Table B.20-7
Area 5 - DNT Waste Drum Area Soil Pesticide Results

Area	5D		5D	
Sample ID	5D-TPS-19-S-2		5D-TPS-6-S-3	
Date Sampled	10/7/92		9/18/92	
Depth	0 to 1		0 to 1	
Pesticides (mg/kg)				
Aldrin	0.0053	U	0.0058	U
Chlordane	0.053	U	0.058	U
DDD (p,p'-Dichlorodiphenyldichloroethane)	0.011	U	0.012	U
DDE (p,p'-Dichlorodiphenyldichloroethyle)	0.011	U	0.012	U
DDT (p,p'-Dichorodiphenyltrichloroethane)	0.011	U	0.012	U
Dieldrin	0.011	U	0.012	U
Endosulfan I	0.0053	U	0.0058	U
Endosulfan II	0.011	U	0.012	U
Endosulfan Sulfate	0.011	U	0.012	U
Endrin	0.011	U	0.012	U
Endrin Ketone	0.011	U	0.012	U
Heptachlor	0.0053	U	0.0058	U
Heptachlor Epoxide	0.0053	U	0.0058	U
alpha-Hexachlorocyclohexane	0.0053	U	0.0058	U
beta-Hexachlorocyclohexane	0.0053	U	0.0058	U
delta-Hexachlorocyclohexane	0.0053	U	0.0058	U
gamma-Hexachlorocyclohexane	0.0053	U	0.0058	U
Methoxychlor	0.053	U	0.058	U
Toxaphene	0.11	U	0.12	U

Table B.20-8
Area 5 - DNT Waste Drum Area Soil PCB Results

Area	5D		5D	
Sample ID	5D-TPS-19-S-2		5D-TPS-6-S-3	
Date Sampled	10/7/92		9/18/92	
Depth	0 to 1		0 to 1	
PCBs (mg/kg)				
Aroclor 1016	0.11	U	0.12	U
Aroclor 1221	0.11	U	0.12	U
Aroclor 1232	0.11	U	0.12	U
Aroclor 1242	0.11	U	0.12	U
Aroclor 1248	0.11	U	0.12	U
Aroclor 1254	0.11	U	0.12	U
Aroclor 1260	0.11	U	0.12	U

Table B.20-9
Area 5 - DNT Waste Drum Area Soil TPH Results

Area	5D	5D	5D	5D	5D	5D
Sample ID	5D-TPS-12-S-3	5D-TPS-15-S-2	5D-TPS-16-S-3	5D-TPS-17-S-3	5D-TPS-18-S-4	5D-TPS-21-S-2-DAVG
Date Sampled	9/29/92	10/1/92	10/1/92	10/1/92	10/7/92	10/7/92
Depth	0 to 1	0 to 1	2 to 4	0 to 1.5	0 to 1	0.5 to 1.5
TPH (mg/kg)						
TPH	25 U	38	42	14	25 U	25 U

Area	5D	5D	5D	5D	5D	5D
Sample ID	5D-TPS-6-S-3	5D-TPS-7-S-3	5D-VS-10	5D-VS-11	5D-VS-15	5D-VS-17
Date Sampled	9/18/92	9/18/92	4/13/93	4/13/93	4/13/93	4/13/93
Depth	0 to 1	0 to 1	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)						
TPH	31	25 U	21 U	24 U	35	140

Area	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-18	5D-VS-2	5D-VS-21	5D-VS-23	5D-VS-26	5D-VS-27
Date Sampled	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)						
TPH	22 U	22 U	160	110	23 U	140

Table B.20-9
Area 5 - DNT Waste Drum Area Soil TPH Results

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-32	5D-VS-35	5D-VS-36	5D-VS-4	5D-VS-53	5D-VS-55	5D-VS-56	5D-VS-57	5D-VS-59-DAVG	5D-VS-6
Date Sampled	2/17/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	36	21 U	90	22 U	27	140	42	22 U	86 J	190

Area	5D	5	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-68	5D-VS-69	5D-VS-70-DAVG	5D-VS-71-DAVG	5D-VS-72	5D-VS-73	5D-VS-74	5D-VS-75	5D-VS-76	5D-VS-77
Date Sampled	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	45	21 U	22 U	20 U	110	21 U	22 U	22 U	22 U	33

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-79	5D-VS-80-DAVG	5D-VS-81	5D-VS-82	5D-VS-83	5D-VS-84	5D-VS-85	5D-VS-86	5D-VS-87	5D-VS-88
Date Sampled	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	21 U	21 U	21 U	380	520	21 U	60	1900	1500	750

Table B.20-9
Area 5 - DNT Waste Drum Area Soil TPH Results

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-89-DAVG	5D-VS-90-DAVG	5D-VS-91	5D-VS-92	5D-VS-93	5D-VS-94	5D-VS-95	5D-VS-96	5D-VS-97	5D-VS-98
Date Sampled	8/10/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	24 U	190	320	140	22	270	740	630	280	160

Area	5D	5	5	5	5	5	5	5	5	5
Sample ID	5D-VS-78	5-TP-511-S-3	5-TP-512-S-3	5-TP-513-S-3	5-VS-1	5-VS-11	5-VS-15	5-VS-17	5-VS-18	5-VS-19
Date Sampled	8/10/93	8/18/92	8/18/92	8/18/92	2/12/93	2/12/93	2/12/93	8/10/93	8/10/93	8/10/93
Depth	0 to 0.5	4 to 4.5	4 to 4.5	4 to 4.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	21 U	25 U	29	40	57	53	430	21 U	21 U	20 U

Area	5D	5	5	5	5	5	5	5	5	5
Sample ID	5D-VS-60-DAVG	5-VS-20-DAVG	5-VS-21	5-VS-22	5-VS-24	5-VS-25	5-VS-26	5-VS-28	5-VS-5	5-VS-9
Date Sampled	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	2/12/93	2/12/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	21 U	21 U	21 U	38	27	21 U	21 U	21 U	170	93

Table B.21-1
Area 8 - Bunker C Pipeline Soil Metals Results

Area	8	8	8
Sample ID	**SA1-29-48**	**SA1-30-48**	**01-N01-SS[NGRR-275]C2-005**
Date Sampled	**10/14/99**	**10/14/99**	**8/13/01**
Depth	**3 to 6.5**	**3 to 6.5**	**1.5 to 2**
Arsenic (mg/kg)			
Arsenic	2.2	4.2	19
Lead (mg/kg)			
Lead	12	46	22

