
MIREX	NA			0.4	0.4	U	0.4	0.4	U	0.4	0.3	
OXYCHLORDANE	NA			0.4	0.4	U	0.4	0.4	U	0.3	0.3	U
PCB-101 (2,2',3,5,5')	NA			2	2	UJ	2	2	UJ	2	2	UJ
PCB-105 (2,3,3',4,4')	NA			0.5	0.5	U	0.5	0.5	U	0.4	0.4	U
PCB-114 (2,3,4,4',5)	NA			0.4	0.4	UJ	0.4	0.4	UJ	0.7	0.3	J
PCB-118 (2,3',4,4',5)	NA			2	2	U	2	2	U	1	1	U
PCB-123 (2',3,4,4',5)	NA			0.8	0.8	UJ	0.8	0.8	UJ	0.7	0.7	UJ
PCB-126 (3,3',4,4',5)	NA			0.6	0.6	U	0.6	0.6	U	0.5	0.5	U
PCB-128 (2,2',3,3',4,4')	NA			0.4	0.4	UJ	0.4	0.4	UJ	0.3	0.3	UJ
PCB-138 (2,2',3,4,4',5')	NA			3	3	UJ	3	3	UJ	2	2	UJ
PCB-153 (2,2',4,4',5,5')	NA			3	3	U	3	3	UJ	2	2	UJ

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-5

Analytical Results for Tissue

Wood Hogger Site (Site 11)

Point ID	WHSB021			WHSC001			WHSC002			WHSC003		
Sample ID	217WHST1509			217WHC1			217WHC2			217WHC3		
Matrix	PWTISSUE			MOTISSUE			MOTISSUE			MOTISSUE		
Sample Date	06/25/98			09/06/98			09/06/98			09/06/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ng/wipe)												
PCB-156 (2,3,3',4,4',5)	NA			0.2	0.2	U	0.2	0.2	U	0.2	0.2	
PCB-157 (2,3,3',4,4',5')	NA			0.4	0.4	U	0.4	0.4	U	0.3	0.3	U
PCB-167 (2,3',4,4',5,5')	NA			0.9	0.9	UJ	0.9	0.9	UJ	0.8	0.8	UJ
PCB-169 (3,3',4,4',5,5')	NA			0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
PCB-170 (2,2',3,3',4,4',5)	NA			0.8	0.8	U	1	0.8	J	0.7	0.7	J
PCB-18 (2,2',5)	NA			1	1	UJ	1	1	UJ	0.8	0.8	UJ
PCB-180 (2,2',3,4,4',5,5')	NA			0.6	0.6	U	0.6	0.6	U	0.5	0.5	J
PCB-187 (2,2',3,4',5,5',6)	NA			1	1	UJ	1	1	U	0.8	0.8	UJ
PCB-189 (2,3,3',4,4',5,5')	NA			0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
PCB-195 (2,2',3,3',4,4',5,6)	NA			0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ
PCB-206 (2,2',3,3',4,4',5,5',6	NA			0.3	0.3	UJ	0.3	0.3	UJ	0.2	0.2	UJ
PCB-209 (2,2',3,3',4,4',5,5',6	NA			0.5	0.5	UJ	0.5	0.5	UJ	0.4	0.4	UJ
PCB-28 (2,4,4')	NA			0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
PCB-44 (2,2',3,5')	NA			0.8	0.8	UJ	0.8	0.8	UJ	0.7	0.7	UJ
PCB-52 (2,2',5,5')	NA			0.4	0.4	UJ	0.4	0.4	UJ	0.4	0.4	UJ
PCB-66 (2,3',4,4')	NA			0.6	0.6	U	0.6	0.6	U	0.5	0.5	U
PCB-77 (3,3',4,4')	NA			0.4	0.4	U	0.4	0.4	U	0.4	0.4	U
PCB-8 (2,4')	NA			0.7	0.7	U	2	0.7		0.6	0.6	J
TOXAPHENE	NA			99	99	U	97	97	U	82	82	U
TRANS-NONACHLOR	NA			0.7	0.7	U	0.6	0.6	U	0.5	0.5	U
Total Metals (in ug/wipe)												
ALUMINUM	5.6	2.2	J	21.6	0.81		15.7	0.84		5.8	5.8	UJ
ANTIMONY	0.18	0.18	U	0.23	0.23	U	0.24	0.24	U	0.24	0.24	U
ARSENIC	0.24	0.24	U	0.21	0.21	UJ	0.22	0.22	UJ	0.21	0.21	UJ
BARIUM	0.62	0.48	J	0.88	0.25	J	2.3	0.26	J	1.2	0.26	J
BERYLLIUM	0.020	0.020	U	0.0038	0.0038	U	0.0040	0.0040	U	0.0039	0.0039	U
CADMIUM	0.020	0.020	U	0.050	0.050	UJ	0.030	0.030	UJ	0.030	0.030	UJ
CALCIUM	860	10.4		4,840	15.9		9,020	16.6		8,720	16.2	
CHROMIUM	0.060	0.060	U	0.10	0.10	UJ	0.20	0.20	UJ	0.16	0.16	UJ
COBALT	0.11	0.11	U	0.080	0.080	UJ	0.080	0.080	UJ	0.080	0.080	UJ
COPPER	0.54	0.18	J	2.0	0.054		2.4	0.056		2.1	0.055	
IRON	25.2	1.7		64.3	1.8	J	73.1	1.8	J	64.8	1.8	J
LEAD	0.14	0.14	J	0.45	0.077		0.66	0.080		0.35	0.078	
MAGNESIUM	1,141	10.2		297	6.6		332	6.8		423	6.7	
MANGANESE	4.5	0.039		1.5	0.023		1.5	0.024		1.4	0.023	
MERCURY	0.010	0.010	U	0.020	0.020	U	0.010	0.010	U	0.020	0.020	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table D-5

Analytical Results for Tissue

Wood Hogger Site (Site 11)

Point ID	WHSB021			WHSC001			WHSC002			WHSC003		
Sample ID	217WHST1509			217WHC1			217WHC2			217WHC3		
Matrix	PWTISSUE			MOTISSUE			MOTISSUE			MOTISSUE		
Sample Date	06/25/98			09/06/98			09/06/98			09/06/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in µg/wipe)												
MOLYBDENUM	0.10	0.10	U	0.47	0.073	J	0.17	0.076	J	0.17	0.074	J
NICKEL	0.15	0.15	U	0.15	0.081	J	0.10	0.084	J	0.16	0.082	J
POTASSIUM	2,830	17.8		2,290	11.1	J	3,860	11.5	J	2,840	11.2	J
SELENIUM	0.18	0.18	U	0.76	0.18	J	0.51	0.18	J	0.44	0.18	J
SILVER	0.070	0.070	U	0.050	0.050	U	0.050	0.050	U	0.050	0.050	U
SODIUM	6,120	445		342	9.7		1,120	10.1		1,040	9.8	
THALLIUM	0.11	0.31	U	0.20	0.20	U	0.21	0.21	U	0.20	0.20	U
VANADIUM	0.32	0.17	J	0.090	0.090	U	0.23	0.092	J	0.090	0.090	U
ZINC	5.6	0.20		16.3	0.077	J	48.4	0.080	J	27.2	0.078	J
Dioxin (in µg/wipe)												
1,2,3,4,6,7,8,9-OCDD	NA			0.02	0.0003		0.08	0.0003		NA		
1,2,3,4,6,7,8,9-OCDF	NA			0.004	0.0003	J	0.001	0.0002	J	NA		
1,2,3,4,6,7,8-HPCDD	NA			0.04	0.0002		0.04	0.0001		NA		
1,2,3,4,6,7,8-HPCDF	NA			0.01	0.0001		0.004	0.0001		NA		
1,2,3,4,7,8,9-HPCDF	NA			0.001	0.0001	J	0.0008	0.0001	J	NA		
1,2,3,4,7,8-HXCDD	NA			0.0008	0.0001	J	0.0007	0.0001	J	NA		
1,2,3,4,7,8-HXCDF	NA			0.002	0.0001	J	0.002	0.0001	J	NA		
1,2,3,6,7,8-HXCDD	NA			0.003	0.0001		0.001	0.0001		NA		
1,2,3,6,7,8-HXCDF	NA			0.002	0.0001	J	0.001		J	NA		
1,2,3,7,8,9-HXCDD	NA			0.0009	0.0001	J	0.001	0.0001	J	NA		
1,2,3,7,8,9-HXCDF	NA			0.0001	0.0001	U	0.00006	0.00006	U	NA		
1,2,3,7,8-PECDD	NA			0.0006	0.0001	J	0.0006	0.0001	J	NA		
1,2,3,7,8-PECDF	NA			0.00009	0.00009	U	0.00005	0.00005	U	NA		
2,3,4,6,7,8-HXCDF	NA			0.002	0.0001	J	0.001	0.0001	J	NA		
2,3,4,7,8-PECDF	NA			0.001	0.0001	J	0.001	0.0001	J	NA		
2,3,7,8-TCDD	NA			0.0001	0.0001	U	0.00006	0.00006	U	NA		
2,3,7,8-TCDF	NA			0.00008	0.00008	U	0.00004	0.00004	U	NA		
TOTAL HPCDD	NA			0.04			0.04			NA		
TOTAL HPCDF	NA			0.02		J	0.01		J	NA		
TOTAL HXCDD	NA			0.005			0.004		J	NA		
TOTAL HXCDF	NA			0.007		J	0.003		J	NA		
TOTAL PECDD	NA			0.0006			0.0008			NA		
TOTAL PECDF	NA			0.001			0.001			NA		
TOTAL TCDD	NA			0.00003	0.00003	U	0.00002	0.00002	U	NA		
TOTAL TCDF	NA			0.00002	0.00002	U	0.00001	0.00001	U	NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

05/21/99

APPENDIX E

ANALYTICAL DATA TABLES - OTTER SLUICE

LIST OF TABLES

Table

1998

E-1 ANALYTICAL RESULTS FOR SOIL, OTTER SLUICE

E-2 ANALYTICAL RESULTS FOR SURFACE WATER, OTTER SLUICE

E-3 ANALYTICAL RESULTS FOR TISSUE, OTTER SLUICE

Notes:

Point ID	Location of the sample.
Sample ID	Number assigned before the sample is sent to the analytical laboratory. The sample ID is separate from the point (location) ID to ensure that samples are sent blind to the laboratory.
Matrix	Sample media (soil, sediment, and surface water).
Sample Date	Date of sample collection.
Sample Depth	Depth, in feet below ground surface (bgs). Soil or sediment samples collected from a depth of 0 to 0.5 feet bgs are considered surface soil or sediment, and samples collected below 0.5 feet bgs are considered subsurface samples. Surface water samples are collected at a depth of 0 feet bgs.
Result	Listed by analytical group; the concentration shown is the detected concentration.
Detection Limit	The detection limit achieved by the laboratory that is specific to the sample and analyte. The detection limit is different from the sample quantitation limit, which is not sample-specific and instead applies to the methodology.
Qualifier	A qualifier assigned after data validation. "U" indicates undetected results, "J" indicates estimated results.

Table E-1

Analytical Results for Soil

Otter Sluice

Point ID	OSLSL001			OSLSL002			OSLSL003			OSLSL004			OSLSL005			OSLSL006			OSLSL007			OSLSL008		
Sample ID	2170SLSS001			2170SLSS002			2170SLSS003			2170SLSS004			2170SLSS005			2170SLSS006			2170SLSS007			2170SLSS008		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	06/15/98			06/15/98			06/17/98			06/17/98			06/17/98			06/16/98			06/16/98			06/29/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
1,2,4-TRICHLOROBENZENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
1,2-DICHLOROBENZENE	500	500	U	590	590	U	620	620	U	1,100	1,100	U	640	640	U	730	730	U	570	570	U	1,400	1,400	U
1,3-DICHLOROBENZENE	500	500	U	590	590	U	620	620	U	1,100	1,100	U	640	640	U	730	730	U	570	570	U	1,400	1,400	U
1,4-DICHLOROBENZENE	500	500	U	590	590	U	620	620	U	1,100	1,100	U	640	640	U	730	730	U	570	570	U	1,400	1,400	U
2,2'-OXYBIS(1-CHLOROPROPANE)	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
2,4,5-TRICHLOROPHENOL	2,600	2,600	U	3,100	3,100	U	3,200	3,200	U	2,900	2,900	U	3,300	3,300	U	3,800	3,800	U	3,000	3,000	U	7,500	7,500	U
2,4,6-TRICHLOROPHENOL	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
2,4-DICHLOROPHENOL	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
2,4-DIMETHYLPHENOL	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
2,4-DINITROPHENOL	2,600	2,600	UJ	3,100	3,100	UJ	3,200	3,200	UJ	2,900	2,900	UJ	3,300	3,300	UJ	3,800	3,800	UJ	3,000	3,000	UJ	7,500	7,500	U
2,4-DINITROTOLUENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
2,6-DINITROTOLUENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
2-CHLORONAPHTHALENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
2-CHLOROPHENOL	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
2-METHYLNAPHTHALENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
2-METHYLPHENOL	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
2-NITROANILINE	2,600	2,600	U	3,100	3,100	U	3,200	3,200	U	2,900	2,900	U	3,300	3,300	U	3,800	3,800	U	3,000	3,000	U	7,500	7,500	U
2-NITROPHENOL	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
3,3'-DICHLOROBENZIDINE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
3-NITROANILINE	2,600	2,600	U	3,100	3,100	U	3,200	3,200	U	2,900	2,900	U	3,300	3,300	U	3,800	3,800	U	3,000	3,000	U	7,500	7,500	U
4,6-DINITRO-2-METHYLPHENOL	2,600	2,600	UJ	3,100	3,100	UJ	3,200	3,200	UJ	2,900	2,900	UJ	3,300	3,300	UJ	3,800	3,800	UJ	3,000	3,000	UJ	7,500	7,500	U
4-BROMOPHENYL-PHENYLETHER	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
4-CHLORO-3-METHYLPHENOL	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
4-CHLOROANILINE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
4-CHLOROPHENYL-PHENYLETHER	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
4-METHYLPHENOL	1,000	1,000	U	1,200	1,200	J	1,300	1,300	U	1,100	1,100	U	1,300	1,300	J	1,500	1,500	U	1,200	1,200	J	3,000	3,000	U
4-NITROANILINE	2,600	2,600	U	3,100	3,100	U	3,200	3,200	U	2,900	2,900	U	3,300	3,300	U	3,800	3,800	U	3,000	3,000	U	7,500	7,500	U
4-NITROPHENOL	2,600	2,600	U	3,100	3,100	U	3,200	3,200	U	2,900	2,900	U	3,300	3,300	U	3,800	3,800	U	3,000	3,000	U	7,500	7,500	U
ACENAPHTHENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
ACENAPHTHYLENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
ANTHRACENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
BENZO(A)ANTHRACENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
BENZO(A)PYRENE	86	1,000	J	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	UJ
BENZO(B)FLUORANTHENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	UJ

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-1

Analytical Results for Soil

Otter Sluice

Point ID	OSLSL001			OSLSL002			OSLSL003			OSLSL004			OSLSL005			OSLSL006			OSLSL007			OSLSL008		
Sample ID	2170SLSS001			2170SLSS002			2170SLSS003			2170SLSS004			2170SLSS005			2170SLSS006			2170SLSS007			2170SLSS008		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	06/15/98			06/15/98			06/17/98			06/17/98			06/17/98			06/16/98			06/16/98			06/29/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/Kg)																								
BENZO(G,H,I)PERYLENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	UJ
BENZO(K)FLUORANTHENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	UJ
BIS(2-CHLOROETHOXY)METHANE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
BIS(2-CHLOROETHYL)ETHER	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
BIS(2-ETHYLHEXYL)PHTHALATE	460	460	UJ	520	520	UJ	500	500	U	1,100	1,100	U	520	520	UJ	590	590	U	460	460	U	1,200	1,200	U
BUTYLBENZYLPHTHALATE	1,000	1,000	UJ	1,200	1,200	UJ	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
CARBAZOLE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
CHRYSENE	70	1,000	J	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
DI-N-BUTYLPHTHALATE	1,000	1,000	UJ	1,200	1,200	UJ	1,300	1,300	UJ	1,100	1,100	UJ	1,300	1,300	U	1,500	1,500	UJ	1,200	1,200	U	3,000	3,000	U
DI-N-OCTYLPHTHALATE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	UJ
DIBENZ(A,H)ANTHRACENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	UJ
DIBENZOFURAN	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
DIETHYLPHTHALATE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
DIMETHYLPHTHALATE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
FLUORANTHENE	120	1,000	J	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	72	1,500	J	1,200	1,200	U	3,000	3,000	U
FLUORENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
HEXACHLOROBENZENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
HEXACHLOROBUTADIENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
HEXACHLOROCYCLOPENTADIENE	1,000	1,000	UJ	1,200	1,200	UJ	1,300	1,300	UJ	1,100	1,100	UJ	1,300	1,300	UJ	1,500	1,500	UJ	1,200	1,200	UJ	3,000	3,000	U
HEXACHLOROETHANE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
INDENO(1,2,3-CD)PYRENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	UJ
ISOPHORONE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
N-NITROSO-DI-N-PROPYLAMINE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
N-NITROSODIPHENYLAMINE (1)	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
NAPHTHALENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
NITROBENZENE	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
PENTACHLOROPHENOL	2,600	2,600	U	3,100	3,100	U	3,200	3,200	U	2,900	2,900	U	3,300	3,300	U	3,800	3,800	U	3,000	3,000	U	7,500	7,500	U
PHENANTHRENE	48	1,000	J	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
PHENOL	1,000	1,000	U	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	U	1,500	1,500	U	1,200	1,200	U	3,000	3,000	U
PYRENE	1,000	1,000	UJ	1,200	1,200	U	1,300	1,300	U	1,100	1,100	U	1,300	1,300	UJ	1,500	1,500	U	1,200	1,200	U	150	3,000	J
TOTAL PAHS	238		J			U			U			U			U	72		J			U	150		J
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDD	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-1

Analytical Results for Soil

Otter Sluice

Point ID	OSLSL001			OSLSL002			OSLSL003			OSLSL004			OSLSL005			OSLSL006			OSLSL007			OSLSL008		
Sample ID	2170SLSS001			2170SLSS002			2170SLSS003			2170SLSS004			2170SLSS005			2170SLSS006			2170SLSS007			2170SLSS008		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	06/15/98			06/15/98			06/17/98			06/17/98			06/17/98			06/16/98			06/16/98			06/29/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
2,4'-DDE	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
2,4'-DDT	0.3	0.3	U	0.4	0.4	UJ	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	UJ	0.4	0.4	UJ	0.9	0.9	U
4,4'-DDD	0.3	0.3	U	0.4	0.4		0.6	0.6	U	0.7	0.7	U	0.7	0.4	J	0.8	0.4	J	0.6	0.4	J	2	0.9	
4,4'-DDE	1	0.3	J	1	0.4		2	0.4		1	0.3		0.4	0.4	U	2	0.4		1	0.4		2	0.9	
4,4'-DDT	0.5	0.5	U	0.6	0.6	U	0.6	0.6	UJ	0.6	0.6	UJ	0.6	0.6	UJ	0.7	0.7	U	0.6	0.6	U	1	1	U
ALDRIN	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
ALPHA-BHC	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.6	0.6	U	0.4	0.4	U	0.5	0.4	J	0.9	0.9	UJ
ALPHA-CHLORDANE	0.3	0.3		0.4	0.4	UJ	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.7	0.4	J	0.5	0.4	J	1	0.9	
BETA-BHC	0.3	0.3	U	0.4	0.4	UJ	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	UJ	0.4	0.4	UJ	0.9	0.9	U
CIS-NONACHLOR	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
DELTA-BHC	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
DIELDRIN	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
ENDOSULFAN I	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
ENDOSULFAN II	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
ENDOSULFAN SULFATE	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
ENDRIN	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	UJ
ENDRIN ALDEHYDE	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
ENDRIN KETONE	0.3	0.3	U	0.4	0.4	U	0.4	0.4	UJ	0.3	0.3	UJ	0.4	0.4	UJ	0.4	0.4	U	0.4	0.4	UJ	0.9	0.9	U
GAMMA-BHC (LINDANE)	0.3	0.3	U	0.4	0.4	UJ	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.6	0.4	J	0.4	0.4	UJ	0.9	0.9	U
GAMMA-CHLORDANE	0.3	0.3	U	0.4	0.4	UJ	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.7	0.4	J	0.4	0.4	UJ	0.9	0.9	U
HEPTACHLOR	0.3	0.3	U	0.4	0.4	UJ	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	UJ	0.4	0.4	UJ	0.9	0.9	U
HEPTACHLOR EPOXIDE	0.3	0.3	U	0.4	0.4	UJ	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	UJ	0.4	0.4	UJ	0.9	0.9	U
HEXACHLOROBENZENE	0.4	0.5	J	0.6	0.6	U	0.6	0.6	U	0.6	0.6	U	0.7	0.7	U	0.8	0.8	U	0.4	0.6	J	2	2	U
METHOXYCHLOR	1	1	U	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	2	2	UJ	1	1	UJ	5	3	J
MIREX	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
OXYCHLORDANE	0.3	0.3	U	0.4	0.4	UJ	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	UJ	0.9	0.9	U
PCB-101 (2,2',3,5,5')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-105 (2,3,3',4,4')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-114 (2,3,4,4',5)	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-118 (2,3',4,4',5)	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-123 (2',3,4,4',5)	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-126 (3,3',4,4',5)	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-128 (2,2',3,3',4,4')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	1	0.9	
PCB-138 (2,2',3,4,4',5')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.3	J	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U			