Table B.21-2
Area 8 - Bunker C Pipeline Soil Explosives Results

Area	8
Sample ID	8-BS-1-S-7
Date Sampled	6/9/92
Depth	32.5 to 34
Explosives (mg/kg)	
2,4-Dinitrotoluene	1.7 U
2,6-Dinitrotoluene	1.7 U
DNT - Total	3.4 U
Nitrobenzene	1.7 U

Table B.21-3
Area 8 - Bunker C Pipeline Soil VOC Results

Area	8	8
Sample ID	8-TPS-04-S-1	8-TPS-04-S-2
Date Sampled	1/31/92	1/31/92
Depth	14.5 to 15	16.5 to 17
VOCs (mg/kg)		
Acetone	1 U	1 U
Benzene	0.05 U	0.05 U
Bromodichloromethane	0.05 U	0.05 U
Bromoform	0.25 U	0.25 U
Bromomethane	0.5 U	0.5 U
Carbon Disulfide	0.05 U	0.05 U
Carbon Tetrachloride	0.05 U	0.05 U
Chlorobenzene	0.05 U	0.05 U
Chloroform	0.05 U	0.05 U
Chloromethane	0.5 U	0.5 U
Dibromochloromethane	0.05 U	0.05 U
1,1-Dichloroethane	0.05 U	0.05 U
1,2-Dichloroethane	0.05 U	0.05 U
1,1-Dichloroethene	0.05 U	0.05 U
1,2-Dichloroethylene (Mixed Isomers)	0.05 U	0.05 U
Dichloromethane	0.25 U	0.25 U
1,2-Dichloropropane	0.05 U	0.05 U
Cis-1,3-Dichloropropene	0.05 U	0.05 U
Trans-1,3-Dichloropropene	0.05 U	0.05 U
Ethyl Benzene	0.05 U	0.05 U
Ethyl Chloride	0.05 U	0.05 U
2-Hexanone	0.5 U	0.5 U
Methyl Ethyl Ketone	0.5 U	0.5 U
Methyl Isobutyl Ketone	0.5 U	0.5 U
Styrene	0.05 U	0.05 U
1,1,2,2-Tetrachloroethane	0.05 U	0.05 U
Tetrachloroethene	0.05 U	0.05 U
Toluene	0.05 U	0.05 U
1,1,1-Trichloroethane	0.05 U	0.05 U
1,1,2-Trichloroethane	0.05 U	0.05 U
Trichloroethylene	0.05 U	0.05 U
Vinyl Acetate	0.5 U	0.5 U
Vinyl Chloride	0.05 U	0.05 U
Xylenes	0.05 U	0.05 U

Table B.21-4
Area 8 - Bunker C Pipeline Soil SVOC Results

Area	8
Sample ID	8-BS-1-S-7
Date Sampled	6/9/92
Depth	32.5 to 34
SVOCs (mg/kg)	
Aniline	1.7 U
Benzidine	17 U
Benzoic Acid	8.3 U
Benzyl Alcohol	1.7 U
Bis(2-Chloroethoxy)methane	1.7 U
Bis(2-Chloroisopropyl)ether	1.7 U
Bis(2-ethylhexyl)Phthalate (DEHP)	1.7 U
Bis(Chloroethyl)ether	1.7 U
4-Bromodiphenyl ether	1.7 U
N-Butyl Benzyl Phthalate	1.7 U
4-Chloroaniline	1.7 U
2-Chloronaphthalene	1.7 U
2-Chlorophenol	1.7 U
4-Chlorophenyl-phenyl ether	1.7 U
Dibenzofuran	1.7 U
Dibutyl Phthalate	1.7 U
1,2-Dichlorobenzene	1.7 U
1,3-Dichlorobenzene,	1.7 U
Dichlorobenzene, 1,4-	1.7 U
3,3-Dichlorobenzidine	3.3 U
2,4-Dichlorophenol	1.7 U
Diethyl Phthalate	1.7 U
Dimethyl Phthalate	1.7 U
2,4-Dimethylphenol	1.7 U
4,6-Dinitro-o-Cresol	8.3 U
2,4-Dinitrophenol	8.3 U
Di-N-Octylphthalate	1.7 U
Hexachlorobenzene	1.7 U
Hexachlorobutadiene	1.7 U
Hexachlorocyclopentadiene	1.7 U
Hexachloroethane	1.7 U
Isophorone	1.7 U
2-Methylphenol	1.7 U
4-Methylphenol	1.7 U
2-Nitroaniline	8.3 U
3-Nitroaniline	8.3 U
4-Nitroaniline	8.3 U
2-Nitrophenol	1.7 U
4-Nitrophenol	8.3 U
N-Nitrosodimethylamine	1.7 U
N-Nitrosodi-N-propylamine	1.7 U
N-Nitrosodiphenylamine	1.7 U
Pentachlorophenol	1.7 U
Phenol	1.7 U
1,2,4-Trichlorobenzene	1.7 U
2,4,5-Trichlorophenol	8.3 U
2,4,6-Trichlorophenol	1.7 U