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-1

Analytical Results for Soil

Otter Sluice

Point ID	OSLSL001			OSLSL002			OSLSL003			OSLSL004			OSLSL005			OSLSL006			OSLSL007			OSLSL008		
Sample ID	217OSLSS001			217OSLSS002			217OSLSS003			217OSLSS004			217OSLSS005			217OSLSS006			217OSLSS007			217OSLSS008		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	06/15/98			06/15/98			06/17/98			06/17/98			06/17/98			06/16/98			06/16/98			06/29/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/Kg)																								
PCB-153 (2,2',4,4',5,5')	0.3	0.3	U	0.4	0.4	U	0.5	0.4		0.8	0.3		0.5	0.4		0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-156 (2,3,3',4,4',5)	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-157 (2,3,3',4,4',5')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	UJ
PCB-167 (2,3',4,4',5,5')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-169 (3,3',4,4',5,5')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-170 (2,2',3,3',4,4',5)	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	1	0.9	J
PCB-18 (2,2',5)	0.5	0.5	U	0.6	0.6	U	0.6	0.6	U	0.6	0.6	U	0.7	0.7	U	0.8	0.8	U	0.6	0.6	U	2	2	U
PCB-180 (2,2',3,4,4',5,5')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.7	0.3		0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-187 (2,2',3,4',5,5',6)	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-189 (2,3,3',4,4',5,5')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-195 (2,2',3,3',4,4',5,6)	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-206 (2,2',3,3',4,4',5,5',6	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-209 (2,2',3,3',4,4',5,5',6	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-28 (2,4,4')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-44 (2,2',3,5')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-52 (2,2',5,5')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-66 (2,3',4,4')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-77 (3,3',4,4')	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.9	0.9	U
PCB-8 (2,4')	2	2	U	3	3	U	3	3	U	3	3	U	3	3	U	3	3	U	3	3	U	7	7	U
TOXAPHENE	160	160	U	180	180	U	190	190	U	170	170	U	200	200	U	230	230	U	180	180	U	450	450	U
TRANS-NONACHLOR	0.3	0.3	U	0.4	0.4	UJ	0.4	0.4	U	0.3	0.3	U	0.4	0.4	U	0.6	0.4	J	0.5	0.4	J	0.9	0.9	U
Total Metals (in mg/Kg)																								
ALUMINUM	18,700	1.2	J	17,300	1.3	J	16,700	1.5	J	15,300	1.3	J	16,900	1.5	J	15,600	1.8	J	16,400	1.3	J	27,300	67.8	
ANTIMONY	1.7	0.76	J	1.3	0.84	J	1.7	0.92	J	1.2	0.80	J	1.8	0.95	J	1.3	1.1	J	1.3	0.82	J	2.3	5.6	J
ARSENIC	6.8	0.55	J	8.8	0.61	J	6.2	0.67	J	13.7	0.58	J	14.0	0.69	J	12.1	0.81	J	12.3	0.60	J	21.2	7.5	
BARIUM	55.6	0.28	J	58.6	0.31	J	53.2	0.34	J	53.9	0.30	J	56.9	0.35	J	51.3	0.42	J	71.0	0.31	J	157	15.1	J
BERYLLIUM	0.20	0.015	J	0.22	0.017	J	0.21	0.018	J	0.23	0.016	J	0.29	0.019	J	0.23	0.022	J	0.22	0.016	J	0.34	0.61	J
CADMIUM	0.71	0.045	J	0.77	0.050	J	0.69	0.054	J	0.87	0.047	J	1.0	0.056	J	1.6	0.066	J	0.80	0.048	J	0.61	0.61	UJ
CALCIUM	2,750	9.0	J	3,550	10.0	J	2,810	10.9	J	2,320	9.5	J	3,200	11.3	J	3,480	13.2	J	2,720	9.8	J	5,740	325	J
CHROMIUM	54.5	0.13	J	55.0	0.15	J	54.7	0.16	J	50.4	0.14	J	53.2	0.17	J	53.6	0.20	J	54.5	0.15	J	99.0	1.8	
COBALT	12.2	0.21	J	12.1	0.23	J	11.6	0.25	J	11.4	0.22	J	13.5	0.26	J	15.5	0.31	J	12.6	0.23	J	23.3	3.4	J
COPPER	41.9	0.18	J	41.3	0.20	J	40.1	0.22	J	44.1	0.19	J	51.5	0.22	J	56.4	0.26	J	42.7	0.19	J	101	5.6	
IRON	28,300	2.7	J	28,400	3.0	J	27,100	3.3	J	28,700	2.9	J	34,900	3.4	J	34,300	4.0	J	29,800	2.9	J	58,100	52.7	
LEAD	24.1	0.27	J	16.3	0.30	J	16.4	0.33	J	20.1	0.28	J	21.1	0.34	J	34.1	0.39	J	21.7	0.29	J	55.4	4.3	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-1

Analytical Results for Soil

Otter Sluice

Point ID	OSLSL001			OSLSL002			OSLSL003			OSLSL004			OSLSL005			OSLSL006			OSLSL007			OSLSL008		
Sample ID	2170SLSS001			2170SLSS002			2170SLSS003			2170SLSS004			2170SLSS005			2170SLSS006			2170SLSS007			2170SLSS008		
Matrix	SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT		
Sample Date	06/15/98			06/15/98			06/17/98			06/17/98			06/17/98			06/16/98			06/16/98			06/29/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in mg/Kg)																								
MAGNESIUM	8,130	8.7	J	8,700	9.6	J	8,280	10.5	J	7,970	9.1	J	8,440	10.8	J	8,940	12.7	J	8,330	9.4	J	17,400	97.0	
MANGANESE	280	0.030	J	270	0.033	J	251	0.036	J	278	0.032	J	370	0.037	J	341	0.044	J	607	0.032	J	499	1.2	
MERCURY	0.22	0.22	UJ	0.14	0.14	U	0.16	0.16	UJ	0.16	0.16	U	0.18	0.18	U	0.25	0.29	UJ	0.13	0.13	U	0.31	0.33	U
MOLYBDENUM	0.22	0.22	UJ	0.25	0.25	UJ	0.27	0.27	UJ	0.58	0.24	J	0.83	0.28	J	0.45	0.33	J	0.84	0.24	J	3.8	3.2	J
NICKEL	56.8	0.19	J	58.9	0.22	J	56.3	0.24	J	55.5	0.21	J	66.3	0.24	J	69.6	0.28	J	68.3	0.21	J	212	4.7	
POTASSIUM	1,970	21.7		2,090	24.0		2,010	26.3		1,880	22.9		2,220	27.1		2,240	31.7		1,990	23.4		5,000	557	J
SELENIUM	1.2	0.67		0.74	0.74	U	0.82	0.82	U	1.5	0.71		1.3	0.84		0.98	0.98	U	1.1	0.73		5.8	5.8	UJ
SILVER	0.32	0.19	J	0.32	0.22	J	0.24	0.24	U	0.24	0.21	J	0.40	0.24	J	0.60	0.28	J	0.52	0.21	J	2.3	2.3	U
SODIUM	613	39.2	J	1,860	43.4		1,030	47.5		614	41.3	J	1,220	48.9		1,610	57.3		927	42.4		8,460	550	
THALLIUM	1.8	1.0		1.8	1.1	J	1.8	1.2	J	1.5	1.1	J	2.5	1.3	J	2.6	1.5	J	2.4	1.1		2.3	2.8	U
VANADIUM	53.6	0.22	J	52.5	0.25	J	52.1	0.27	J	56.5	0.24	J	62.9	0.28	J	64.1	0.33	J	59.7	0.24	J	108	5.3	
ZINC	49.8	0.24	J	53.7	0.26	J	59.4	0.29	J	37.4	0.25	J	166	0.30	J	187	0.35	J	119	0.26	J	285	6.3	
Anions, Solids, Sulfides, and TOC (in mg/kg)																								
TOTAL ORGANIC CARBON	22,600	100		19,500	100		27,600	100		30,700	100		32,500	100		39,500	100		19,400	100		66,100	100	
Percent Moisture (percent)																								
SOLIDS, PERCENT	NA			NA			NA			NA			NA			NA			NA			11.1		
Miscellaneous																								
ACID VOLATILE SULFIDE	422	1	J	2,160	1	J	1,940	1		1,480	1		2,400	1		2,870	1	J	304	1	J	5,840	1	J
CADMIUM	.28	.28	UJ	.23	.29	UJ	.32	.25	UJ	.28	.28	UJ	1.1	.035		.32	.92	UJ	.33	.031		.5	.044	J
COPPER	32.9	.13	J	34.9	.15	J	15.3	.16	J	13	.14	J	27.3	.17	J	23	.19	J	26.1	.15	J	57	.4	
LEAD	20.5	.1	J	16.1	.12	J	15.2	.12	J	14.2	.11	J	22.9	.13	J	25.9	.15	J	15.7	.11	J	44.2	.31	
MERCURY	.02	.0039		.01	.0045	J	.01	.0048		.005	.005	U	.01	.005	J	.01	.01	U	.03	.0044		.01	.01	UJ
NICKEL	30.2	.14	J	34.6	.16	J	21.9	.17	J	19	.15	J	17.7	.17	J	18.3	.2	J	19.6	.15	J	35.4	.34	J
SOIL PH (STD. UNITS)	7.4			7.7			7.8			7.6			7.8			7.7			7			7.6		
ZINC	74.4	.074	J	77.4	.086	J	63.4	.091	J	56.5	.081	J	115	.095	J	108	.11	J	72.1	.083	J	205	.45	J

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-1

Analytical Results for Soil

Otter Sluice

Point ID	OSLSL009		
Sample ID	217OSLSS009		
Matrix	SEDIMENT		
Sample Date	06/29/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/kg)			
1,2,4-TRICHLOROBENZENE	2,200	2,200	U
1,2-DICHLOROBENZENE	1,100	1,100	U
1,3-DICHLOROBENZENE	1,100	1,100	U
1,4-DICHLOROBENZENE	1,100	1,100	U
2,2'-OXYBIS(1-CHLOROPROPANE)	2,200	2,200	U
2,4,5-TRICHLOROPHENOL	5,500	5,500	U
2,4,6-TRICHLOROPHENOL	2,200	2,200	U
2,4-DICHLOROPHENOL	2,200	2,200	U
2,4-DIMETHYLPHENOL	2,200	2,200	U
2,4-DINITROPHENOL	5,500	5,500	U
2,4-DINITROTOLUENE	2,200	2,200	U
2,6-DINITROTOLUENE	2,200	2,200	U
2-CHLORONAPHTHALENE	2,200	2,200	U
2-CHLOROPHENOL	2,200	2,200	U
2-METHYLNAPHTHALENE	2,200	2,200	U
2-METHYLPHENOL	2,200	2,200	U
2-NITROANILINE	5,500	5,500	U
2-NITROPHENOL	2,200	2,200	U
3,3'-DICHLOROBENZIDINE	2,200	2,200	U
3-NITROANILINE	5,500	5,500	U
4,6-DINITRO-2-METHYLPHENOL	5,500	5,500	U
4-BROMOPHENYL-PHENYLETHER	2,200	2,200	U
4-CHLORO-3-METHYLPHENOL	2,200	2,200	U
4-CHLOROANILINE	2,200	2,200	U
4-CHLOROPHENYL-PHENYLETHER	2,200	2,200	U
4-METHYLPHENOL	2,200	2,200	U
4-NITROANILINE	5,500	5,500	U
4-NITROPHENOL	5,500	5,500	U
ACENAPHTHENE	2,200	2,200	U
ACENAPHTHYLENE	2,200	2,200	U
ANTHRACENE	2,200	2,200	U
BENZO(A)ANTHRACENE	2,200	2,200	U
BENZO(A)PYRENE	2,200	2,200	U
BENZO(B)FLUORANTHENE	2,200	2,200	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-1

Analytical Results for Soil

Otter Sluice

Point ID	OSLSL009		
Sample ID	2170SLSS009		
Matrix	SEDIMENT		
Sample Date	06/29/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/Kg)			
BENZO(G,H,I)PERYLENE	2,200	2,200	U
BENZO(K)FLUORANTHENE	2,200	2,200	U
BIS(2-CHLOROETHOXY)METHANE	2,200	2,200	U
BIS(2-CHLOROETHYL)ETHER	2,200	2,200	U
BIS(2-ETHYLHEXYL)PHTHALATE	870	870	U
BUTYLBENZYLPHTHALATE	2,200	2,200	U
CARBAZOLE	2,200	2,200	U
CHRYSENE	2,200	2,200	U
DI-N-BUTYLPHTHALATE	2,200	2,200	U
DI-N-OCTYLPHTHALATE	2,200	2,200	U
DIBENZ(A,H)ANTHRACENE	2,200	2,200	U
DIBENZOFURAN	2,200	2,200	U
DIETHYLPHTHALATE	2,200	2,200	U
DIMETHYLPHTHALATE	2,200	2,200	U
FLUORANTHENE	2,200	2,200	U
FLUORENE	2,200	2,200	U
HEXACHLOROBENZENE	2,200	2,200	U
HEXACHLOROBUTADIENE	2,200	2,200	U
HEXACHLOROCYCLOPENTADIENE	2,200	2,200	U
HEXACHLOROETHANE	2,200	2,200	U
INDENO(1,2,3-CD)PYRENE	2,200	2,200	U
ISOPHORONE	2,200	2,200	U
N-NITROSO-DI-N-PROPYLAMINE	2,200	2,200	U
N-NITROSODIPHENYLAMINE (1)	2,200	2,200	U
NAPHTHALENE	2,200	2,200	U
NITROBENZENE	2,200	2,200	U
PENTACHLOROPHENOL	5,500	5,500	U
PHENANTHRENE	2,200	2,200	U
PHENOL	2,200	2,200	U
PYRENE	2,200	2,200	U
TOTAL PAHS			U
Low Level Pesticides/PCBs (in µg/Kg)			
2,4'-DDD	0.7	0.7	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-1