Table B.21-5
Area 8 - Bunker C Pipeline Soil PAH Results

Area	8	8	8	8	8	8	8
Sample ID	8-BS-1-S-4	8-BS-1-S-7	8-TP-7-S-4	8-VS-41	8-VS-42	8-VS-43	8-VS-44
Date Sampled	6/9/92	6/9/92	5/27/92	6/23/93	6/23/93	6/23/93	6/23/93
Depth	17.5 to 19	32.5 to 34	19 to 20	15 to 15.5	15 to 15.5	15 to 15.5	12 to 13
PAH (mg/kg)							
Benzo(a)Anthracene	0.019 U	0.018 U	0.018	0.018 U	0.018 U	0.019 U	0.018 U
Benzo(a)Pyrene	0.019 U	0.018 U	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U
Benzo(b)Fluoranthene	0.019 U	0.018 U	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U
Benzo(k)Fluoranthene	0.019 U	0.018 U	0.018 U	0.018 UJ	0.018 UJ	0.019 UJ	0.018 UJ
Chrysene	0.019 U	0.018 U	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U
Dibenz(a,h)anthracene	0.039 U	0.037 U	0.036 U	0.036 UJ	0.037 UJ	0.039 UJ	0.037 UJ
Indeno(1,2,3-cd)pyrene	0.019 U	0.018 U	0.018 U	0.018 UJ	0.018 UJ	0.019 UJ	0.018 UJ
Total Carcinogenic PAHS (BaP TEQs)	0.063909 U	0.060598 U	0.030699	0.059598 U	0.060598 U	0.063909 U	0.060598 U
2-Methylnaphthalene		1.7 U					
Acenaphthene	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U
Acenaphthylene	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U
Anthracene	0.0095 U	0.0091 U	0.0088 U	0.0089 U	0.009 U	0.0095 U	0.0089 U
Benzo(g,h,i)Perylene	0.18	0.21	0.14	0.018 U	0.018 U	0.019 U	0.018 U
Fluoranthene	0.019 U	0.36 J	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U
Fluorene	0.019 U	0.018 U	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U
Naphthalene	0.095 U	0.091 U	0.088 U	0.089 U	0.09 U	0.095 U	0.089 U
Phenanthrene	0.0095 U	0.54 J	0.0088 U	0.0089 U	0.009 U	0.0095 U	0.0089 U
Pyrene	0.019 U	0.018 U	0.018 U	0.018 UJ	0.018 UJ	0.019 UJ	0.018 UJ
PAH (Non-Carc) - Total	0.4555	2.20805	0.3998	0.5388 U	0.54 U	0.57 U	0.5388 U

Table B.21-5
Area 8 - Bunker C Pipeline Soil PAH Results

Area	8	8	8	8	8
Sample ID	8-VS-45	8-VS-46	8-VS-47	8-VS-48	8-VS-49
Date Sampled	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93
Depth	9 to 10	13 to 14	15 to 15.5	12 to 13	12 to 13
PAH (mg/kg)					
Benzo(a)Anthracene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Benzo(a)Pyrene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Benzo(b)Fluoranthene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Benzo(k)Fluoranthene	0.017 UJ	0.017 UJ	0.017 UJ	0.018 UJ	0.018 UJ
Chrysene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Dibenz(a,h)anthracene	0.036 UJ	0.036 UJ	0.036 UJ	0.036 UJ	0.037 UJ
Indeno(1,2,3-cd)pyrene	0.017 UJ	0.017 UJ	0.017 UJ	0.018 UJ	0.018 UJ
Total Carcinogenic PAHS (BaP TEQs)	0.058287 U	0.058287 U	0.058287 U	0.059598 U	0.060598 U
2-Methylnaphthalene					
Acenaphthene	0.17 U	0.17 U	0.17 U	0.18 U	0.18 U
Acenaphthylene	0.17 U	0.17 U	0.17 U	0.18 U	0.18 U
Anthracene	0.0087 U	0.0087 U	0.0087 U	0.0088 U	0.0089 U
Benzo(g,h,i)Perylene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Fluoranthene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Fluorene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Naphthalene	0.087 U	0.087 U	0.087 U	0.088 U	0.089 U
Phenanthrene	0.0087 U	0.0087 U	0.0087 U	0.0088 U	0.0089 U
Pyrene	0.017 UJ	0.017 UJ	0.017 UJ	0.018 UJ	0.018 UJ
PAH (Non-Carc) - Total	0.5124 U	0.5124 U	0.5124 U	0.5376 U	0.5388 U

Table B.21-5
Area 8 - Bunker C Pipeline Soil PAH Results

Area	8	8	8	8	8
Sample ID	8-VS-50	8-VS-51	8-VS-59	8-VS-61	S-10
Date Sampled	6/23/93	6/23/93	7/12/93	7/12/93	1/28/92
Depth	15 to 15.5	15 to 15.5	15 to 15.5	37 to 38	15.5 to 16
PAH (mg/kg)					
Benzo(a)Anthracene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Benzo(a)Pyrene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Benzo(b)Fluoranthene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Benzo(k)Fluoranthene	0.018 UJ	0.017 UJ	0.93 U	0.082	0.0036 U
Chrysene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Dibenz(a,h)anthracene	0.036 UJ	0.035 UJ	1.9 U	0.19	0.0071 U
Indeno(1,2,3-cd)pyrene	0.018 UJ	0.017 UJ	1.1	0.1	0.0036 U
Total Carcinogenic PAHS (BaP TEQs)	0.059598 U	0.057287 U	1.623115	0.2122295	0.0118196 U
2-Methylnaphthalene					
Acenaphthene	0.18 U	0.17 U	9.3 U	0.19 U	0.036 U
Acenaphthylene	0.18 U	0.17 U	9.3 U	0.19 U	0.036 U
Anthracene	0.0088 U	0.0086 U	0.46 U	0.0094 U	0.0018 U
Benzo(g,h,i)Perylene	0.018 U	0.017 U	0.93 U	0.03	0.0036 U
Fluoranthene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Fluorene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Naphthalene	0.088 U	0.086 U	4.6 U	0.094 U	0.018 U
Phenanthrene	0.0088 U	0.0086 U	0.46 U	0.0094 U	0.0018 U
Pyrene	0.018 UJ	0.017 UJ	0.93 U	0.019 U	0.0036 U
PAH (Non-Carc) - Total	0.5376 U	0.5112 U	27.84 U	0.3049	0.108 U

Table B.21-6
Area 8 - Bunker C Pipeline Soil TPH Results

Area	8	8	8	8	8	8	8	8	8	8
Sample ID	8-BS-1-S-4	8-BS-1-S-7	8-BS-2-S-4	8-BS-3-S-3	8-BS-3-S-5	8-LD-VS-1	8-LD-VS-10	8-LD-VS-14	8-LD-VS-15	8-LD-VS-19
Date Sampled	6/9/92	6/9/92	6/9/92	6/10/92	6/10/92	1/12/96	1/12/96	1/12/96	1/12/96	1/12/96
Depth	17.5 to 19	32.5 to 34	22.5 to 24	17.5 to 19	27_5 to 29	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP TPH (mg/L)										
TPH										
TPH (mg/kg)										
#2 Diesel		240								
Motor Oil		880								
TPH 418.1										
TPH	2800	2400	25 U	150	25 U	73	1100	250	160	940
TPH 8015										
Bunker C		10 U								
Bunker C (Aged)										
Gasoline		10 U								
Kensol		10 U								
Kerosene		10 U								
Stoddard Solvent		10 U								
TPH-8015		10 U								