Analytical Results for Soil

Otter Sluice

Point ID	OSLSLC09		
Sample ID	217OSLSS009		
Matrix	SEDIMENT		
Sample Date	06/29/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Low Level Pesticides/PCBs (in µg/kg)			
2,4'-DDE	0.7	0.7	U
2,4'-DDT	0.7	0.7	U
4,4'-DDD	1	0.7	
4,4'-DDE	1	0.7	
4,4'-DDT	1	1	U
ALDRIN	0.7	0.7	U
ALPHA-BHC	0.7	0.7	UJ
ALPHA-CHLORDANE	0.7	0.7	U
BETA-BHC	0.7	0.7	U
CIS-NONACHLOR	0.7	0.7	U
DELTA-BHC	0.7	0.7	U
DIELDRIN	0.7	0.7	U
ENDOSULFAN I	0.7	0.7	U
ENDOSULFAN II	0.7	0.7	U
ENDOSULFAN SULFATE	0.7	0.7	U
ENDRIN	0.7	0.7	U
ENDRIN ALDEHYDE	0.7	0.7	UJ
ENDRIN KETONE	0.7	0.7	U
GAMMA-BHC (LINDANE)	0.7	0.7	U
GAMMA-CHLORDANE	0.7	0.7	U
HEPTACHLOR	0.7	0.7	U
HEPTACHLOR EPOXIDE	0.7	0.7	U
HEXACHLOROBENZENE	1	1	U
METHOXYCHLOR	2	2	UJ
MIREX	0.7	0.7	U
OXYCHLORDANE	0.7	0.7	U
PCB-101 (2,2',3,5,5')	0.7	0.7	U
PCB-105 (2,3,3',4,4')	0.7	0.7	U
PCB-114 (2,3,4,4',5)	0.7	0.7	U
PCB-118 (2,3',4,4',5)	0.7	0.7	U
PCB-123 (2',3,4,4',5)	0.7	0.7	U
PCB-126 (3,3',4,4',5)	0.7	0.7	U
PCB-128 (2,2',3,3',4,4')	0.7	0.7	U
PCB-138 (2,2',3,4,4',5')	0.7	0.7	U

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-1

Analytical Results for Soil

Otter Sluice

Point ID	OSLSL009		
Sample ID	217OSLSS009		
Matrix	SEDIMENT		
Sample Date	06/29/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Low Level Pesticides/PCBs (in µg/Kg)			
PCB-153 (2,2',4,4',5,5')	0.7	0.7	U
PCB-156 (2,3,3',4,4',5)	0.7	0.7	U
PCB-157 (2,3,3',4,4',5')	0.7	0.7	U
PCB-167 (2,3',4,4',5,5')	0.7	0.7	U
PCB-169 (3,3',4,4',5,5')	0.7	0.7	U
PCB-170 (2,2',3,3',4,4',5)	0.7	0.7	U
PCB-18 (2,2',5)	1	1	U
PCB-180 (2,2',3,4,4',5,5')	0.7	0.7	U
PCB-187 (2,2',3,4',5,5',6)	0.7	0.7	U
PCB-189 (2,3,3',4,4',5,5')	0.7	0.7	U
PCB-195 (2,2',3,3',4,4',5,6)	0.7	0.7	U
PCB-206 (2,2',3,3',4,4',5,5',6	0.7	0.7	U
PCB-209 (2,2',3,3',4,4',5,5',6	0.7	0.7	U
PCB-28 (2,4,4')	0.7	0.7	U
PCB-44 (2,2',3,5')	0.7	0.7	U
PCB-52 (2,2',5,5')	0.7	0.7	U
PCB-66 (2,3',4,4')	0.7	0.7	U
PCB-77 (3,3',4,4')	0.7	0.7	U
PCB-8 (2,4')	5	5	U
TOXAPHENE	330	330	U
TRANS-NONACHLOR	0.7	0.7	U
Total Metals (in mg/Kg)			
ALUMINUM	18,500	42.4	
ANTIMONY	5.3	6.0	UJ
ARSENIC	13.8	4.7	
BARIUM	586	9.5	J
BERYLLIUM	0.38	0.38	J
CADMIUM	0.38	0.38	U
CALCIUM	1,330	203	J
CHROMIUM	61.0	1.1	
COBALT	15.2	2.1	J
COPPER	58.7	3.5	
IRON	38,300	32.9	
LEAD	35.8	2.7	

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-1

Analytical Results for Soil

Otter Sluice

Point ID	OSLSL009		
Sample ID	217OSLSS009		
Matrix	SEDIMENT		
Sample Date	06/29/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	Det. Lim.	Qual.
Total Metals (in mg/kg)			
MAGNESIUM	11,600	68.1	
MANGANESE	447	0.76	
MERCURY	0.31	0.31	U
MOLYBDENUM	2.0	2.0	U
NICKEL	62.4	3.0	
POTASSIUM	3,020	349	J
SELENIUM	3.5	3.6	U
SILVER	1.4	1.4	U
SODIUM	5,450	344	
THALLIUM	2.0	2.0	U
VANADIUM	46.5	3.3	
ZINC	177	3.9	
Anions, Solids, Sulfides, and TOC (in mg/kg)			
TOTAL ORGANIC CARBON	43,800	100	
Percent Moisture (percent)			
SOLIDS, PERCENT	15.4		
Miscellaneous			
ACID VOLATILE SULFIDE	4.7L0	1	J
CADMIUM	.2	.032	J
COPPER	36.6	.29	
LEAD	28.4	.22	
MERCURY	.01	.01	UJ
NICKEL	33.6	.24	J
SOIL PH (STD. UNITS)	7.8		
ZINC	135	.32	J

Notes: Detected concentrations are shaded.

µg/kg = Micrograms per kilogram, mg/kg = Milligrams per kilogram

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier, TOC = Total Organic Carbon

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

05/21/99

Table E-2

Analytical Results for Surface Water

Otter Sluice

Point ID	OSLSL001			OSLSL002			OSLSL003			OSLSL004			OSLSL005			OSLSL006			OSLSL007			OSLSL008		
Sample ID	217OSLSW010			217OSLSW011			217OSLSW012			217OSLSW013			217OSLSW014			217OSLSW015			217OSLSW016			217OSLSW017		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	06/15/98			06/15/98			06/17/98			06/17/98			06/17/98			06/16/98			06/16/98			06/29/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
1,2,4-TRICHLOROBENZENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
1,2-DICHLOROBENZENE	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U
1,3-DICHLOROBENZENE	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U
1,4-DICHLOROBENZENE	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
2,4,5-TRICHLOROPHENOL	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	25	25	U
2,4,6-TRICHLOROPHENOL	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
2,4-DICHLOROPHENOL	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
2,4-DIMETHYLPHENOL	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
2,4-DINITROPHENOL	26	26	UJ	26	26	UJ	26	26	UJ	26	26	UJ	26	26	UJ	26	26	UJ	26	26	UJ	25	25	U
2,4-DINITROTOLUENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
2,6-DINITROTOLUENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
2-CHLORONAPHTHALENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
2-CHLOROPHENOL	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
2-METHYLNAPHTHALENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
2-METHYLPHENOL	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
2-NITROANILINE	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	25	25	U
2-NITROPHENOL	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
3,3'-DICHLOROBENZIDINE	10	10	U	10	10	U	10	10	U	10	10	UJ	10	10	U	10	10	U	10	10	U	10	10	U
3-NITROANILINE	26	26	U	26	26	U	26	26	U	26	26	UJ	26	26	U	26	26	U	26	26	U	25	25	U
4,6-DINITRO-2-METHYLPHENOL	26	26	UJ	26	26	UJ	26	26	UJ	26	26	UJ	26	26	UJ	26	26	UJ	26	26	UJ	25	25	U
4-BROMOPHENYL-PHENYLETHER	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
4-CHLORO-3-METHYLPHENOL	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
4-CHLOROANILINE	10	10	U	10	10	U	10	10	U	10	10	UJ	10	10	U	10	10	U	10	10	U	10	10	U
4-CHLOROPHENYL-PHENYLETHER	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
4-METHYLPHENOL	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
4-NITROANILINE	26	26	U	26	26	U	26	26	U	26	26	UJ	26	26	U	26	26	U	26	26	U	25	25	U
4-NITROPHENOL	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	25	25	UJ
ACENAPHTHENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
ACENAPHTHYLENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
ANTHRACENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
BENZO(A)ANTHRACENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
BENZO(A)PYRENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
BENZO(B)FLUORANTHENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-2

Analytical Results for Surface Water

Otter Sluice

Point ID	OSLSL001			OSLSL002			OSLSL003			OSLSL004			OSLSL005			OSLSL006			OSLSL007			OSLSL008		
Sample ID	217OSLSW010			217OSLSW011			217OSLSW012			217OSLSW013			217OSLSW014			217OSLSW015			217OSLSW016			217OSLSW017		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	06/15/98			06/15/98			06/17/98			06/17/98			06/17/98			06/16/98			06/16/98			06/29/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Semivolatiles (in µg/L)																								
BENZO(G,H,I)PERYLENE	10	10	U	10	10	U	10	10	U	10	10	UJ	10	10	U	10	10	U	10	10	U	10	10	U
BENZO(K)FLUORANTHENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
BIS(2-CHLOROETHOXY)METHANE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
BIS(2-CHLOROETHYL)ETHER	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	4	4	UJ	4	4	U	4	4	UJ	4	4	U	29	4		4	4	U	4	4	UJ	4	4	U
BUTYLBENZYLPHTHALATE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
CARBAZOLE	10	10	U	10	10	U	10	10	U	10	10	UJ	10	10	U	10	10	U	10	10	U	10	10	U
CHRYSENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
DI-N-BUTYLPHTHALATE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
DI-N-OCTYLPHTHALATE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
DIBENZ(A,H)ANTHRACENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
DIBENZOFURAN	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
DIETHYLPHTHALATE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
DIMETHYLPHTHALATE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
FLUORANTHENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
FLUORENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
HEXACHLOROBENZENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
HEXACHLOROBUTADIENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
HEXACHLOROCYCLOPENTADIENE	10	10	UJ	10	10	UJ	10	10	UJ	10	10	UJ	10	10	UJ	10	10	UJ	10	10	UJ	10	10	UJ
HEXACHLOROETHANE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
INDENO(1,2,3-CD)PYRENE	10	10	U	10	10	U	10	10	U	10	10	UJ	10	10	U	10	10	U	10	10	U	10	10	U
ISOPHORONE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
N-NITROSO-DI-N-PROPYLAMINE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
N-NITROSODIPHENYLAMINE (1)	10	10	U	10	10	U	10	10	U	10	10	UJ	10	10	U	10	10	U	10	10	U	10	10	U
NAPHTHALENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
NITROBENZENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
PENTACHLOROPHENOL	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	26	26	U	25	25	U
PHENANTHRENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
PHENOL	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
PYRENE	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U	10	10	U
TOTAL PAHS			U			U			U			U			U			U			U		
Low Level Pesticides/PCBs (in µg/L)																								
4,4'-DDD	NA			NA			NA			NA			NA			NA			NA			0.1	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-2