Area	8	8	8	8	8	8	8	8	8	8
Sample ID	8-LD-VS-2	8-LD-VS-20	8-LD-VS-24	8-LD-VS-25	8-TP-10-S-4	8-TP-7-S-4	8-TPS-02-S-1	8-TPS-04-S-1	8-TPS-04-S-2	8-VS-41
Date Sampled	1/12/96	1/12/96	1/12/96	1/12/96	5/27/92	5/27/92	1/30/92	1/31/92	1/31/92	6/23/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	15 to 16	19 to 20	17 to 17.5	14.5 to 15	16.5 to 17	15 to 15.5
TCLP TPH (mg/L)										
TPH										
TPH (mg/kg)										
#2 Diesel							10 U	1000	660	
Motor Oil							10 U	3000	2100	
TPH 418.1										
TPH	75	870	120	190	94	1400				160 J
TPH 8015										
Bunker C							10 U	10 U	10 U	
Bunker C (Aged)										
Gasoline							10 U	10 U	10 U	
Kensol							10 U	10 U	10 U	
Kerosene							10 U	10 U	10 U	
Stoddard Solvent							10 U	10 U	10 U	
TPH-8015							10 U	10 U	10 U	

Table B.21-6
Area 8 - Bunker C Pipeline Soil TPH Results

Area	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Sample ID	8-VS-42	8-VS-43	8-VS-44	8-VS-45	8-VS-46	8-VS-47	8-VS-48	8-VS-49	8-VS-50	8-VS-51	8-VS-52	8-VS-53	8-VS-55	8-VS-56
Date Sampled	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	7/12/93	7/12/93	7/12/93	7/12/93
Depth	15 to 15.5	15 to 15.5	12 to 13	9 to 10	13 to 14	15 to 15.5	12 to 13	12 to 13	15 to 15.5	15 to 15.5	15 to 15.5	15 to 15.5	15 to 15.5	10 to 10.5
TCLP TPH (mg/L)														
TPH														
TPH (mg/kg)														
#2 Diesel														
Motor Oil														
TPH 418.1														
TPH	210 J	4000 J	21 U	21 U	24 J	77 J	22 U	30 J	21 U	55 J	45 J	50 U	260	200
TPH 8015														
Bunker C														
Bunker C (Aged)														
Gasoline														
Kensol														
Kerosene														
Stoddard Solvent														
TPH-8015														

Area	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Sample ID	8-VS-57	8-VS-58	8-VS-59	8-VS-60	8-VS-61	8-VS-62	8-VS-63	8-VS-64	8-VS-65	8-VS-66	8-VS-67	8-VS-68	8-VS-69	8-VS-70
Date Sampled	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93
Depth	10 to 10.5	15 to 15.5	15 to 15.5	20 to 20.5	37 to 38	6 to 7	9 to 10	4 to 5	3 to 4	12 to 13	7 to 8	15 to 15.5	10 to 11	5 to 7
TCLP TPH (mg/L)														
TPH			1 U											
TPH (mg/kg)														
#2 Diesel														
Motor Oil														
TPH 418.1														
TPH	81	110	7200	50 U	2500	50 U	48 J	61	50 U	50 U	50 U	540	50 U	50 U
TPH 8015														
Bunker C														
Bunker C (Aged)														
Gasoline														
Kensol														
Kerosene														
Stoddard Solvent														
TPH-8015														

Table B.21-6
Area 8 - Bunker C Pipeline Soil TPH Results

Area	8	8	8	8	8	8	8	8	8	8	8
Sample ID	8-VS-72	8-VS-73	8-VS-74	8-VS-75	8-VS-76	8-VS-77	8-VS-78	8-VS-80	8-VS-81	8-VS-82	8-VS-83
Date Sampled	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93
Depth	20 to 20.5	20 to 20.5	18 to 18.5	20 to 20.5	20 to 20.5	20 to 20.5	18 to 18.5	20 to 20.5	20 to 20.5	18 to 18.5	20 to 20.5
TCLP TPH (mg/L)											
TPH									1 U		
TPH (mg/kg)											
#2 Diesel											
Motor Oil											
TPH 418.1											
TPH	6300	96	1300	5100	7500	64	1100	6100	11000	50 U	340
TPH 8015											
Bunker C											
Bunker C (Aged)											
Gasoline											
Kensol											
Kerosene											
Stoddard Solvent											
TPH-8015											

Area	8	8
Sample ID	8-VS-84	S-10
Date Sampled	7/28/93	1/28/92
Depth	18 to 18.5	15.5 to 16
TCLP TPH (mg/L)		
TPH		
TPH (mg/kg)		
#2 Diesel		10 U
Motor Oil		
TPH 418.1		
TPH	50 U	
TPH 8015		
Bunker C		10 U
Bunker C (Aged)		10 U
Gasoline		10 U
Kensol		10 U
Kerosene		10 U
Stoddard Solvent		10 U
TPH-8015		10 U

Table B.22-1
Area 19 - Maintenance Areas Soil Metals Results

Area	19A	19A	19A	19A	19A	19A	19B
Sample ID	01-F15-SS[F-129]C2-005	01-F15-SS[F-130]C2-005	01-F15-SS[F-131]C2-005	01-F15-SS[F-132]C2-005	19A-TP-1-S-1	19A-TP-1-S-2	19B-OI-TP-1 (S-1)
Date Sampled	6/26/01	6/26/01	6/26/01	6/26/01	7/31/92	7/31/92	7/31/92
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	5 to 6	7 to 8	2 to 2.5
Total Metals (mg/kg)							
Aluminum							12000
Antimony (metallic)							0.25 UJ
Arsenic (inorganic)	2.5	3.2	1.9 U	2.3	2.5 J	5.5 J	2.6 J
Beryllium							0.31
Cadmium (food)							0.077
Chromium							13
Copper							11
Lead (and compounds) (inorganic)	8.4	4.2	23	2.5	86	960	11
Mercury (inorganic)							0.081 U
Nickel (soluble salts)							19
Selenium (and compounds)							0.23 U
Silver							0.25 U
Thallium							0.23 U
Zinc and Compounds							49

Area	19B	19B	19B	19B	19B	19B	19A
Sample ID	19B-OI-TP-1 (S-2)	19B-VS-15	19B-VS-16	19B-VS-17	19B-VS-18	19B-VS-19-DAVG	19-VS-20
Date Sampled	7/31/92	10/19/92	10/19/92	10/19/92	10/19/92	10/19/92	9/14/99
Depth	4 to 4.5	5 to 6	5 to 6	5 to 6	5 to 6	0 to 0.5	2 to 4.5
Total Metals (mg/kg)							
Aluminum	13000						
Antimony (metallic)	0.26 UJ						
Arsenic (inorganic)	2 J						3.3
Beryllium	0.32						
Cadmium (food)	0.041						
Chromium	18						
Copper	4.8						
Lead (and compounds) (inorganic)	5.1 U	5 U	7.1	5.9	10	6.7	17 J
Mercury (inorganic)	0.081 U						
Nickel (soluble salts)	24						
Selenium (and compounds)	0.24 U						
Silver	0.25 U						
Thallium	0.24 U						
Zinc and Compounds	29						

Table B.22-1
Area 19 - Maintenance Areas Soil Metals Results

Area	19A	19A	19A	19A	19A	19C
Sample ID	19-VS-28	19-VS-29	19-VS-46-DAVG	19-VS-60	19-VS-61	19-VS-62
Date Sampled	9/14/99	9/14/99	9/14/99	10/19/99	10/19/99	10/19/99
Depth	0 to 0.5	2 to 4.5	0 to 0.5	2 to 4.5	2 to 4.5	0 to 0.5
Total Metals (mg/kg)						
Aluminum						
Antimony (metallic)						
Arsenic (inorganic)	17	9.8	69	2 U	1.9 U	19
Beryllium						
Cadmium (food)						
Chromium						
Copper						
Lead (and compounds) (inorganic)	240 J	270 J	140	6.1 U	5.8 U	110
Mercury (inorganic)						
Nickel (soluble salts)						
Selenium (and compounds)						
Silver						
Thallium						
Zinc and Compounds						

Table B.22-2
Area 19 - Maintenance Areas Soil TPH Results

Area	19B	19B	19B	19B
Sample ID	19B-OI-TP-1 (S-1)	19B-OI-TP-1 (S-2)	19B-VS-10-DAVG	19B-VS-11
Date Sampled	7/31/92	7/31/92	10/19/92	10/19/92
Depth	2 to 2.5	4 to 4.5	0 to 0.5	4 to 5
TPH (mg/kg)				
TPH	42	21 U	25 U	25 U

Area	19B	19B	19B	19B
Sample ID	19B-VS-12	19B-VS-13	19B-VS-14	19B-VS-15
Date Sampled	10/19/92	10/19/92	10/19/92	10/19/92
Depth	4 to 5	4 to 5	4 to 5	5 to 6
TPH (mg/kg)				
TPH	25 U	25 U	25 U	25 U

Area	19B	19B	19B	19B
Sample ID	19B-VS-16	19B-VS-17	19B-VS-18	19B-VS-19-DAVG
Date Sampled	10/19/92	10/19/92	10/19/92	10/19/92
Depth	5 to 6	5 to 6	5 to 6	0 to 0.5
TPH (mg/kg)				
TPH	25 U	25 U	25 U	25 U

Table B.23-1
Area 24/24A - Upper Power House Soil Metals Results

Area	24A	24A	24A	24A	24A
Sample ID	24-VS-104	24-VS-105	24-VS-106	24-VS-107	24-VS-108
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic (inorganic)	18	18	11	14	12
Cadmium (food)	2	1.6	0.48	0.65	2.5
Lead (and compounds) (inorganic)	280	1100	2400	560	390
Mercury (inorganic)	0.81	10	2.3	31	1.3

Area	24A	24A	24A	24A	24A
Sample ID	24-VS-109	24-VS-110	24-VS-111-DAVG	24-VS-112	24-VS-113
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic (inorganic)	6.4	6.1	6.1	17	10
Cadmium (food)	0.56	0.22	0.28	1.4	0.69
Lead (and compounds) (inorganic)	49	230	270	450	230
Mercury (inorganic)	0.13	0.24	1.9	0.86	0.43

Table B.23-1
Area 24/24A - Upper Power House Soil Metals Results

Area	24A	24A	24A	24A	24
Sample ID	24-VS-114	24-VS-115	24-VS-116	24-VS-117	24-VS-120
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	3 to 6
Total Metals (mg/kg dry)					
Arsenic (inorganic)	6.7	7.8	15	12	2.8
Cadmium (food)	0.28	0.2	0.42	0.24	0.19
Lead (and compounds) (inorganic)	120	66	73	46	59
Mercury (inorganic)	4.2	1	0.21	0.29	0.24

Area	24	24	24
Sample ID	24-VS-121	24-VS-122-DAVG	24-VS-123
Date Sampled	10/10/95	10/10/95	10/10/95
Depth	6 to 7	3 to 6	7 to 8
Total Metals (mg/kg dry)			
Arsenic (inorganic)	3.6	6.2	3.4
Cadmium (food)	0.13	0.48	0.27
Lead (and compounds) (inorganic)	20	150	74
Mercury (inorganic)	0.11 U	8.9	7.7

Table B.23-2
Area 24/24A - Upper Power House Soil PAH Results

Area	24A	24A	24A
Sample ID	24-VS-125	24-VS-126	24-VS-127
Date Sampled	3/27/96	3/27/96	3/27/96
Depth	15 to 15.5	15 to 15.5	3 to 4
PAH (mg/kg)			
Benzo(a)Anthracene	0.097	0.2	0.06
Benzo(a)Pyrene	0.15	0.23	0.067
Benzo(b)Fluoranthene	0.12	0.16	0.039
Benzo(k)Fluoranthene	0.069	0.1	0.026
Chrysene	0.14	0.28	0.11
Dibenz(a,h)anthracene	0.0082	0.0035 U	0.0037 U
Indeno(1,2,3-cd)pyrene	0.14	0.17	0.062
Total Carcinogenic PAHS	0.19473	0.28603	0.08532
2-Methylnaphthalene	0.019 U	0.037	0.019 U
Acenaphthene	0.019 U	0.036	0.019 U
Acenaphthylene	0.037 U	0.035 U	0.037 U
Anthracene	0.02	0.073	0.026
Benzo(g,h,i)Perylene	0.16	0.21	0.046
Fluoranthene	0.27	0.7 U	0.25 U
Fluorene	0.0074	0.038	0.013
Naphthalene	0.019 U	0.018 U	0.019 U
Phenanthrene	0.15	0.51	0.16
Pyrene	0.28	0.63	0.26
PAH (Non-Carc) - Total	0.9344	1.9105	0.677