Analytical Results for Surface Water

Otter Sluice

Point ID	OSLSL001			OSLSL002			OSLSL003			OSLSL004			OSLSL005			OSLSL006			OSLSL007			OSLSL008		
Sample ID	217OSLSW010			217OSLSW011			217OSLSW012			217OSLSW013			217OSLSW014			217OSLSW015			217OSLSW016			217OSLSW017		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	06/15/98			06/15/98			06/17/98			06/17/98			06/17/98			06/16/98			06/16/98			06/29/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/L)																								
4,4'-DDE	NA			NA			NA			NA			NA			NA			NA			0.1	0.1	U
4,4'-DDT	NA			NA			NA			NA			NA			NA			NA			0.1	0.1	U
ALDRIN	NA			NA			NA			NA			NA			NA			NA			0.05	0.05	U
ALPHA-BHC	NA			NA			NA			NA			NA			NA			NA			0.05	0.05	U
ALPHA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			0.05	0.05	U
AROCLOR-1016	NA			NA			NA			NA			NA			NA			NA			0.5	0.5	U
AROCLOR-1221	NA			NA			NA			NA			NA			NA			NA			1	1	U
AROCLOR-1232	NA			NA			NA			NA			NA			NA			NA			0.5	0.5	U
AROCLOR-1242	NA			NA			NA			NA			NA			NA			NA			0.5	0.5	U
AROCLOR-1248	NA			NA			NA			NA			NA			NA			NA			0.5	0.5	U
AROCLOR-1254	NA			NA			NA			NA			NA			NA			NA			0.5	0.5	U
AROCLOR-1260	NA			NA			NA			NA			NA			NA			NA			0.5	0.5	U
BETA-BHC	NA			NA			NA			NA			NA			NA			NA			0.05	0.05	U
DELTA-BHC	NA			NA			NA			NA			NA			NA			NA			0.05	0.05	U
DIELDRIN	NA			NA			NA			NA			NA			NA			NA			0.1	0.1	U
ENDOSULFAN I	NA			NA			NA			NA			NA			NA			NA			0.05	0.05	U
ENDOSULFAN II	NA			NA			NA			NA			NA			NA			NA			0.1	0.1	U
ENDOSULFAN SULFATE	NA			NA			NA			NA			NA			NA			NA			0.1	0.1	U
ENDRIN	NA			NA			NA			NA			NA			NA			NA			0.1	0.1	U
ENDRIN ALDEHYDE	NA			NA			NA			NA			NA			NA			NA			0.1	0.1	U
ENDRIN KETONE	NA			NA			NA			NA			NA			NA			NA			0.05	0.05	U
GAMMA-BHC (LINDANE)	NA			NA			NA			NA			NA			NA			NA			0.05	0.05	U
GAMMA-CHLORDANE	NA			NA			NA			NA			NA			NA			NA			0.05	0.05	U
HEPTACHLOR	NA			NA			NA			NA			NA			NA			NA			0.01	0.01	U
HEPTACHLOR EPOXIDE	NA			NA			NA			NA			NA			NA			NA			0.5	0.5	U
METHOXYCHLOR	NA			NA			NA			NA			NA			NA			NA			3	3	U
TOXAPHENE	NA			NA			NA			NA			NA			NA			NA					
Pesticides/PCBs (in µg/L)																								
4,4'-DDD	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	NA		
4,4'-DDE	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	NA		
4,4'-DDT	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	NA		
ALDRIN	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	NA		
ALPHA-BHC	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	NA		
ALPHA-CHLORDANE	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-2

Analytical Results for Surface Water

Otter Sluice

Point ID	OSLSL001			OSLSL002			OSLSL003			OSLSL004			OSLSL005			OSLSL006			OSLSL007			OSLSL008		
Sample ID	2170SLSW010			2170SLSW011			2170SLSW012			2170SLSW013			2170SLSW014			2170SLSW015			2170SLSW016			2170SLSW017		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	06/15/98			06/15/98			06/17/98			06/17/98			06/17/98			06/16/98			06/16/98			06/29/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Pesticides/PCBs (in µg/L)																								
AROCLOR-1016	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	NA		
AROCLOR-1221	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	NA		
AROCLOR-1232	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	NA		
AROCLOR-1242	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	NA		
AROCLOR-1248	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	NA		
AROCLOR-1254	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	NA		
AROCLOR-1260	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	NA		
BETA-BHC	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	NA		
DELTA-BHC	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	NA		
DIELDRIN	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	NA		
ENDOSULFAN I	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	NA		
ENDOSULFAN II	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	NA		
ENDOSULFAN SULFATE	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	NA		
ENDRIN	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	NA		
ENDRIN ALDEHYDE	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	NA		
ENDRIN KETONE	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U	NA		
GAMMA-BHC (LINDANE)	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	NA		
GAMMA-CHLORDANE	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	NA		
HEPTACHLOR	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U	0.02	0.02	UJ	NA		
HEPTACHLOR EPOXIDE	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U	NA		
METHOXYCHLOR	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	NA		
TOXAPHENE	3	3	U	3	3	U	3	3	U	3	3	U	3	3	U	3	3	U	3	3	U	NA		
Total Metals (in µg/L)																								
ALUMINUM	623	1.6		774	1.6		1,020	1.6		853	1.6		943	1.6		863	1.6		772	1.6		785	44.4	
ANTIMONY	1.0	1.0	U	1.0	1.0	U	1.0	1.0	U	1.0	1.0	J	1.0	1.0	U	1.0	1.0	U	1.0	1.0	U	3.7	3.7	U
ARSENIC	2.4	0.70		2.7	0.70		2.4	0.70	J	2.0	0.70	J	2.2	0.70		3.7	0.70		2.6	0.70		4.9	4.9	U
BARIUM	17.7	0.40	J	20.3	0.40	J	22.5	0.40	J	21.4	0.40	J	19.4	0.40	J	22.2	0.40	J	23.6	0.40	J	24.2	9.9	J
BERYLLIUM	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.40	0.40	U
CADMIUM	0.060	0.060	U	0.060	0.060	U	0.060	0.060	U	0.060	0.060	U	0.21	0.21	UJ	0.060	0.060	U	0.18	0.18	UJ	0.40	0.40	U
CALCIUM	11,800	38.0		12,800	38.0		11,200	38.0		12,500	38.0		12,500	38.0		14,300	38.0		11,400	38.0		25,100	213	
CHROMIUM	1.7	1.7	UJ	2.1	2.1	UJ	2.7	2.7	UJ	2.1	2.1	UJ	1.6	1.6	UJ	1.7	1.7	UJ	2.4	2.4	UJ	2.6	1.2	J
COBALT	0.28	0.28	U	0.35	0.30	J	0.33	0.30	J	0.28	0.28	U	0.30	0.30	J	0.33	0.30	J	0.40	0.30	J	2.2	2.2	U
COPPER	3.0	0.20	J	3.2	0.20	J	3.5	0.20	J	3.2	0.20	J	2.9	0.20	J	2.9	0.20	J	3.6	0.20	J	3.7	3.7	U
IRON	973	3.6		1,360	3.6		1,570	3.6		1,340	3.6		1,110	3.6		1,320	3.6		1,430	3.6		1,510	34.5	

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-2

Analytical Results for Surface Water

Otter Sluice

Point ID	OSLSL001			OSLSL002			OSLSL003			OSLSL004			OSLSL005			OSLSL006			OSLSL007			OSLSL008		
Sample ID	217OSLSW010			217OSLSW011			217OSLSW012			217OSLSW013			217OSLSW014			217OSLSW015			217OSLSW016			217OSLSW017		
Matrix	SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER			SWATER		
Sample Date	06/15/98			06/15/98			06/17/98			06/17/98			06/17/98			06/16/98			06/16/98			06/29/98		
Sample Depth (in feet)	0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00			0.00 - 0.00		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in µg/L)																								
LEAD	0.47	0.47	UJ	0.66	0.66	UJ	0.53	0.53	UJ	0.36	0.36	U	0.65	0.65	UJ	0.50	0.50	UJ	0.97	0.97	UJ	2.8	2.8	U
MAGNESIUM	9,940	39.4		12,200	39.4		11,800	39.4		9,650	39.4		12,900	39.4		14,200	39.4		9,470	39.4		18,300	210	
MANGANESE	37.4	0.20		68.6	0.20		45.7	0.20		37.8	0.20		59.3	0.20		91.9	0.20		227	0.20		76.6	0.80	
MERCURY	0.10	0.10	U	0.10	0.10	U	0.10	0.10	U	0.10	0.10	U	0.10	0.10	U	0.10	0.10	U	0.10	0.10	U	0.10	0.10	U
MOLYBDENUM	0.45	0.30	J	0.47	0.30	J	0.47	0.30	J	0.38	0.30	U	0.84	0.30	J	0.69	0.30	J	0.42	0.30	J	2.1	2.1	U
NICKEL	2.6	0.30	J	2.9	0.30	J	3.6	0.30	J	3.2	0.30	J	2.7	0.30	J	2.5	0.30	J	4.4	0.30	J	4.4	3.1	J
POTASSIUM	3,150	44.4	J	4,940	44.4	J	4,470	44.4	J	3,280	44.4	J	4,660	44.4	J	5,620	44.4	J	3,350	44.4	J	5,330	216	
SELENIUM	0.62	0.62	U	0.62	0.62	U	0.62	0.62	U	0.78	0.60	J	0.62	0.62	U	0.77	0.60	J	1.0	0.60		4.9	4.9	U
SILVER	0.25	0.25	U	0.25	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	1.5	1.5	U
SODIUM	44,000	1,680		78,800	1,680		72,700	1,680		47,600	1,680		74,800	1,680		92,800	1,680		88,200	1,680		165,000	4,370	
THALLIUM	1.3	1.3	U	1.3	1.3	U	1.5	1.5	UJ	1.8	1.8	UJ	1.3	1.3	U	1.3	1.3	U	1.3	1.9	UJ	1.9	1.9	UJ
VANADIUM	4.7	0.30	J	5.0	0.30	J	6.1	0.30	J	5.4	0.30	J	4.4	0.30	J	4.8	0.30	J	6.3	0.30	J	5.4	3.5	J
ZINC	5.6	5.6	UJ	5.4	5.4	UJ	6.4	6.4	UJ	4.3	4.3	UJ	12.5	12.5	UJ	4.4	4.4	UJ	33.4	33.4	UJ	7.1	4.1	J

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-2

Analytical Results for Surface Water

Otter Sluice

Point ID	OSLSL009		
Sample ID	217OSLSW018		
Matrix	SWATER		
Sample Date	06/29/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/L)			
1,2,4-TRICHLOROBENZENE	10	10	U
1,2-DICHLOROBENZENE	5	5	U
1,3-DICHLOROBENZENE	5	5	U
1,4-DICHLOROBENZENE	5	5	U
2,2'-OXYBIS(1-CHLOROPROPANE)	10	10	U
2,4,5-TRICHLOROPHENOL	26	26	U
2,4,6-TRICHLOROPHENOL	10	10	U
2,4-DICHLOROPHENOL	10	10	U
2,4-DIMETHYLPHENOL	10	10	U
2,4-DINITROPHENOL	26	26	U
2,4-DINITROTOLUENE	10	10	U
2,6-DINITROTOLUENE	10	10	U
2-CHLORONAPHTHALENE	10	10	U
2-CHLOROPHENOL	10	10	U
2-METHYLNAPHTHALENE	10	10	U
2-METHYLPHENOL	10	10	U
2-NITROANILINE	26	26	U
2-NITROPHENOL	10	10	U
3,3'-DICHLOROBENZIDINE	10	10	U
3-NITROANILINE	26	26	U
4,6-DINITRO-2-METHYLPHENOL	26	26	U
4-BROMOPHENYL-PHENYLETHER	10	10	U
4-CHLORO-3-MSTHYLPHENOL	10	10	U
4-CHLOROANILINE	10	10	U
4-CHLOROPHENYL-PHENYLETHER	10	10	U
4-METHYLPHENOL	10	10	U
4-NITROANILINE	26	26	U
4-NITROPHENOL	26	26	UJ
ACENAPHTHENE	10	10	U
ACENAPHTHYLENE	10	10	U
ANTHRACENE	10	10	U
BENZO(A)ANTHRACENE	10	10	U
BENZO(A)PYRENE	10	10	U
BENZO(B)FLUORANTHENE	10	10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-2

Analytical Results for Surface Water

Otter Sluice

Point ID	OSLSL009		
Sample ID	217OSLSW018		
Matrix	SWATER		
Sample Date	06/29/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Semivolatiles (in µg/L)			
BENZO(G,H,I)PERYLENE	10	10	U
BENZO(K)FLUORANTHENE	10	10	U
BIS(2-CHLOROETHOXY)METHANE	10	10	U
BIS(2-CHLOROETHYL)ETHER	10	10	U
BIS(2-ETHYLHEXYL)PHTHALATE	4	4	U
BUTYLBENZYLPHTHALATE	10	10	U
CARBAZOLE	10	10	U
CHRYSENE	10	10	U
DI-N-BUTYLPHTHALATE	10	10	U
DI-N-OCTYLPHTHALATE	10	10	U
DIBENZ(A,H)ANTHRACENE	10	10	U
DIBENZOFURAN	10	10	U
DIETHYLPHTHALATE	10	10	U
DIMETHYLPHTHALATE	10	10	U
FLUORANTHENE	10	10	U
FLUORENE	10	10	U
HEXACHLOROBENZENE	10	10	U
HEXACHLOROBUTADIENE	10	10	U
HEXACHLOROCYCLOPENTADIENE	10	10	UJ
HEXACHLOROETHANE	10	10	U
INDENO(1,2,3-CD)PYRENE	10	10	U
ISOPHORONE	10	10	U
N-NITROSO-DI-N-PROPYLAMINE	10	10	U
N-NITROSODIPHENYLAMINE (1)	10	10	U
NAPHTHALENE	10	10	U
NITROBENZENE	10	10	U
PENTACHLOROPHENOL	26	26	U
PHENANTHRENE	10	10	U
PHENOL	10	10	U
PYRENE	10	10	U
TOTAL PAHS			U
Low Level Pesticides/PCBs (in µg/L)			
4,4'-DDD	0.1	0.1	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-2

Analytical Results for Surface Water

Otter Sluice

Point ID	OSLSL009		
Sample ID	217OSLSW018		
Matrix	SWATER		
Sample Date	06/29/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Low Level Pesticides/PCBs (in µg/L)			
4,4'-DDE	0.1	0.1	U
4,4'-DDT	0.1	0.1	U
ALDRIN	0.05	0.05	U
ALPHA-BHC	0.05	0.05	U
ALPHA-CHLORDANE	0.05	0.05	U
AROCLOR-1016	0.5	0.5	U
AROCLOR-1221	1	1	U
AROCLOR-1232	0.5	0.5	U
AROCLOR-1242	0.5	0.5	U
AROCLOR-1248	0.5	0.5	U
AROCLOR-1254	0.5	0.5	U
AROCLOR-1260	0.5	0.5	U
BETA-BHC	0.05	0.05	U
DELTA-BHC	0.05	0.05	U
DIELDRIN	0.1	0.1	U
ENDOSULFAN I	0.05	0.05	U
ENDOSULFAN II	0.1	0.1	U
ENDOSULFAN SULFATE	0.1	0.1	U
ENDRIN	0.1	0.1	U
ENDRIN ALDEHYDE	0.1	0.1	U
ENDRIN KETONE	0.1	0.1	U
GAMMA-BHC (LINDANE)	0.05	0.05	U
GAMMA-CHLORDANE	0.05	0.05	U
HEPTACHLOR	0.01	0.01	U
HEPTACHLOR EPOXIDE	0.01	0.01	U
METHOXYCHLOR	0.5	0.5	U
TOXAPHENE	3	3	U
Pesticides/PCBs (in µg/L)			
4,4'-DDD	NA		
4,4'-DDE	NA		
4,4'-DDT	NA		
ALDRIN	NA		
ALPHA-BHC	NA		
ALPHA-CHLORDANE	NA		

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-2

Analytical Results for Surface Water

Otter Sluice

Point ID	OSLSL009		
Sample ID	2170SLSW018		
Matrix	SWATER		
Sample Date	06/29/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	**Det. Lim.**	**Qual.**
Pesticides/PCBs (in µg/L)			
AROCLOR-1016	NA		
AROCLOR-1221	NA		
AROCLOR-1232	NA		
AROCLOR-1242	NA		
AROCLOR-1248	NA		
AROCLOR-1254	NA		
AROCLOR-1260	NA		
BETA-BHC	NA		
DELTA-BHC	NA		
DIELDRIN	NA		
ENDOSULFAN I	NA		
ENDOSULFAN II	NA		
ENDOSULFAN SULFATE	NA		
ENDRIN	NA		
ENDRIN ALDEHYDE	NA		
ENDRIN KETONE	NA		
GAMMA-BHC (LINDANE)	NA		
GAMMA-CHLORDANE	NA		
HEPTACHLOR	NA		
HEPTACHLOR EPOXIDE	NA		
METHOXYCHLOR	NA		
TOXAPHENE	NA		
Total Metals (in µg/L)			
ALUMINUM	1,140	44.4	
ANTIMONY	3.7	3.7	U
ARSENIC	4.9	4.9	U
BARIUM	1,150	9.9	
BERYLLIUM	0.40	0.40	U
CADMIUM	0.40	0.40	U
CALCIUM	17,000	213	
CHROMIUM	1.4	1.2	J
COBALT	2.2	2.2	U
COPPER	5.6	3.7	J
IRON	2,120	34.5	

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-2

Analytical Results for Surface Water

Otter Sluice

Point ID	OSLSL009		
Sample ID	2170SLSW018		
Matrix	SWATER		
Sample Date	06/29/98		
Sample Depth (in feet)	0.00 - 0.00		
	Result	Det. Lim.	Qual.
Total Metals (in µg/L)			
LEAD	2.8	2.8	U
MAGNESIUM	18,900	210	
MANGANESE	179	0.80	
MERCURY	0.10	0.10	U
MOLYBDENUM	2.1	2.1	U
NICKEL	5.2	3.1	J
POTASSIUM	6,190	216	
SELENIUM	4.9	4.9	U
SILVER	1.5	1.5	U
SODIUM	133,000	4,370	
THALLIUM	1.8	1.8	UJ
VANADIUM	5.4	3.5	J
ZINC	439	4.1	

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-3

Analytical Results for Tissue

Otter Sluice

Point ID	OSLSL002			OSLSL002			OSLSL004			OSLSL004			OSLSL005			OSLSL005			OSLSL006			OSLSL006		
Sample ID	2170SLTI019			2170SLTI024			2170SLTI020			2170SLTI025			2170SLTI021			2170SLTI026			2170SLTI022			2170SLTI027		
Matrix	FHTISSUE			CLTISSUE			FHTISSUE			CLTISSUE			FHTISSUE			CLTISSUE			FHTISSUE			CLTISSUE		
Sample Date	06/24/98			06/24/98			06/24/98			06/24/98			06/22/98			06/25/98			06/22/98			06/25/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/wipe)																								
2,4'-DDD	2	2	UJ	0.7	1	J	1	1	U	0.7	1	J	1	1	UJ	1	1	UJ	1	1	U	1	1	U
2,4'-DDE	1	1	U	0.6	0.6	U	0.6	0.6	U	0.6	0.6	UJ	0.6	0.6	UJ	0.6	0.6	U	0.5	0.6	UJ	0.6	0.6	UJ
2,4'-DDT	0.8	0.8	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	UJ	0.4	0.4	UJ	0.4	0.4	U	2	0.4	J	0.4	0.4	UJ
4,4'-DDD	3	3		2	1		2	2		2	1	J	2	1	J	1	1	UJ	1	1		1	1	
4,4'-DDE	11	11		5	5	J	8	5	J	5	5	J	7	5	J	3	5	J	6	5	J	5	5	UJ
4,4'-DDT	0.7	0.7	U	1	1	UJ	0.4	0.4	U	0.6	0.4	J	0.4	0.4	UJ	0.4	0.4	U	0.4	0.4	U	0.8	0.8	UJ
ALDRIN	0.5	0.5	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
ALPHA-BHC	1	1	UJ	0.5	0.5	UJ	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
ALPHA-CHLORDANE	2	2	U	1	0.7		2	2	U	1	0.7		1	1	U	0.7	0.7		0.7	0.7	UJ	0.7	0.7	U
BETA-BHC	0.5	0.5	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U
CIS-NONACHLOR	6	6	U	3	3	UJ	3	3	UJ	3	3		3	3	UJ	3	3	U	3	3	UJ	3	3	U
DIELDRIN	0.5	0.5	U	0.3	0.3	U	2	0.3		3.6	0.3		1	0.3	J	0.3	0.3	U	4	0.3		0.3	0.3	U
ENDOSULFAN I	0.4	0.4	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	UJ	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
ENDOSULFAN II	3	3	U	2	2	U	2	2	U	2	2	U	2	2	UJ	2	2	U	2	2	U	2	2	U
ENDOSULFAN SULFATE	0.5	0.5	UJ	0.3	0.3	UJ	0.3	0.3	UJ	0.3	0.3	UJ	0.3	0.3	UJ	0.3	0.3	UJ	0.3	0.3	UJ	0.3	0.3	UJ
ENDRIN	0.4	0.4	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
ENDRIN ALDEHYDE	0.4	0.4	UJ	0.2	0.2	UJ	0.4	0.2	J	0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ
ENDRIN KETONE	0.7	0.7	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	UJ	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U
GAMMA-BHC (LINDANE)	0.4	0.4	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	J	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
GAMMA-CHLORDANE	0.8	0.8	U	0.3	0.4	J	0.4	0.4	U	0.4	0.4	UJ	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U
HEPTACHLOR	0.6	0.6	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	UJ	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U
HEPTACHLOR EPOXIDE	0.4	0.4	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	UJ	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
HEXACHLOROBENZENE	0.7	0.7	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	1	0.7	J	2	0.7	UJ	0.4	0.4	U	0.4	0.4	U
METHOXYCHLOR	2	2	J	2	0.7	J	2	0.7	J	1	0.7	J	1	0.7	J	1	0.7	J	1	0.7	J	3	0.7	J
MIREX	0.7	0.7	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	UJ	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U
OXYCHLORDANE	0.8	0.8	UJ	0.4	0.4	U	0.4	0.4	UJ	0.4	0.4	UJ	0.4	0.4	UJ	0.4	0.4	U	0.4	0.4	J	0.4	0.4	U
PCB-101 (2,2',3,5,5')	5	5	UJ	2	2	U	2	2	UJ	2	2	UJ	2	2	UJ	2	2	U	2	2	U	2	2	U
PCB-105 (2,3,3',4,4')	1	1	U	0.5	0.5	U	0.8	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
PCB-114 (2,3,4,4',5)	0.8	0.8	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U
PCB-118 (2,3',4,4',5)	3	3	UJ	1	2	J	2	2	UJ	2	2	UJ	2	2	UJ	2	2	UJ	2	2	UJ	2	2	UJ
PCB-123 (2',3,4,4',5)	2	2	U	0.8	0.8	U	0.8	0.8	U	0.8	0.8	U	0.8	0.8	U	0.8	0.8	U	0.8	0.8	U	0.8	0.8	U
PCB-126 (3,3',4,4',5)	1	1	U	0.6	0.6	U	0.6	0.6	U	0.6	0.6	U	0.6	0.6	U	0.6	0.6	U	0.6	0.6	U	0.6	0.6	U
PCB-128 (2,2',3,3',4,4')	0.7	0.7	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U
PCB-138 (2,2',3,4,4',5')	3	6	J	2	3	J	3	3	J	3	3	J	2	3	J	3	3	J	2	3	J	2	3	J
PCB-153 (2,2',4,4',5,5')	5	5	UJ	3	3	J	3	3	J	3	3	J	2	3	J	4	3	J	2	3	J	2	3	J
PCB-156 (2,3,3',4,4',5)	0.4	0.4	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-3