Table B.23-3
Area 24/24A - Upper Power House Soil TPH Results

Area	24A	24A	24A	24A	24A	24A
Sample ID	24-VS-104	24-VS-105	24-VS-106	24-VS-107	24-VS-108	24-VS-109
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)						
TPH	100.00	2500.00	330.00	210.00	260.00	190.00

Area	24A	24A	24A	24A	24A	24A
Sample ID	24-VS-110	24-VS-111-DAVG	24-VS-112	24-VS-113	24-VS-114	24-VS-115
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)						
TPH	760	210	58	280	970	62

Area	24A	24A	24	24	24	24
Sample ID	24-VS-116	24-VS-117	24-VS-120	24-VS-121	24-VS-122-DAVG	24-VS-123
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	3 to 6	6 to 7	3 to 6	7 to 8
TPH (mg/kg)						
TPH	50 U	50 U	1,400	50 U	720	350

Area	24A	24A	24A	24A	24A
Sample ID	24-VS-124	24-VS-125	24-VS-126	24-VS-127	24-VS-128
Date Sampled	3/27/96	3/27/96	3/27/96	3/27/96	3/27/96
Depth	7 to 7.5	15 to 15.5	15 to 15.5	3 to 4	5.5 to 6
TPH (Mg/kg)					
TPH	170	360	460	750	2,600

Table B.24-1
Area 20 - Railroad Debris Area Soil Metals Results

Area	20	20	20	20	20	20	20
Sample ID	31-VS-549	31-VS-550	31-VS-558	31-VS-559	31-VS-626	31-VS-632	31-VS-633
Date Sampled	4/19/00	4/19/00	4/19/00	4/19/00	5/24/00	6/29/00	6/29/00
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Arsenic (mg/kg)							
Arsenic	3.3	13	11	14	8.2	6.5	6.3
Lead (mg/kg)							
Lead	5.3	8.9	14	9.9	9.4	5.5	15

Table B.25-1
Area 36 - Lead Melt House Area Soil Metals Results

Area	36	36	36	36	36	36	36	36	36	36	36	36	36
Sample ID	36-SS-07	36-SS-10	36-SS-18	36-SS-20	36-SS-21	36-SS-24	36-SS-25	36-SS-26	36-SS-27	36-SS-29	36-SS-30	36-SS-31	36-SS-32
Date Sampled	1/10/92	1/10/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/30/92	4/30/92	4/30/92	4/27/92	4/27/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Arsenic (mg/kg)													
Arsenic													
Lead (mg/kg)													
Lead	92	140	23	5 U	120	5 U	29	1300	130	320	150	1000	74

Area	36	36	36	36	36	36	36	36	36	36	36	36	36
Sample ID	36-TP-1-S-3	36-TP-2-S-3	36-TP-4-S-3	36-TP-5-S-3	36-TP-6-S-1	36-TP-6-S-2	36-TP-6-S-3	36-VS-10	36-VS-11	36-VS-12	36-VS-21	36-VS-6	36-VS-8
Date Sampled	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	9/20/99	9/20/99	9/20/99	10/1/99	9/20/99	9/20/99
Depth	3 to 5	3 to 5	3 to 5	3 to 5	0 to 1	1 to 2	3 to 5	1 to 2.5	1 to 2.5	1 to 2.5	3 to 4.5	0-0.5	1 to 2.5
Arsenic (mg/kg)													
Arsenic								9	4	2.4	4.1 U	2.7	3
Lead (mg/kg)													
Lead	240	10	5 U	5 U	75	5 U	5 U	1800	100	44	6.9	9.4	37

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39	39	39	39	39	39	39
Sample ID	39-B-1-S-6	39-B-1-S-7	39-SS-01	39-SS-03	39-SS-04	39-SS-05	39-SS-06	39-SS-08	39-SS-12	39-SS-16
Date Sampled	1/8/92	1/8/92	1/7/92	1/7/92	1/7/92	1/7/92	1/7/92	1/7/92	1/7/92	1/7/92
Depth	0.5 to 2	2 to 3.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)										
Lead										
Mercury (inorganic)										
Total Metals (mg/kg)										
Aluminum										
Antimony (metallic)										
Arsenic										
Beryllium										
Cadmium										
Chromium										
Copper										
Lead										
Mercury (inorganic)	0.52	0.4	0.54	1.9	0.81	0.51	0.84	1.4	0.17	0.43
Nickel (soluble salts)										
Selenium (and compounds)										
Silver										
Thallium										
Zinc and Compounds										

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-11	39-VS-12	39-VS-13	39-VS-14	39-VS-15	39-VS-16	39-VS-17-DAVG	39-VS-18
Date Sampled	4/21/92	4/20/92	4/20/92	4/17/92	6/1/92	6/1/92	6/1/92	6/1/92	4/17/92
Depth	2 to 9	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)									
Lead									
Mercury (inorganic)		0.0002 U	0.00035						0.0002 U
Total Metals (mg/kg)									
Aluminum	10000				20400	18000	19200	21000	
Antimony (metallic)					2.9 UJ	2.8 UJ	2.9 UJ	2.9 UJ	
Arsenic	1.3				11.2	9.34	6.66	7.29	
Beryllium	0.11 U				0.51	0.41	0.53	0.52	
Cadmium	0.073 J				0.34	0.17	0.17	0.14	
Chromium	13				15.5	13.9	15.8	18	
Copper	13				21	18	16.3	15.4	
Lead	26	110	180	47	28	55	69	37	68
Mercury (inorganic)	2.6 J	13 J	72 J	2.4 J	7.45	7.02	22.5	1.52	7.9 J
Nickel (soluble salts)	17				21.1	20	20	21.2	
Selenium (and compounds)	0.27 U				0.31	0.28 U	0.29 U	0.29 U	
Silver	0.34				0.29 U	0.28 U	0.48	0.29 U	
Thallium	0.27 U				0.29 U	0.28 U	0.29 U	0.29 U	
Zinc and Compounds	25				61.2	47.8	39.9	42.6	