Analytical Results for Tissue

Otter Sluice

Point ID	OSLSL002			OSLSL002			OSLSL004			OSLSL004			OSLSL005			OSLSL005			OSLSL006			OSLSL006		
Sample ID	2170SLTI019			2170SLTI024			2170SLTI020			2170SLTI025			2170SLTI021			2170SLTI026			2170SLTI022			2170SLTI027		
Matrix	FHTISSUE			CLTISSUE			FHTISSUE			CLTISSUE			FHTISSUE			CLTISSUE			FHTISSUE			CLTISSUE		
Sample Date	06/24/98			06/24/98			06/24/98			06/24/98			06/22/98			06/25/98			06/22/98			06/25/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in pg/wipe)																								
PCB-157 (2,3,3',4,4',5')	0.8	0.8	UJ	0.4	0.4	UJ	0.4	0.4	UJ	0.4	0.4	UJ	0.4	0.4	UJ	0.4	0.4	UJ	0.4	0.4	UJ	0.4	0.4	UJ
PCB-167 (2,3',4,4',5,5')	2	2	U	0.9	0.9	UJ	0.9	0.9	UJ	0.9	0.9	U	0.9	0.9	UJ	0.9	0.9	U	0.9	0.9	U	0.9	0.9	U
PCB-169 (3,3',4,4',5,5')	0.5	0.5	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	UJ	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
PCB-170 (2,2',3,3',4,4',5)	2	2	U	0.8	0.8	U	0.8	0.8	UJ	0.8	0.8	U	0.8	0.8	UJ	0.8	0.8	U	0.8	0.8	UJ	0.8	0.8	U
PCB-18 (2,2',5)	2	2	U	1	1	U	1	1	U	1	1	U	1	1	UJ	1	1	U	1	1	U	1	1	U
PCB-180 (2,3',3,4,4',5,5')	1	1		0.5	0.6	J	1	0.6		0.5	0.6	J	0.3	0.6	J	0.4	0.6	J	0.7	0.6		0.6	0.6	U
PCB-187 (2,2',3,4',5,5',6)	1	2	J	0.5	1	J	0.7	1	J	0.5	1	J	1	1	UJ	1	1	UJ	0.5	1	J	1	1	U
PCB-189 (2,3,3',4,4',5,5')	0.5	0.5	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	UJ	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
PCB-195 (2,2',3,3',4,4',5,6)	0.5	0.5	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	UJ	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
PCB-206 (2,2',3,3',4,4',5,5',6	0.6	0.6	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	UJ	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U
PCB-209 (2,2',3,3',4,4',5,5',6	1	1	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	UJ	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
PCB-28 (2,4,4')	0.5	0.5	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2		0.2	0.2	UJ	0.2	0.2	U	0.2	0.2	UJ	0.2	0.2	U
PCB-44 (2,2',3,5')	2	2	U	0.8	0.8	U	0.4	0.8	J	0.8	0.8	U	0.8	0.8	UJ	0.8	0.8	U	0.8	0.8	U	0.8	0.8	U
PCB-52 (2,2',5,5')	0.9	0.9	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U	0.4	0.4	UJ	0.4	0.4	U	0.4	0.4	U	0.4	0.4	U
PCB-66 (2,3',4,4')	1	1	U	0.6	0.6	U	0.6	0.6	U	0.6	0.6	U	0.6	0.6	UJ	0.6	0.6	U	0.6	0.6	U	0.6	0.6	U
PCB-77 (3,3',4,4')	0.9	0.9	UJ	0.4	0.4	UJ	0.4	0.4	U	0.4	0.4	U	0.4	0.4	UJ	0.4	0.4	UJ	0.4	0.4	U	0.4	0.4	U
PCB-8 (2,4')	1	1	U	0.7	0.7	U	0.7	0.7	U	0.7	0.7	UJ	0.7	0.7	UJ	0.7	0.7	U	0.7	0.7	U	0.7	0.7	U
TOXAPHENE	200	200	U	100	100	U	100	100	U	100	100	U	100	100	UJ	100	100	U	99	99	U	100	100	U
TRANS-NONACELOR	4	1	J	0.8	0.7		3	0.7	J	0.7	0.7	UJ	2	0.7	J	0.6	0.7	J	2	0.6		0.7	0.7	U
Total Metals (in µg/wipe)																								
ALUMINUM	26.3	2.2		138	2.0		29.4	2.0		147	2.1		14.2	2.2		49.4	2.2		53.9	2.2		109	2.2	
ANTIMONY	0.18	0.18	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.23	0.18	J	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U
ARSENIC	0.24	0.24	U	0.61	0.22		0.22	0.22	U	0.52	0.23		0.24	0.24	U	0.45	0.24	J	0.24	0.24	U	0.52	0.24	
BARIUM	2.9	0.49	J	2.1	0.45	J	2.3	0.45	J	2.2	0.46	J	2.3	0.48	J	1.6	0.49	J	4.0	0.49	J	1.3	0.49	J
BERYLLIUM	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U
CADMIUM	0.020	0.020	U	0.10	0.018	J	0.020	0.020	U	0.11	0.019	J	0.020	0.020	U	0.090	0.020	J	0.020	0.020	U	0.090	0.020	J
CALCIUM	6,680	10.4		1,740	9.8		4,630	9.7		891	9.9		8,350	10.3		671	10.5		5,180	10.6		720	10.6	
CHROMIUM	0.17	0.059	J	0.56	0.055		0.14	0.055	J	0.51	0.056		0.87	0.058	J	0.29	0.060	J	0.26	0.060	J	0.38	0.060	J
COBALT	0.11	0.11	U	0.16	0.10	J	0.10	0.10	U	0.18	0.10	J	0.11	0.11	U	0.14	0.11	J	0.11	0.11	U	0.15	0.11	J
COPPER	3.4	0.18	J	5.6	0.17		0.77	0.17	J	5.6	0.17		2.2	0.18		4.0	0.18		1.1	0.18	J	4.4	0.18	
IRON	43.3	1.7		375	1.6		56.7	1.6		375	1.6		38.2	1.7		150	1.7		82.6	1.7		253	1.7	
LEAD	0.14	0.14	U	0.46	0.13		0.13	0.13	U	0.28	0.13		0.14	0.14	U	0.14	0.14	U	0.14	0.14	U	0.21	0.14	
MAGNESIUM	197	10.3	J	241	9.6	J	177	9.6	J	166	9.8	J	237	10.2	J	114	10.4	J	235	10.4	J	132	10.4	J
MANGANESE	3.5	0.039		8.3	0.037		1.7	0.037		4.3	0.037		5.9	0.039		2.5	0.040		7.1	0.040		4.3	0.040	
MERCURY	0.070	0.012		0.080	0.012		0.040	0.012		0.030	0.012		0.10	0.012		0.030	0.010		0.040	0.012		0.030	0.012	
MOLYBDENUM	0.10	0.10	U	0.12	0.096	J	0.10	0.10	U	0.17	0.098	J	0.10	0.10	U	0.15	0.10	J	0.10	0.10	U	0.10	0.10	U

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

05/21/99

Table E-3

Analytical Results for Tissue

Otter Sluice

Point ID	OSLSL002			OSLSL002			OSLSL004			OSLSL004			OSLSL005			OSLSL005			OSLSL006			OSLSL006		
Sample ID	2170SLTI019			2170SLTI024			2170SLTI020			2170SLTI025			2170SLTI021			2170SLTI026			2170SLTI022			2170SLTI027		
Matrix	FHTISSUE			CLTISSUE			FHTISSUE			CLTISSUE			FHTISSUE			CLTISSUE			FHTISSUE			CLTISSUE		
Sample Date	06/24/98			06/24/98			06/24/98			06/24/98			06/22/98			06/25/98			06/22/98			06/25/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in µg/wipe)																								
NICKEL	0.15	0.15	U	0.48	0.14	J	0.14	0.14	U	0.45	0.14	J	0.15	0.15	U	0.24	0.15	J	0.15	0.15	U	0.42	0.15	J
POTASSIUM	848	17.9		368	16.7		748	16.7		333	17.0		372	17.7		311	18.1		287	18.2		305	18.2	
SELENIUM	0.49	0.19		0.58	0.17		0.52	0.17		0.49	0.18		0.46	0.18		0.42	0.19		0.28	0.19		0.51	0.19	
SILVER	0.070	0.070	U	0.070	0.070	U	0.070	0.070	U	0.070	0.070	U	0.070	0.070	U	0.070	0.070	U	0.070	0.070	U	0.070	0.070	U
SODIUM	280	280	UJ	263	263	UJ	242	242	UJ	264	264	UJ	326	326	UJ	283	283	UJ	188	45.5		281	281	UJ
THALLIUM	0.31	0.31	U	0.25	0.29	U	0.29	0.29	U	0.29	0.29	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U
VANADIUM	0.30	0.17	J	0.45	0.16	J	0.28	0.16	J	0.46	0.16	J	0.17	0.17	U	0.25	0.17	J	0.29	0.17	J	0.39	0.17	J
ZINC	20.4	0.20		16.4	0.19		13.1	0.19		15.8	0.19		25.6	0.20		17.7	0.20		24.6	0.20		14.3	0.20	
Dioxin (in pg/wipe)																								
1,2,3,4,6,7,8,9-OCDD	NA			NA			NA			NA			NA			NA			0.063	0.0004	J	0.062	0.0007	J
1,2,3,4,6,7,8,9-OCDF	NA			NA			NA			NA			NA			NA			0.0003	0.0003	U	0.062	0.0005	J
1,2,3,4,6,7,8-HPCDD	NA			NA			NA			NA			NA			NA			0.0067	0.0002	J	0.061	0.0004	J
1,2,3,4,6,7,8-HPCDF	NA			NA			NA			NA			NA			NA			0.0001	0.0001	U	0.061	0.0003	J
1,2,3,4,7,8,9-HPCDF	NA			NA			NA			NA			NA			NA			0.0001	0.0001	U	0.0004	0.0004	U
1,2,3,4,7,8-HXCDD	NA			NA			NA			NA			NA			NA			0.0001	0.0001	U	0.0004	0.0004	U
1,2,3,4,7,8-HXCDF	NA			NA			NA			NA			NA			NA			0.00006	0.00006	U	0.0002	0.0002	U
1,2,3,6,7,8-HXCDD	NA			NA			NA			NA			NA			NA			0.0001	0.0001	U	0.0003	0.0003	U
1,2,3,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			0.00006	0.00006	U	0.0002	0.0002	U
1,2,3,7,8,9-HXCDD	NA			NA			NA			NA			NA			NA			0.0001	0.0001	U	0.0003	0.0003	U
1,2,3,7,8,9-HXCDF	NA			NA			NA			NA			NA			NA			0.00008	0.00008	U	0.0002	0.0002	U
1,2,3,7,8-PECDD	NA			NA			NA			NA			NA			NA			0.00006	0.00006	U	0.0002	0.0002	U
1,2,3,7,8-PECDF	NA			NA			NA			NA			NA			NA			0.00004	0.00004	U	0.0002	0.0002	U
2,3,4,6,7,8-HXCDF	NA			NA			NA			NA			NA			NA			0.00007	0.00007	U	0.0002	0.0002	U
2,3,4,7,8-PECDF	NA			NA			NA			NA			NA			NA			0.00004	0.00004	U	0.0002	0.0002	U
2,3,7,8-TCDD	NA			NA			NA			NA			NA			NA			0.0002		J	0.0001	0.0001	U
2,3,7,8-TCDF	NA			NA			NA			NA			NA			NA			0.001	0.0002		0.065	0.0004	J
TOTAL HPCDD	NA			NA			NA			NA			NA			NA			0.0001	0.0001	U	0.054	0.0003	
TOTAL HPCDF	NA			NA			NA			NA			NA			NA			0.0001	0.0001	U	0.0003	0.0003	U
TOTAL HXCDD	NA			NA			NA			NA			NA			NA			0.00007	0.00007	U	0.042	0.0002	
TOTAL HXCDF	NA			NA			NA			NA			NA			NA			0.00006	0.00006	U	0.0002	0.0002	U
TOTAL PECDD	NA			NA			NA			NA			NA			NA			0.00004	0.00004	U	0.0002	0.0002	U
TOTAL PECDF	NA			NA			NA			NA			NA			NA			0.0002			0.0002	0.0002	U
TOTAL TCDD	NA			NA			NA			NA			NA			NA			0.0002			0.0001	0.0001	U
TOTAL TCDF	NA			NA			NA			NA			NA			NA								

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, NA = Not analyzed, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-3

Analytical Results for Tissue

Otter Sluice

Point ID	OSLSL007			OSLSL007		
Sample ID	2170SLTI023			2170SLTI028		
Matrix	FHTISSUE			CLTISSUE		
Sample Date	06/22/98			06/23/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in µg/wipe)						
2,4'-DDD	1	1	UJ	0.6	1	J
2,4'-DDE	0.6	0.6	U	0.6	0.6	U
2,4'-DDT	0.4	0.4	U	0.4	0.4	U
4,4'-DDD	1	1	UJ	1	1	UJ
4,4'-DDE	6	5		5	5	UJ
4,4'-DDT	0.4	0.4	U	0.4	0.4	U
ALDRIN	0.2	0.2	U	0.2	0.2	U
ALPHA-BHC	0.5	0.5	UJ	0.5	0.5	U
ALPHA-CHLORDANE	0.8	0.8	U	0.7	0.7	U
BETA-BHC	0.3	0.3	U	0.3	0.3	U
CIS-NONACHLOR	3	3	UJ	3	3	U
DIELDRIN	1	0.3	J	0.3	0.3	UJ
ENDOSULFAN I	0.2	0.2	U	0.2	0.2	U
ENDOSULFAN II	2	2	U	2	2	U
ENDOSULFAN SULFATE	0.3	0.3	UJ	0.3	0.3	UJ
ENDRIN	0.2	0.2	U	0.2	0.2	U
ENDRIN ALDEHYDE	0.4	0.2	J	0.2	0.2	UJ
ENDRIN KETONE	0.3	0.3	U	0.3	0.3	U
GAMMA-BHC (LINDANE)	0.2	0.2	U	0.2	0.2	U
GAMMA-CHLORDANE	0.4	0.4	U	0.4	0.4	U
HEPTACHLOR	0.3	0.3	U	0.3	0.3	U
HEPTACHLOR EPOXIDE	0.2	0.2	U	0.2	0.2	U
HEXACHLOROBENZENE	0.7	0.4		0.4	0.4	U
METHOXYCHLOR	1	1	U	2	0.7	
MIREX	0.4	0.4	U	0.4	0.4	U
OXYCHLORDANE	0.4	0.4	UJ	0.4	0.4	U
PCB-101 (2,2',3,5,5')	2	2	UJ	2	2	U
PCB-105 (2,3,3',4,4')	0.5	0.5	U	0.5	0.5	U
PCB-114 (2,3,4,4',5)	0.4	0.4	U	0.4	0.4	U
PCB-118 (2,3',4,4',5)	2	2	UJ	2	2	UJ
PCB-123 (2',3,4,4',5)	0.8	0.8	U	0.8	0.8	U
PCB-126 (3,3',4,4',5)	0.6	0.6	U	0.6	0.6	U
PCB-128 (2,2',3,3',4,4')	0.4	0.4	U	0.4	0.4	U
PCB-138 (2,2',3,4,4',5')	3	3	U	3	3	UJ
PCB-153 (2,2',4,4',5,5')	3	3	UJ	3	3	UJ
PCB-156 (2,3,3',4,4',5)	0.2	0.2	U	0.2	0.2	U

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ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-3

Analytical Results for Tissue

Otter Sluice

Point ID	OSLSL007			OSLSL007		
Sample ID	2170SLTI023			2170SLTI028		
Matrix	FHTISSUE			CLTISSUE		
Sample Date	06/22/98			06/23/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Low Level Pesticides/PCBs (in ng/wipe)						
PCB-157 (2,3,3',4,4',5')	0.4	0.4	UJ	0.4	0.4	UJ
PCB-167 (2,3',4,4',5,5')	0.9	0.9	UJ	0.9	0.9	UJ
PCB-169 (3,3',4,4',5,5')	0.2	0.2	U	0.2	0.2	U
PCB-170 (2,2',3,3',4,4',5)	0.8	0.8	UJ	0.8	0.8	U
PCB-18 (2,2',5)	1	1	U	1	1	U
PCB-180 (2,2',3,4,4',5,5')	0.4	0.6		0.5	0.6	J
PCB-187 (2,2',3,4',5,5',6)	0.7	1	J	1	1	U
PCB-189 (2,3,3',4,4',5,5')	0.2	0.2	U	0.2	0.2	U
PCB-195 (2,2',3,3',4,4',5,6)	0.2	0.2	U	0.2	0.2	U
PCB-206 (2,2',3,3',4,4',5,5',6	0.3	0.3	U	0.3	0.3	U
PCB-209 (2,2',3,3',4,4',5,5',6	0.5	0.5	U	0.5	0.5	U
PCB-28 (2,4,4')	0.4	0.4	U	0.2	0.2	U
PCB-44 (2,2',3,5')	0.8	0.8	U	0.8	0.8	U
PCB-52 (2,2',5,5')	0.4	0.4	U	0.4	0.4	U
PCB-66 (2,3',4,4')	0.6	0.6	UJ	0.6	0.6	U
PCB-77 (3,3',4,4')	0.4	0.4	U	0.4	0.4	U
PCB-8 (2,4')	0.7	0.7	U	0.7	0.7	U
TOXAPHENE	100	100	U	100	100	U
TRANS-NONACHLOR	2	0.7	J	0.7	0.7	UJ
Total Metals (in µg/wipe)						
ALUMINUM	26.6	2.2		71.4	2.2	
ANTIMONY	0.19	0.19	U	0.18	0.18	U
ARSENIC	0.25	0.25	U	0.32	0.24	J
BARIUM	3.4	0.50	J	2.0	0.49	J
BERYLLIUM	0.020	0.020	U	0.020	0.020	U
CADMIUM	0.020	0.020	U	0.090	0.020	J
CALCIUM	3,140	10.6		997	10.5	
CHROMIUM	0.21	0.060	J	0.29	0.059	J
COBALT	0.11	0.11	U	0.13	0.11	J
COPPER	1.9	0.18		4.4	0.18	
IRON	57.8	1.7		176	1.7	
LEAD	0.14	0.14	U	0.25	0.14	
MAGNESIUM	202	10.5	J	131	10.3	J
MANGANESE	14.3	0.040		5.6	0.039	
MERCURY	0.030	0.012		0.040	0.012	
MOLYBDENUM	0.10	0.10	U	0.14	0.10	J

Notes: Detected concentrations are shaded.

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table E-3

Analytical Results for Tissue

Otter Sluice

Point ID	OSLSL007			OSLSL007		
Sample ID	2170SLTI023			2170SLTI028		
Matrix	FHTISSUE			CLTISSUE		
Sample Date	06/22/98			06/23/98		
	Result	Det. Lim.	Qual.	Result	Det. Lim.	Qual.
Total Metals (in µg/wipe)						
NICKEL	0.15	0.15	U	0.34	0.15	J
POTASSIUM	522	18.2		317	18.0	
SELENIUM	0.37	0.19		0.48	0.19	
SILVER	0.070	0.070	U	0.070	0.070	U
SODIUM	261	261	UJ	281	281	UJ
THALLIUM	0.31	0.31	U	0.31	0.31	U
VANADIUM	0.19	0.18	J	0.27	0.17	J
ZINC	26.4	0.20		15.9	0.20	
Dioxin (in ng/wipe)						
1,2,3,4,6,7,8,9-OCDD	0.006	0.0003		0.01	0.0004	
1,2,3,4,6,7,8,9-OCDF	0.0005	0.0002	J	0.001	0.0003	J
1,2,3,4,6,7,8-HPCDD	0.002	0.0001	J	0.003	0.0002	
1,2,3,4,6,7,8-HPCDF	0.0002	0.0001	J	0.0004	0.0001	J
1,2,3,4,7,8,9-HPCDF	0.0001	0.0001	U	0.0002	0.0002	U
1,2,3,4,7,8-HXCDD	0.00008	0.00008	U	0.0002	0.0002	U
1,2,3,4,7,8-HXCDF	0.0001	0.0001	J	0.0001	0.0001	U
1,2,3,6,7,8-HXCDD	0.0001	0.0001	J	0.0002	0.0002	U
1,2,3,6,7,8-HXCDF	0.00004	0.00004	U	0.00009	0.00009	U
1,2,3,7,8,9-HXCDD	0.00007	0.00007	U	0.0002	0.0002	U
1,2,3,7,8,9-HXCDF	0.00006	0.00006	U	0.0001	0.0001	U
1,2,3,7,8-PECDD	0.0003	0.0001	J	0.0001	0.0001	U
1,2,3,7,8-PECDF	0.0001	0.00006	J	0.00007	0.00007	U
2,3,4,6,7,8-HXCDF	0.00006		U	0.0001	0.0001	U
2,3,4,7,8-PECDF	0.0002		J	0.00008	0.00008	U
2,3,7,8-TCDD	0.0001		J	0.00007	0.00007	U
2,3,7,8-TCDF	0.0001	0.0001	J	0.0005	0.0001	J
TOTAL HPCDD	0.002			0.005	0.0002	
TOTAL HPCDF	0.0007	0.0001		0.002	0.0002	
TOTAL HXCDD	0.0003	0.0001		0.002	0.0002	
TOTAL HXCDF	0.0005	0.0001		0.002	0.0001	
TOTAL PECDD	0.0001	0.0001		0.0001	0.0001	U
TOTAL PECDF	0.0005			0.001	0.0001	
TOTAL TCDD	0.0001			0.0001	0.0001	
TOTAL TCDF	0.0003			0.001	0.0001	

Notes: Detected concentrations are shaded.

µg/L = Micrograms per liter, mg/L = Milligrams per liter

ND; U = Not detected, J = Estimated value, Det. Lim. = Detection Limit, Qual. = Validation Qualifier

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

05/21/99