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39	39	39	39	39	39
Sample ID	39-VS-19	39-VS-1-DAVG	39-VS-2	39-VS-20	39-VS-21	39-VS-22	39-VS-23	39-VS-24	39-VS-25
Date Sampled	4/17/92	4/16/92	4/16/92	4/21/92	4/21/92	4/21/92	4/20/92	4/21/92	4/21/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	2 to 12	2 to 12	2 to 12	9 to 12
TCLP Metals (mg/L)									
Lead									
Mercury (inorganic)									
Total Metals (mg/kg)									
Aluminum		16000	17000			16000	13000	16000	10000
Antimony (metallic)		3 J	3 UJ				0.64 J		0.31 J
Arsenic		120	27 J			1.7	2.8	1.6	1.6
Beryllium		0.38	0.36			0.11 U	0.11 U	0.11 U	0.11 U
Cadmium		0.18	0.24 J			0.27 J	0.54 J	0.25 J	0.14 J
Chromium		14	13			20	20	18	18
Copper		25	17			12	15	12	23
Lead	210	170	80	140	230	60	140	23	100
Mercury (inorganic)	5.7 J	1.6 J	9.2 J	7 J	7.4 J	3.3 J	13 J	4.7 J	11 J
Nickel (soluble salts)		18	16			22	20	21	20
Selenium (and compounds)		0.33 J	0.3 UJ			0.29 U	0.28 U	0.29 U	0.27 U
Silver		0.49	0.55			0.93	1.3	0.86	0.28
Thallium		0.31 U	0.3 U			0.29 U	0.28 U	0.29 U	0.27 U
Zinc and Compounds		36	54			39	270	42	33

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39	39	39	39	39	39	39
Sample ID	39-VS-26	39-VS-27	39-VS-28	39-VS-29	39-VS-3	39-VS-30	39-VS-31	39-VS-32	39-VS-33	39-VS-34
Date Sampled	4/21/92	4/12/92	4/20/92	4/21/92	4/16/92	5/7/92	5/7/92	5/7/92	5/7/92	6/3/92
Depth	12 to 12.5	2 to 12	2 to 12	0 to 0.5	0 to 0.5	21 to 21.5	2 to 6	2 to 6	6 to 6.5	0 to 0.5
TCLP Metals (mg/L)										
Lead										
Mercury (inorganic)										
Total Metals (mg/kg)										
Aluminum	12000	14000	11000		19000	11400	15300	20200	26200	19300
Antimony (metallic)			0.31 J		3.2 UJ					2.6 UJ
Arsenic	5	2.2	1.8		9.5	3.88 J	3.43 J	2.11 J	3.18 J	26.9
Beryllium	0.11 U	0.11 U	0.11 U		0.41	0.2	0.3	0.7	0.5	0.78
Cadmium	0.2 J	0.43 J	0.11 J		0.52 J	0.05	0.09	0.04	0.05	1.31
Chromium	15	21	17		13	13.5	18	45.4	30.9	25.6
Copper	16	9.8	14		13	17.8	16.1	22.6	15.5	80.4
Lead	46	29	21	19	21	5.3 U	5.4 U	5.3 U	5.7 U	560
Mercury (inorganic)	4.9 J	4.3 J	4.7 J	3.7 J	1.6	0.11 U	0.11 U	0.11 U	0.12 U	4.45
Nickel (soluble salts)	18	16	16		17	17	19.4	35.7	32.6	25.5
Selenium (and compounds)	0.27 U	0.16	0.27 U		0.32 UJ	0.27 UJ	0.27 UJ	0.27 UJ	0.27 J	2.3
Silver	0.67	1.5	0.57		0.58	0.3	0.27 U	0.27 U	0.3 U	0.26 U
Thallium	0.27 U	0.28 U	0.27 U		0.32 U	0.27 U	0.27 U	0.27 U	0.3 U	1.7
Zinc and Compounds	38	51	32		160	26.2	25.4	46.4	37.6	276

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39	39	39	39	39	39	39
Sample ID	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-39	39-VS-4	39-VS-40	39-VS-41	39-VS-42	39-VS-5
Date Sampled	6/27/92	6/27/92	6/27/92	6/27/92	8/14/92	4/16/92	6/27/92	8/14/92	8/14/92	4/16/92
Depth	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5	0 to 0.5	4 to 5	4 to 5	4 to 5	0 to 0.5
TCLP Metals (mg/L)										
Lead										
Mercury (inorganic)										
Total Metals (mg/kg)										
Aluminum						19000				18000
Antimony (metallic)						3 UJ				3 UJ
Arsenic					2.3	3.7		1.3	5.8	12
Beryllium						0.39				0.39
Cadmium						0.37 J				0.36 J
Chromium						13				12
Copper						12				19
Lead	10	5.6 U	5.1 U	17		7.7	22			220
Mercury (inorganic)					0.1	0.5 J		0.08 U	0.92	6.7 J
Nickel (soluble salts)						16				15
Selenium (and compounds)						0.31 J				0.31 UJ
Silver						0.44				0.5
Thallium						0.31 U				0.31 U
Zinc and Compounds						47				89

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39
Sample ID	39-VS-6	39-VS-7	39-VS-8	39-VS-9
Date Sampled	4/16/92	4/16/92	4/17/92	4/20/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)				
Lead				
Mercury (inorganic)				0.0002 U
Total Metals (mg/kg)				
Aluminum	18000	19000		
Antimony (metallic)	3.2 J	3.1 UJ		
Arsenic	29 J	23		
Beryllium	0.4	0.41		
Cadmium	0.31 J	0.24 J		
Chromium	13	13		
Copper	31	48		
Lead	160	54	160	220
Mercury (inorganic)	14 J	6.8 J	15 J	44 J
Nickel (soluble salts)	17	17		
Selenium (and compounds)	0.3 UJ	0.38 J		
Silver	0.49	0.45		
Thallium	0.3 U	0.32 U		
Zinc and Compounds	82	43		

Table B.26-2
Area 39 - Laboratory Area Soil Explosives Results

Area	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-26	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	4/21/92	4/21/92	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	2 to 9	12 to 12.5	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
Explosives (mg/kg)							
2,4-Dinitrotoluene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,6-Dinitrotoluene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
DNT - Total	0.36 U	0.38 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Nitrobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U

Table B.26-3
Area 39 - Laboratory Area Soil VOC Results

Area	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-26	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	4/21/92	4/21/92	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	2 to 9	12 to 12.5	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
VOCs (mg/kg)							
Acetone	1.1 U	1.1 U	11 U	11 U	11 U	11 U	11 U
Benzene	0.053 U	0.056 U	0 027 U	0.027 U	0.027 U	0.026 U	0.027 U
Bromodichloromethane	0.053 U	0.056 U					
Bromoform	0.27 U	0.28 U					
Bromomethane	0.53 U	0.56 U					
Carbon Disulfide	0.053 U	0.056 U					
Carbon Tetrachloride	0.053 U	0.056 U					
Chlorobenzene	0.053 U	0.056 U	0.027 U	0.027 U	0.027 U	0.026 U	0.027 U
Chloroform	0.053 U	0.056 U					
Chloromethane	0.53 U	0.56 U					
Dibromochloromethane	0.053 U	0.056 U					
1,1-Dichloroethane	0.053 U	0.056 U					
1,2-Dichloroethane	0.053 U	0.056 U					
1,1-Dichloroethene	0.053 U	0.056 U					
1,2-Dichloroethylene (Mixed Isomers)	0.053 U	0.056 U					
Dichloromethane	0.53 U	0.53 U					
1,2-Dichloropropane	0.053 U	0.056 U					
Cis-1,3-Dichloropropene	0.053 U	0.056 U					
Trans-1,3-Dichloropropene	0.053 U	0.056 U					
Ethyl Benzene	0.053 U	0.056 U	0.027 U	0.027 U	0.027 U	0.026 U	1.5
Ethyl Chloride	0.053 U	0.056 U					
2-Hexanone	0.53 U	0.56 U					
Methyl Ethyl Ketone	0.53 U	0.56 U					
Methyl Isobutyl Ketone	0.53 U	0.56 U					
Styrene	0.053 U	0.056 U					
1,1,2,2-Tetrachloroethane	0.053 U	0.056 U					
Tetrachloroethene	0.053 U	0.056 U					
Toluene	0.053 U	0.056 U	0.027 U	0.027 U	0.027 U	0.026 U	0.027 U
1,1,1-Trichloroethane	0.053 U	0.056 U					
1,1,2-Trichloroethane	0.053 U	0.056 U					
Trichloroethylene	0.053 U	0.056 U					
Vinyl Acetate	0.53 U	0.56 U					
Vinyl Chloride	0.053 U	0.056 U					
Xylenes	0.053 U	0.056 U	0.027 U	0.027 U	0.027 U	0.026 U	2.8

Table B.26-4
Area 39 - Laboratory Area Soil SVOC Results

Area	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-26	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	4/21/92	4/21/92	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	2 to 9	12 to 12.5	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
SVOCs (mg/kg)							
Aniline	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Benzidine	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Benzoic Acid	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
Benzyl Alcohol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-Chloroethoxy)methane	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl)ether	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-ethylhexyl)Phthalate (DEHP)	0.044 J	0.19 U	0.18 U	0.18 U	0.18 U	0.046 J	0.18 U
Bis(Chloroethyl)ether	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Bromodiphenyl ether	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Butyl Benzyl Phthalate	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chloroaniline	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Chloronaphthalene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Chlorophenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chlorophenyl-phenyl ether	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dibenzofuran	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dibutyl Phthalate	0.18 U	0.19 U	0.18 U	0.25	0.18 U	0.18 U	0.18 U
1,2-Dichlorobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,3-Dichlorobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,4-Dichlorobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
3,3-Dichlorobenzidine	0.36 U	0.38 U	0.36 U	0.36 U	0.36 U	0.35 U	0.36 U
2,4-Dichlorophenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Diethyl Phthalate	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dimethyl Phthalate	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-Dimethylphenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4,6-Dinitro-o-Cresol	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
2,4-Dinitrophenol	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
Di-N-Octylphthalate	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorobutadiene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U

Table B.26-4
Area 39 - Laboratory Area Soil SVOC Results

Area	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-26	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	4/21/92	4/21/92	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	2 to 9	12 to 12.5	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
SVOCs (mg/kg)							
Hexachlorocyclopentadiene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachloroethane	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Isophorone	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Methylphenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Methylphenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Nitroaniline	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
3-Nitroaniline	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
4-Nitroaniline	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
2-Nitrophenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Nitrophenol	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
N-Nitrosodimethylamine	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Nitrosodi-N-propylamine	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Nitrosodiphenylamine	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Pentachlorophenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Phenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2,4-Trichlorobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4,5-Trichlorophenol	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
2,4,6-Trichlorophenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U

Table B.26-5
Area 39 - Laboratory Area Soil PAH Results

Area	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-26	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	4/21/92	4/21/92	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	2 to 9	12 to 12.5	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
PAH (mg/kg)							
Benzo(a)Anthracene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.038 J
Benzo(a)Pyrene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Benzo(b)Fluoranthene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Benzo(k)Fluoranthene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Chrysene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.039 J
Dibenz(a,h)anthracene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Indeno(1,2,3-cd)pyrene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Total Carcinogenic PAHS (BaP TEQs)	0.41598 U	0.43909 U	0.41598 U	0.41598 U	0.41598 U	0.41598 U	0.202739
2-Methylnaphthalene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.038 J
Acenaphthene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Acenaphthylene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Anthracene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Benzo(g,h,i)Perylene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Fluoranthene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.076 J
Fluorene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Naphthalene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Phenanthrene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.047 J
Pyrene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.077 J
PAH (Non-Carc) - Total	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	0.778

Table B.26-6
Area 39 - Laboratory Area Soil TPH Results

Area	39	39	39	39	39
Sample ID	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
TPH (mg/kg)					
#2 Diesel	25 U	25 U	25 U	25 U	61
Gasoline	5 U	5 U	5 U	5 U	87